



ERS

EUROPEAN RESPIRATORY SOCIETY

INTERNATIONAL CONGRESS 2017

MILAN italy, 9–13 september

HELP SHAPE THE FUTURE OF RESPIRATORY SCIENCE AND MEDICINE

CONGRESS GUIDE



TAKE PART IN ERS MILAN 2017



ERSCONGRESS.ORG

ERS-AIPO-SIP Joint Session

Sabato 9 Settembre 2017 durante il ERS Internazionale
Congresso Milano, Italia, Auditorium (South), 09:00–16:30

OTTIENI NUOVE CONOSCENZE SCIENTIFICHE
nella tua lingua DA SESSIONI DEDICATE IN ITALIANO

Scopi

La sessione è indirizzata a presentare i più recenti dati italiani sulla epidemiologia, diagnosi e trattamento delle principali malattie respiratorie. Durante la sessione pomeridiana i giovani che hanno beneficiato di fellowship ERS/AIPO/SIP presenteranno e discuteranno i risultati dei propri studi.

Moderatori: Blasi Francesco (Italia), Centanni Stefano (Italia)

09:00 Introduzione e benvenuto

Joos Guy F (Belgio)

09:27 BPCO: le raccomandazioni Italiane

Centanni Stefano (Italia)

09:54 Asma Grave: il progetto SANI

Canonica Giorgio Walter (Italia)

10:21 Bronchiectasie: i progetti IRIDE e EMBARC

Blasi Francesco (Italia)

10:48 Pausa

11:12 Fibrosi Cistica: come gestire l'adulto in Italia

Castellani Carlo (Italia)

11:39 Asma nel bambino: un update

De Benedictis Fernando Maria (Italia)

12:06 Il trapianto polmonare in Italia: possiamo fare di meglio?

Meloni Federica (Italia)

12:33 ILD update: l'esperienza italiana

Richeldi Luca (Regno Unito)

13:00 Pausa

Discenti

Clinici, Epidemiologi, Medici di Medicina Generale, Infermieri, Pediatri, Chirurghi Toracici, Specializzandi

14:00 Presentation from Italian Fellowship recipient
“Endothelial aggregation in pulmonary arterial hypertension”

Pozzi Paolo (Italia)

14:15 Presentation from Italian Fellowship recipient
“Cardiovascular events in OSA patients with moderate to severe obesity on positive airway pressure therapy”

Marotta Anna Maria (Italia)

14:30 Presentation from Italian Fellowship recipient “The burden of sinus disease in cystic fibrosis lung transplant recipients”

Morlacchi Letizia Corinna (Italia)

14:45 Presentation from Italian Fellowship recipient
“Inflammatory and functional biomarkers of the T2-low endotype in exercise-induced asthma”

Bonini Matteo (Regno Unito)

15:00 Presentation from Italian Fellowship recipient “Viral factors in determining clinical manifestations of infants with bronchiolitis”

Nenna Raffaella (Italia)

15:15 Presentation from Italian Fellowship recipient “Diffuse lung disease in children”

Ullmann Nicola (Italia)

15:30 Discussione



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SIP
SOCIETÀ ITALIANA DI
PNEUMOLOGIA

ERS-AIPO-SIP Joint Session

Saturday 9 September, 2017 at the ERS International Congress Milan, Italy, Auditorium (South), 13:30–17:30

GAIN NEW SCIENTIFIC KNOWLEDGE IN *your own language*
FROM DEDICATED SESSIONS IN ITALIAN

Target Audience

Clinician, Epidemiologist, General practitioner, Paediatrician, Nurse, Fellow, Thoracic surgeon

Chairs: Blasi Francesco (Italy), Centanni Stefano (Italy)

09:00 Introduction and welcome

Guy F Joos (Belgium)

09:27 COPD: the Italian recommendation

Stefano Centanni (Italy)

09:54 Severe asthma: the SANI project

Giorgio Walter Canonica (Italy)

10:21 Bronchiectasis: the IRIDE and EMBARC projects

Francesco Blasi (Italy)

10:48 Break

11:12 Cystic Fibrosis: how to manage the adults in Italy

Carlo Castellani (Italy)

11:39 Asthma in children: an update

Fernando Maria De Benedictis (Italy)

12:06 Lung transplantation in Italy: can we do something better?

Federica Meloni (Italy)

12:33 ILD update: the Italian experience

Luca Richeldi (United Kingdom)

13:00 Break

14:00 Presentation from Italian Fellowship recipient
“Endothelial aggregation in pulmonary arterial hypertension”

Paolo Pozzi (Italy)

14:15 Presentation from Italian Fellowship recipient

“Cardiovascular events in OSA patients with moderate to severe obesity on positive airway pressure therapy”

Anna Maria Marotta (Italy)

14:30 Presentation from Italian Fellowship recipient “The burden of sinus disease in cystic fibrosis lung transplant recipients”

Letizia Corinna Morlacchi (Italy)

14:45 Presentation from Italian Fellowship recipient

“Inflammatory and functional biomarkers of the T2-low endotype in exercise-induced asthma”

Matteo Bonini (London, United Kingdom)

15:00 Presentation from Italian Fellowship recipient “Viral factors in determining clinical manifestations of infants with bronchiolitis”

Raffaella Nenna (Italy)

15:15 Presentation from Italian Fellowship recipient “Diffuse lung disease in children”

Nicola Ullmann (Italy)

15:30 Panel discussion



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PNEUMOLOGIA

ERS-SPLF Joint Session

Saturday 9 September, 2017 at the ERS International Congress Milan, Italy, Room Purple (North), 13:30–17:30

GAIN NEW SCIENTIFIC KNOWLEDGE IN *your own language*
FROM DEDICATED SESSIONS IN FRENCH

Note that the presentations will be conducted in French with dual projection of slides in French and English

13:30–15:45 ERS/French Programme I

News

Chairs: Guy F Joos (Belgium), François Chabot (France)

13:30 Acute thrombo-embolism disease and cancers

Guy Meyer (France)

13:57 Chronic pulmonary aspergillosis care

Jacques Cadranel (France)

14:25 Therapeutic innovation in mesothelioma

Arnaud Scherpereel (France)

14:52 The 4Ps medicine

Antoine Magnan (France)

15:20 Break

15:40–17:30 ERS/French Programme II

Bronchial diseases: innovations and perspectives

Chairs: Guy Brusselle (Belgium), Nicolas Roche (France)

15:40 Inflammatory regulation in asthma: IL37 vs IL17

Agnès Hamzaoui (Tunisia)

16:07 Asthma thermoplasty: clinical and histopathological correlation

Camille Taillé (France)

16:35 From the hygienist hypothesis to the microbiotic hypothesis

Erika von Mutius (Germany)

17:02 COPD genetics and epigenetics

Guy Brusselle (Belgium)



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ERS-SPLF Sessions communes

Samedi 9 septembre 2017 au Congrès International de l'ERS, Milan, Italie, Salle Purple (Nord), 13h30-17h30

VENEZ ACQUÉRIR DE NOUVELLES CONNAISSANCES SCIENTIFIQUES
DANS *votre propre langue* AVEC LES SESSIONS EN FRANÇAIS.

Cette présentation est donnée en français accompagnée d'une projection bilingue (français, anglais).

13h30-15h45 Session I

Actualités

Modérateurs: Guy F Joos (Belgique), François Chabot (France)

- 13:30 Maladie thrombo-embolique aiguë et cancers
Guy Meyer (France)
- 13:57 Prise en charge de l'aspergillose pulmonaire chronique
Jacques Cadranet (France)
- 14:25 Innovations thérapeutiques dans le mésothéliome
Arnaud Scherpereel (France)
- 14:52 La médecine 4P
Antoine Magnan (France)
- 15:20 Pause

15h40-17h30 Session II

Innovations et perspectives dans les maladies des bronches

Modérateurs: Guy Brusselle (Belgique), Nicolas Roche (France)

- 15:40 Régulation de l'inflammation dans l'asthme : IL37 vs IL17
Agnès Hamzaoui (Tunisie)
- 16:07 La thermoplastie dans l'asthme : corrélation clinique et histopathologique
Camille Taillé (France)
- 16:35 De l'hypothèse hygiéniste à l'hypothèse microbiotique
Erika von Mutius (Allemagne)
- 17:02 Génétique et épigénétique de la BPCO
Guy Brusselle (Belgique)



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ERS-CTS 联合讨论专场

2017年9月9日 周六 欧洲呼吸学会米兰国际大会，意大利
会议室：Red (North), 8:30-13:00

通过中国特别专场用自己的语言获得最新的学术知识

中国专场I

主席：钟南山（中国）， Carlos Manuel Silva Robalo Cordeiro（葡萄牙）

- 08:30 慢阻肺长期维持治疗策略的新进展
钟南山（中国）
- 08:55 同步多位点基因突变检测在晚期非小细胞肺癌中的重要作用
Burghuber Otto Chris（奥地利）
- 09:20 中国慢性气道疾病负担与诊治现状
王辰（中国）
- 09:45 中国无创通气应用与研究
陈荣昌（中国）
- 10:10 休息

中国专场II

主席：王辰（中国）， Carlos Manuel Silva Robalo Cordeiro（葡萄牙）

- 10:40 肺癌筛查
Mina Gaga（希腊）
- 11:05 成人社区获得性肺炎—中华医学会呼吸病学分会2016年的诊断与治疗指南
瞿介明（中国）
- 11:30 重度哮喘：从炎症表型到治疗
Joos Guy F（比利时）
- 11:55 嗜酸细胞与哮喘—传统与新展望
沈华浩（中国）
- 12:20 肺炎：如何降低高病死率？
Welte Tobias（德国）
- 12:45 闭幕



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ERS-CTS Joint Session

Saturday 9 September, 2017 at the ERS International Congress Milan, Italy, Room Red (North), 08:30–13:00

GAIN NEW SCIENTIFIC KNOWLEDGE IN *your own language*
FROM DEDICATED SESSIONS IN CHINESE

Chinese Programme 2017

Chairs: Wang Chen (China), da Silva Robalo Cordeiro Carlos Manuel (Portugal)

08:30 Recent advance in long term maintenance management strategy of COPD
Zhong NanShan (China)

08:55 Reflex testing is crucial for treatment decisions in advanced non small cell lung cancer (NSCLC)
Burghuber Otto Chris (Austria)

09:20 Burden and current management status of chronic respiratory airway disorders in China
Wang Chen (China)

09:45 Respiratory mechanics methodology for clinical practice and research on noninvasive ventilation in China
Chen Rong-Chang (China)

10:10 Break

10:40 Lung cancer screening

Mina Gaga (Athens, Greece)

11:05 Diagnosis and treatment of community-acquired pneumonia in adults: 2016 clinical practice guidelines by the Chinese Thoracic Society, Chinese Medical Association

Qu Jie-Ming (Shanghai, China)

11:30 Severe asthma: from inflammatory phenotype to treatment

Guy F Joos (Ghent, Belgium)

11:55 Eosinophils and asthma: classical and new perspectives

Huahao Shen (Hangzhou, China)

12:20 Pneumonia: how to reduce the still tremendous mortality

Tobias Welte (Hannover, Germany)

12:45 Closure



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ERS-RRS-ARSRM Joint Session

Saturday 9 September, 2017 at the ERS International Congress Milan, Italy, Room Bronze (Hall 4), 13:30–17:00

GAIN NEW SCIENTIFIC KNOWLEDGE IN *your own language*
FROM DEDICATED SESSIONS IN RUSSIAN

Aims

The session will discuss the problem of pulmonary hypertension.

Note that the presentations will be conducted in Russian and English with dual projection of slides in Russian and English.

13:30–15:20

Pulmonary hypertension (part I)

Chairs: Chuchalin Alexander G. (Russian Federation),
Humbert Marc (France)

- 13:30 Welcome and introduction (new approach for NO-therapy)
Chuchalin Alexander G. (Russian Federation)
- 13:50 Definitions and diagnosis
Galiè Nazzeno (Italy)
- 14:15 Treatment algorithm
Humbert Marc (France)
- 14:40 General and standard therapy of pulmonary arterial hypertension
Tsareva Natalia (Russian Federation)
- 15:05 Break

15:20–17:00

Pulmonary hypertension (part II)

Chairs: Chazova Irina (Russian Federation), Rosenkranz
Stephan (Germany)

- 15:20 Russian recommendation and registry of pulmonary hypertension
Chazova Irina (Russian Federation)
- 15:45 Chronic thromboembolic pulmonary hypertension
Edemskiy Alexander (Novosibirsk, Russian Federation)
- 16:10 Pulmonary hypertension due to lung disease
Avdeev Sergey (Russian Federation)
- 16:35 Pulmonary hypertension to left heart disease
Rosenkranz Stephan (Germany)



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Совместная сессия Европейского и Российского Респираторных Обществ

Суббота, 9 сентября 2017 года на Международном конгрессе ERS,
Милан, Италия, зал Purple (зал 4), 13:30-17:00

СПЕЦИАЛИЗИРОВАННАЯ РУССКОЯЗЫЧНАЯ СЕССИЯ С ПРЕДСТАВЛЕНИЕМ НОВОЙ
НАУЧНОЙ ИНФОРМАЦИИ НА РУССКОМ ЯЗЫКЕ

Цель сессии

В рамках сессии планируется обсуждение проблем легочной гипертензии. Обратите внимание, что сессия будет проводиться на русском и английском языках с одновременной демонстрацией слайдов на двух языках.

13:30–15:20

Легочная гипертензия (часть 1)

Со-председатели: Chuchalin Alexander G. (Чучалин Александр), Humbert Marc (Гумберт Марк)

- 13:30 Приветствие и вступление (новые подходы к NO-терапии)
Александр Чучалин (Российская Федерация)
- 13:50 Определение и диагностика
Галие Наззарено (Италия)
- 14:15 Алгоритм терапии
Гумберт Марк (Франция)
- 14:40 Общие подходы и стандарты терапии легочной артериальной гипертензии
Наталья Царева (Российская Федерация)
- 15:05 *Перерыв*

15:20–17:00

Легочная гипертензия (часть 2)

Со-председатели: Chazova Irina (Чазова Ирина)
Rosenkranz Stephan (Розенкранц Стефан)

- 15:20 Российские рекомендации и регистр легочной гипертензии
Чазова Ирина (Российская Федерация)
- 15:45 Хроническая тромбоэмболическая легочная гипертензия
Эдемский Александр (Новосибирск, Российская Федерация)
- 16:10 Легочная гипертензия вследствие заболеваний легких
Авдеев Сергей (Российская Федерация)
- 16:35 Легочная гипертензия при заболеваниях левых камер сердца
Розенкранц Стефан (Германия)



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ERS-ALAT-SBPT-SEPAR-SPP Joint Spanish / Portuguese Session

Saturday 9 September, 2017 at the ERS International Congress Milan, Italy, Room Red (North), 13:30–17:30

GAIN NEW SCIENTIFIC KNOWLEDGE IN *your own language*
FROM DEDICATED SESSIONS IN SPANISH AND PORTUGUESE

Aims

The aim of this session is to discuss key issues in respiratory medicine, providing the opportunity to hear about the latest scientific developments by representatives of these societies.

Note that the presentations will be conducted in Portuguese or Spanish, and in English, with dual projection of slides in either Spanish or Portuguese and English.

13:30–15:00

Spanish and Portuguese Session I

Chairs: Palomar Lever Andrés (Mexico), Lundgren Fernando (Brazil)

- 13:30 Instrumentación de programas de espirometría y la detección de la EPOC en Latinoamérica
Vazquez García Juan Carlos (Mexico)
- 14:00 Advances in the treatment of severe asthma
Stolz Daiana (Switzerland)
- 14:30 Break

Target Audience

ERS International Congress participants from Spanish and Portuguese speaking countries, all other delegates are welcome.

15:00–17:30

Spanish and Portuguese Session II

Chairs: Coelho Pinto Hespagnol Venceslau José (Portugal), Alfageme Michavila Inmaculada (Spain)

- 15:00 Impact of Clinical and Pathological assessment on IPF treatment and prognosis
Martins Morais António Manuel (Portugal)
- 15:30 Spanish registry of bronchiectasis: update and results
Martínez García Miguel Ángel (Spain)
- 16:00 Introduction keynote lecturer
da Silva Robalo Cordeiro Carlos Manuel (Portugal)
- 16:15 Would new drugs and regimens permit shorter TB treatments? Up to date
Pretti Dalcolmo Margareth Maria (Brazil)
- 17:00 Panel discussion



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SEPAR Sociedad Española
de **Neumología**
y **Cirugía Torácica**
SEPAR





ERS-ALAT-SBPT-SEPAR-SPP

Sesión conjunta Español/Portugués

Sábado 9 de Septiembre de 2017 en el Congreso Internacional ERS de Milán, Italia, Sala Purple (Norte), 13:30–17:30

ADQUIERA NUEVOS CONOCIMIENTOS CIENTÍFICOS EN *su propio idioma* EN UNAS SESIONES ESPECÍFICAS EN ESPAÑOL Y PORTUGUÉS

Objetivos

El objetivo de esta sesión es discutir de los temas clave en medicina respiratoria, ofreciendo la oportunidad de escuchar acerca de los últimos avances científicos.

Note que las presentaciones se realizarán en español, portugués e inglés con proyección dual de diapositivas en los tres idiomas.

13:30–15:00

I Sesión español y portugués

Moderadores: Palomar Lever Andrés (México), Lundgren Fernando (Brasil)

- 13:30 Instrumentación de programas de espirometría y la detección de la EPOC en Latinoamérica
Vázquez García Juan Carlos (México)
- 14:00 Avancos no tratamento da asma severa
Stolz Daiana (Suiza)
- 14:30 Break

Público Objetivo

Los participantes del Congreso Internacional ERS de países de lengua española y portuguesa. Bienvenida de todos los demás.

15:00–17:30

II Sesión español y portugués

Moderadores: Coelho Pinto Hespagnol Venceslau José (Portugal), Alfageme Michavila Inmaculada (España)

- 15:00 Impacto da Clínica e avaliação patológica em tratamento e prognóstico IPF
Martins Morais António Manuel (Portugal)
- 15:30 Registro Español de Bronquiectasias: actualización y resultados
Martínez García Miguel Ángel (España)
- 16:00 Introducción orador principal
da Silva Robalo Cordeiro Carlos Manuel (Portugal)
- 16:15 Novos fármacos e regimes permitiriam tratamentos mais curtos? Atualizar
Pretti Dalcolmo Margareth Maria (Brasil)
- 17:00 Panel de discusión



ERS-ALAT-SBPT-SEPAR-SPP

Sessão Conjunta Espanhol / Português

Sábado, 9 de setembro de 2017, no Congresso Internacional da ERS, Milán, Italia, Room Red (North), 13:30–17:30

ADQUIRA NOVOS CONHECIMENTOS CIENTÍFICOS *na sua própria língua* ATRAVÉS DE SESSÕES DEDICADAS EM ESPANHOL E PORTUGUÊS

Objetivos

O objetivo desta sessão é discutir questões-chave em medicina respiratória, proporcionando a oportunidade de ouvir sobre os últimos desenvolvimentos científicos por representantes dessas sociedades.

Note-se que as apresentações serão conduzidas em Português ou Espanhol e em Inglês, com dupla projecção de diapositivos em espanhol ou Português e Inglês

13:30–15:00

Espanhol e português Sessão I

Moderadores: Palomar Lever Andrés (México), Lundgren Fernando (Brasil)

13:30 Instrumentación de programas de espirometría y la detección de la EPOC en Latinoamérica
Vazquez García Juan Carlos (México)

14:00 Avanços no tratamento da asma grave
Stolz Daiana (Suíça)

14:30 Break

Público-Alvo

Os participantes do Congresso Internacional ERS de países de língua espanhola e portuguesa, todos os outros delegados são bem-vindos.

15:00–17:30

Espanhol e português Sessão II

Moderadores: Coelho Pinto Hespagnol Venceslau José (Portugal), Alfageme Michavila Inmaculada (Espanha)

15:00 Impacto da Clínica e avaliação patológica em tratamento e prognóstico IPF
Martins Morais António Manuel (Portugal)

15:30 Registro Español de Bronquiectasias: actualización y resultados
Martínez García Miguel Ángel (Espanha)

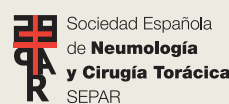
16:00 Introducción orador principal
da Silva Robalo Cordeiro Carlos Manuel (Portugal)

16:15 Novos fármacos e regimes permitiriam tratamentos mais curtos? Atualizar
Pretti Dalcolmo Margareth Maria (Brasil)

17:00 Panel de discusión



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INVITATION JOIN US AT THE
OPENING SESSION *of the*
ERS International Congress 2017

SEPTEMBER 9 AT 17:45 / GOLD ROOM /

MICO MILANO CONGRESSI / DRESS

SMART CASUAL



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EUROPEAN RESPIRATORY SOCIETY

INTERNATIONAL CONGRESS 2017

MILAN italy, 9-13 september

10:00 - 18:00

Public: Healthy Lungs for Life - public lung function testing(location: Piazza Luca Beltrami)

10:00 - 10:30

Public: Opening of the HLfL event in Milan - Via Beltrami- Piazza Castello

08:30 - 11:30

HERMES examination: HERMES Exam preparations - morning

08:30 - 10:40

Session: ERS/CTS Chinese Programme 2017 (part I)

Part I

Aims : The session will present and discuss the new advances in respiratory medicine presented by experienced speakers from the ERS leadership and Chinese leaders in respiratory medicine. The session will offer an overview on respiratory airway disorders, lung cancer, COPD noninvasive ventilation and the possibility to discuss similarities and differences in Europe and China. Note that the presentations will be conducted in English with dual projection of slides in Chinese and English.

Chairs : Carlos Manuel Da Silva Robalo Cordeiro (Coimbra, Portugal), Nanshan Zhong (Guangzhou, China)

08:30 **Recent advance in long term maintenance management strategy of COPD**
Nanshan Zhong (Guangzhou, China)

08:55 **Reflex testing is crucial for treatment decisions in advanced non small cell lung cancer (NSCLC)**
Otto Chris Burghuber (Vienna, Austria)

09:20 **Burden and current management status of chronic respiratory airway disorders in China**
Chen Wang (BEIJING, China)

09:45 **Application and investigation of noninvasive ventilation in China**
Rong-Chang Chen (Guangzhou, China)

10:10 **Break**

09:00 - 16:30

Session: ERS Italian Day programme

Aims : The session aims at presenting the Italian latest data on epidemiology, diagnosis and treatment of the major respiratory diseases. During the afternoon session the Italian young fellows of ERS/SIP/AIPO will present and discuss the results of their fellowships. La sessione è indirizzata a presentare i più recenti dati italiani sulla epidemiologia, diagnosi e trattamento delle principali malattie respiratorie. Durante la sessione pomeridiana i giovani che hanno beneficiato di fellowship ERS/AIPO/SIP presenteranno e discuteranno i risultati dei propri studi.

Target audience : Clinician, Epidemiologist, General practitioner, Paediatrician, Nurse, Fellow, Thoracic surgeon

Chairs : Francesco Blasi (Milan, Italy), Stefano Centanni (Milan, Italy)

09:00 **Introduction and welcome**
Introduzione e benvenuto
Guy F Joos (Ghent, Belgium)

09:27 **COPD: the Italian recommendation**
BPCO: le raccomandazioni Italiane
Stefano Centanni (Milan, Italy)

09:54 **Severe asthma: the SANI project**
Asma Grave: il progetto SANI
Giorgio Walter Canonica (Milan, Italy)

10:21 **Bronchiectasis: the IRIDE and EMBARC projects**
Bronchiectasie: i progetti IRIDE e EMBARC
Francesco Blasi (Milan, Italy)

10:48 **Break**
Pausa

11:12 **Cystic Fibrosis: how to manage the adults in Italy**
Fibrosi Cistica: come gestire l'adulto in Italia
Carlo Castellani (VERONA, VR, Italy)

11:39 **Asthma in children: an update**
Asma nel bambino: un update
Fernando Maria De Benedictis (Ancona, AN, Italy)

12:06	Lung transplantation in Italy: can we do something better? Il trapianto polmonare in Italia: possiamo fare di meglio? Federica Meloni (Pavia, Italy)
12:33	ILD update: the Italian experience ILD update: l'esperienza italiana Luca Richeldi (Southampton, United Kingdom)
13:00	Break Pausa
14:00	Presentation from Italian Fellowship recipient "Endothelial aggregation in pulmonary arterial hypertension" Paolo Pozzi (Cantù, CO, Italy)
14:15	Presentation from Italian Fellowship recipient "Cardiovascular events in Osa patients with moderate to severe obesity on positive airway pressure therapy" Anna Maria Marotta (Palermo, PA, Italy)
14:30	Presentation from Italian Fellowship recipient "The burden of sinus disease in cystic fibrosis lung transplant recipients" Letizia Corinna Morlacchi (Milan, Italy)
14:45	Presentation from Italian Fellowship recipient "Inflammatory and functional biomarkers of the T2-low endotype in exercise-induced asthma" Matteo Bonini (London, United Kingdom)
15:00	Presentation from Italian Fellowship recipient "Viral factors in determining clinical manifestations of infants with bronchiolitis" Raffaella Nenna (Roma, Italy)
15:15	Presentation from Italian Fellowship recipient "Diffuse lung disease in children" Nicola Ullmann (Rome, Italy)
15:30	Panel discussion

09:30 - 17:30

Professional development workshop: PDW1 Spirometry training programme: Become a programme organiser

Become a course organiser

Aims : To provide participants with the knowledge and tools to teach high quality spirometry, and to provide the necessary training for those who would like to train and certify participants for the European Spirometry Driving Licence Parts 1 and 2 within Europe.

Tag(s) : Clinical

Chairs : Brendan Cooper (Edgbaston, Birmingham, United Kingdom)

ONLINE MODULES Principles of teaching and learning & Principles of assessment
Tiuri van Rossum (Maastricht, Netherlands)

09:30	Introduction & overview of the European Spirometry Driving License training programme Brendan Cooper (Edgbaston, Birmingham, United Kingdom)
10:15	Presentation and facilitation skills Vera Habes (Utrecht, Netherlands), Odile Van Eck (Waalre, Netherlands)
10:45	Break
11:15	Providing effective feedback Speaker to be confirmed
12:00	Lunch
13:00	Organising a European spirometry training programme Brendan Cooper (Edgbaston, Birmingham, United Kingdom), Felip Burgos Rincon (BARCELONA, Spain), Julie Lloyd (BIRMINGHAM, United Kingdom)
13:30	Delivery of Part 1. Teaching and learning & Assessment Felip Burgos Rincon (BARCELONA, Spain), Brendan Cooper (Edgbaston, Birmingham, United Kingdom), Julie Lloyd (BIRMINGHAM, United Kingdom), Jellien Makonga-Braaksma (Woudenberg, Netherlands)

15:00 Break**15:30 Delivery of Part 2. Teaching and learning & Assessment**
Brendan Cooper (Edgbaston, Birmingham, United Kingdom), Felip Burgos Rincon (BARCELONA, Spain), Julie Lloyd (BIRMINGHAM, United Kingdom), Jellien Makonga-Braaksma (Woudenberg, Netherlands)**16:30 Question and answers - All faculty**

09:30 - 13:00

Postgraduate Course: PG8 High-resolution computed tomography for pulmonologists: basics and beyond**Aims :** To provide a detailed review of the various patterns that are seen on high-resolution CT chest imaging; to review the sizing, appearance, and distribution of lung opacities in relation to the various differential diagnoses in the clinical setting; to provide guidelines for basic differential diagnosis on the basis of clinical history, the distribution of various patterns, and the presence of associated abnormalities.**Tag(s) :** Clinical**Target audience :** Clinician, Fellow, Junior member, Pathologist, Pulmonologist, Radiologist, Resident, Respiratory physician**Chairs :** Aleksandar Grgic (Homburg, Germany), Laura Fregonese (London, United Kingdom)**09:30 HRCT of nodular disease**
Johan Coolen (Leuven, Belgium)**10:00 HRCT of cystic lung diseases**
Aleksandar Grgic (Homburg, Germany)**10:30 Group assignment****11:00 Break****11:30 HRCT of idiopathic interstitial pneumonias, including linear and reticular opacities**
Simon Walsh (London, United Kingdom)**12:00 HRCT of drug-induced lung diseases**
Sara Piciucchi (Forlì, Italy)**12:30 Group assignment**

09:30 - 13:00

Postgraduate Course: PG9 Interventional pulmonology**Aims :** To describe the major indications and therapeutic modalities in interventional pulmonology and to discuss its possibilities and limitations.**Tag(s) :** Clinical**Target audience :** Clinician, Fellow, Junior member, Pathologist, Pulmonologist, Respiratory physician, Student, Trainee**Chairs :** Stefano Gasparini (Ancona, Italy), Nicolas Kahn (Heidelberg, Germany)**09:30 Endobronchial ultrasound**
Jouke T. Annema (Amsterdam, Netherlands)**10:00 Endoscopic lung volume reduction**
Daniela Gompelmann (Heidelberg, Germany)**10:30 Group assignment****11:00 Break****11:30 Cryobiopsy**
Venerino Poletti (Forlì, Italy)**12:00 Central airway obstruction**
Pallav L. Shah (London, United Kingdom)**12:30 Group assignment**

09:30 - 13:00

Postgraduate Course: PG10 Dysfunction of the diaphragm

Aims : To stress the importance of diaphragmatic dysfunction by describing its main causes and natural history; to provide new knowledge on assessing diaphragmatic dysfunction, with particular emphasis on ultrasound techniques; to discuss new insights on the diaphragm dysfunction that arises from mechanical ventilation; to describe how to treat diaphragm dysfunction.

Track(s) : Exercise, rehabilitation and physiology

Tag(s) : Clinical

Target audience : Allergologist, Clinician, Engineer, General practitioner, Lung function technician, Paediatrician, Physiologist, Physiotherapist, Pulmonologist, Researcher, Respiratory physician, Respiratory therapist, Scientist

Chairs : Paolo Palange (Rome, Italy), J. Alberto Neder (Kingston, ON, Canada)

09:30 Diaphragmatic dysfunction: causes and natural history
Michael Polkey (London, United Kingdom)

10:00 Evaluation of diaphragm dysfunction by ultrasound imaging
Andrea Aliverti (Milan, Italy)

10:30 Group assignment

11:00 Break

11:30 Ventilator-induced dysfunction of the diaphragm
Alexandre Demoule (PARIS, France)

12:00 New treatment approaches to diaphragmatic dysfunction in COPD
Esther Barreiro Portela (BARCELONA, Spain)

12:30 Group assignment

09:30 - 17:30

Postgraduate Course: PG1 Re-defining the role of chest physicians in lung cancer: new opportunities in diagnostics and therapy

Aims : To highlight the most recent advances in diagnostics and therapy which every chest physician should be aware of when piloting and tailoring personalised care for lung cancer patients in a multi-professional setting; to provide an overview of the rapidly evolving lung cancer care with the goal of chronifying a so far almost devastating disease.

Track(s) : Lung cancer

Tag(s) : Clinical

Target audience : Allied health professional, Clinician, Emergency medicine doctor, Fellow, General practitioner, Immunologist, Intensivist/critical care physician, Junior member, Lung function technician, Nurse, Oncologist, Pathologist, Patient, Pulmonologist, Radiologist, Researcher, Resident, Respiratory physician, Respiratory therapist, Scientist, Student, Thoracic endoscopist, Thoracic surgeon, Trainee, Pharmaceutical industry representative

Chairs : Matthew Evison (Manchester, United Kingdom), Joanna Chorostowska-Wynimko (Warsaw, Poland), Klimentini Bostantzoglou (Athens, Greece), Otto Chris Burghuber (Vienna, Austria)

09:30 Can lung cancer become a chronic disease? An update in lung cancer biology
Sam Janes (London, United Kingdom)

10:00 The chest physician as the lung cancer patient's guide: defining the role of the modern day chest physician throughout the lung cancer continuum
Torsten Gerriet Blum (Berlin, Germany)

10:30 Group assignment

11:00 Break

11:30 Non-invasive diagnostics: modern measures for screening and diagnosis
David Baldwin (Nottingham, United Kingdom)

12:00 Invasive diagnostics and endoscopic interventions: the chest physician's arsenal
Ales Rozman (Golnik, Slovenia)

12:30 Group assignment

13:00 Lunch

14:00	From staging to therapy: implications of the new staging system with a focus on multi-modal treatment options Jan van Meerbeeck (Edegem, Belgium)
14:30	Fitness for radical treatment modalities: efficient functional assessment, improving fitness and fitness-adapted therapy concepts including the elderly Matthew Evison (Manchester, United Kingdom)
15:00	Group assignment
15:30	Break
16:00	Pathology meets clinic: translating lung cancer pathology into personalised care Françoise Galateau-Salle (Caen, France)
16:30	Systemic therapies: optimising the sequences of chemotherapies, targeted therapies and immunotherapies Thierry Berghmans (BRUXELLES, Belgium)
17:00	Group assignment

09:30 - 13:00

Postgraduate Course: PG5 Pleural disease management

Aims : To provide an up-to-date and comprehensive overview of the best published evidence for the management of a range of pleural problems; to discuss difficult presentations of common pleural problems and to understand which investigations and treatment strategies are appropriate.

Track(s) : Respiratory infections Lung cancer

Tag(s) : Clinical

Target audience : Allied health professional, Clinician, Emergency medicine doctor, Fellow, General practitioner, Immunologist, Intensivist/critical care physician, Lung function technician, Nurse, Oncologist, Pathologist, Patient, Pulmonologist, Radiologist, Researcher, Resident, Respiratory physician, Respiratory therapist, Scientist, Student, Thoracic endoscopist, Thoracic surgeon, Trainee

Chairs : Philippe Astoul (Marseille, France), Rahul Bhatnagar (Bristol, United Kingdom)

09:30	Pleural infection Najib M. Rahman (Oxford, United Kingdom)
10:00	Malignant pleural effusions: diagnosis and management Julius P. Janssen (Nijmegen, Netherlands)
10:30	Group assignment
11:00	Break
11:30	Modern management of pneumothorax Nick Maskell (Bristol, United Kingdom)
12:00	Difficult pleural effusion management (e.g., chylothorax, trapped lung and rheumatoid effusions) Gary Yc Lee (Perth, Australia)
12:30	Group assignment

09:30 - 13:00

Postgraduate Course: PG6 Assessing and monitoring airway inflammation in asthma and chronic obstructive pulmonary disease

Aims : To provide an update on the methodologies that are used to evaluate airway inflammation in both asthma and COPD; to discuss direct and indirect ways of evaluating airway inflammation; to compare new and old biomarkers to clarify their clinical and research usefulness.

Track(s) : Chronic airway diseases

Tag(s) : Clinical

Target audience : Allergologist, Clinician, Fellow, General practitioner, Immunologist, Junior member, Lung function technician, Pulmonologist, Researcher, Respiratory physician, Scientist, Student

Chairs : Christopher E. Brightling (Leicester, United Kingdom), Stylianos Loukides (Voula, Greece)

09:30	Overview and history of different ways of assessing and monitoring inflammatory airway diseases Peter J. Barnes (LONDON, United Kingdom)
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10:00	Blood biomarkers in asthma and COPD Ian Douglas Pavord (Oxford, United Kingdom)
10:30	Group assignment
11:00	Break
11:30	Applications of induced sputum Antonio Spanevello (Milan, Italy)
12:00	Measurement of exhaled gases in chronic airway diseases Ildikó Horváth (Budakeszi, Hungary)
12:30	Group assignment

09:30 - 13:00

Postgraduate Course: PG7 Paediatric asthma

Aims : To provide a thorough overview of (1) the pathogenesis of asthma in children (a basic presentation), (2) the diagnosis of asthma (clinical and translational), (3) preschool wheezing (clinical), and (4) severe asthma (clinical and future perspectives).

Track(s) : Chronic airway diseases

Tag(s) : Paediatric

Target audience : Allergologist, Clinician, Fellow, General practitioner, Junior member, Lung function technician, Nurse, Paediatrician, Pulmonologist, Researcher, Respiratory physician, Student, Trainee, Emergency medicine doctor

Chairs : Erol Gaillard (Leicester, United Kingdom), Angela Zacharasiewicz (Vienna, Austria)

09:30	Pathogenesis of asthma in children Daniel Jackson (Madison, United States of America)
10:00	Diagnosis of asthma in children Marielle W.H. Pijnenburg (Rotterdam, Netherlands)
10:30	Preschool wheezing: what is new? Stephen Turner (Aberdeen, United Kingdom)
11:00	Break
11:30	New treatments in severe paediatric asthma Jonathan Grigg (London, United Kingdom), Speaker to be confirmed
12:00	Group assignment

09:30 - 13:00

Postgraduate Course: PG2 Multidrug-resistant tuberculosis management in settings with a low tuberculosis incidence**Clinical guidance on MDR-TB**

Aims : To bridge the knowledge gap on MDR-TB existing in high income countries frequently causing misdiagnosis and inaccurate treatment and therefore increasing the possibility of MDR-TB transmission; to describe the most advanced diagnostic and therapeutic tools that are currently available in countries with a low TB incidence, including molecular techniques and new anti-TB drugs.

Track(s) : Respiratory infections

Tag(s) : Clinical

Target audience : Clinician, Junior member, Microbiologist, Public health official, Pulmonologist, Respiratory physician, Scientist, TB specialist

Chairs : Onn Min Kon (London, United Kingdom), Chair to be confirmed

09:30	Epidemiology of MDR-TB in high income countries Dennis Falzon (Geneva, Switzerland)
10:00	Basic elements of MDR-TB diagnosis Alberto Matteelli (Geneva, Switzerland)
10:30	Group assignment
11:00	Break

11:30 **New and repurposed drugs for MDR-TB patients**
Payam Nahid (San Francisco, United States of America)

12:00 **Management of contact of patients with MDR-TB**
Rob van Hest (Groningen, Netherlands)

12:30 **Group assignment**

09:30 - 13:00

Postgraduate Course: PG3 Bronchiectasis

Aims : To provide up-to-date information about the daily management of non-cystic fibrosis patients with bronchiectasis during the stable state.

Track(s) : **Chronic airway diseases** **Respiratory infections**

Tag(s) : Clinical

Target audience : Allied health professional, Clinician, Emergency medicine doctor, Fellow, General practitioner, Immunologist, Junior member, Microbiologist, Nurse, Pathologist, Patient, Pharmaceutical industry representative, Physiotherapist, Pulmonologist, Radiologist, Researcher, Resident, Respiratory physician, Respiratory therapist, Scientist, Student, Thoracic surgeon, Trainee

Chairs : Stefano Aliberti (Milan, Italy), Anne O'Donnell (Washington, United States of America)

09:30 **Immunodeficits in bronchiectasis**
Melissa McDonnell (Galway, Ireland)

10:00 **Long-term antibiotic therapy**
Anne O'Donnell (Washington, United States of America)

10:30 **Anti-inflammatory treatment**
Conroy Wong (Auckland, New Zealand)

11:00 **Break**

11:30 **Physiotherapy and pulmonary rehabilitation**
Jordi Vilaro Casamitjana (Barcelona, Spain)

12:00 **Group assignment**

09:30 - 13:00

Postgraduate Course: PG11 Acute interstitial lung diseases

ILD in ICU

Aims : To describe the pathobiological basis, imaging features, diagnostic work-up, and ventilatory and non-ventilatory therapeutic strategies for acute ILDs.

Track(s) : **Acute and chronic respiratory failure/sleep**

Tag(s) : Clinical

Target audience : Clinician, Emergency medicine doctor, Intensivist/critical care physician, Pathologist, Pulmonologist, Radiologist, Respiratory physician, Scientist

Chairs : António Manuel Martins Morais (Maia, Portugal), Raffaele Scala (AREZZO, Italy)

09:30 **Acute lung injury and ILDs: biological and pathological bases**
Alessandra Dubini (Forlì, Italy)

10:00 **Imaging features of ILDs that present with rapidly progressive respiratory failure**
Gilbert R Ferretti (GRENOBLE, France)

10:30 **Group assignment**

11:00 **Break**

11:30 **Diagnostic work-up in patients with acute ILDs**
Sissel Kronborg-White (Aarhus, Denmark)

12:00 **Mechanical ventilation and beyond**
Philipp Lepper (Homburg/Saar, Germany)

12:30 **Group assignment**

09:30 - 13:00

Postgraduate Course: PG4 Noninvasive ventilation in respiratory failure

Aims : To review the physiological rationale for providing noninvasive support in patients with hypercapnia and hypoxemic failure; to present a state-of-the-art overview of the usefulness of NIV in specific patient categories (including COPD, weaning from invasive ventilation, and congestive heart failure); to discuss the limitations of noninvasive ventilation; to discuss new developments in noninvasive ventilator support.

Track(s) : Acute and chronic respiratory failure/sleep Exercise, rehabilitation and physiology

Tag(s) : Clinical

Target audience : Anaesthesiologist, Clinician, Emergency medicine doctor, Fellow, Intensivist/critical care physician, Junior member, Nurse, Pharmaceutical industry representative, Physiologist, Physiotherapist, Pulmonologist, Resident, Respiratory physician, Respiratory therapist, Trainee

Chairs : Mark W. Elliott (Leeds, United Kingdom), Lara Pisani (Bologna, Italy)

09:30 **Using physiology to set the ventilator during NIV**
Leo M.A. Heunks (Amsterdam, Netherlands)

10:00 **NIV in hypercapnic failure**
Michael Dreher (Aachen, Germany)

10:30 **Group assignment**

11:00 **Break**

11:30 **NIV in hypoxemic failure and difficult weaning**
Elise Morawiec (Paris, France)

12:00 **Role of ventilator mode and interface in optimising patient-ventilator interactions under NIV**
Paolo Navalesi (Milan, Italy)

12:30 **Group assignment**

09:30 - 11:15

Session: Primary Care programme 2017 (part I)

Transforming healthcare to optimise management of long-term respiratory disease

Aims : Using the framework of the chronic care model, this Primary Care programme will address how to optimise the management of people with long-term respiratory disease.

Tag(s) : Clinical

Target audience : Clinician, General practitioner, Allied health professional, Patient, Pulmonologist, Respiratory physician

Chairs : Janwillem W. H. Kocks (Groningen, Netherlands), Karin Lisspers (Gagnef, Sweden)

09:30 **Transforming care for chronic conditions**

10:00 **Organisation of healthcare: implementing effective care**
Antonio Caviglia (Saronno, Italy)

10:30 **Organisation of healthcare: clinical information systems**
Aziz Sheikh (Edinburgh, United Kingdom)

11:00 **Panel discussion**

10:00 - 17:30

Patient: ELF Patient Organisation Networking Day

Aims : To bring together patient organisations and primary healthcare professionals to share experiences and promote collaboration.

Chairs : Chair to be confirmed

10:00 - 18:00

Public: Healthy Lungs for Life - public lung function testing (Piazza L. Beltrami)

10:40 - 13:00

Session: ERS/CTS Chinese Programme 2017 (part II)
Part II

Aims : The session will present and discuss the new advances in respiratory medicine presented by experienced speakers from the ERS leadership and Chinese leaders in respiratory medicine. The session will offer an overview on respiratory airway disorders, lung cancer, COPD noninvasive ventilation and the possibility to discuss similarities and differences in Europe and China. Note that the presentations will be conducted in English with dual projection of slides in Chinese and English.

Chairs : Carlos Manuel Da Silva Robalo Cordeiro (Coimbra, Portugal), Chen Wang (BEIJING, China)

10:40 **Lung cancer screening**
Mina Gaga (ATHENS, Greece)

11:05 **Diagnosis and treatment of community-acquired pneumonia in adults: 2016 clinical practice guidelines by the Chinese Thoracic Society, Chinese Medical Association**
Jie-Ming Qu (Shanghai, China)

11:30 **Severe asthma: from inflammatory phenotype to treatment**
Guy F Joos (Ghent, Belgium)

11:55 **Eosinophils and asthma: classical and new perspectives**
Huahao Shen (Hangzhou, China)

12:20 **Pneumonia: how to reduce the still tremendous mortality**
Tobias Welte (Hannover, Germany)

12:45 **Closure**

11:30 - 13:00

Session: Primary Care programme 2017 (part II)
The key triad: patient, healthcare system and the community

Aims : Using the framework of the chronic care model, this Primary Care programme will address how to optimise the management of people with long-term respiratory disease.

Tag(s) : Clinical

Chairs : Hilary Pinnock (Edinburgh, United Kingdom), Augusto Zaninelli (Florence, Italy)

11:30 **An informed and motivated healthcare team**
Speaker to be confirmed

11:55 **An informed and supportive community**

12:20 **An informed and activated patient**
Speaker to be confirmed

12:45 **The patient perspective**
Mikaela Odemyr (Brussels, Belgium)

12:00 - 14:00

HERMES examination: HERMES Exam preparations - pre-Exam

13:30 - 15:40

Session: French Programme jointly organised with ERS/SPLF (part I)
Actualités (news)

Aims : L'objectif de cette session est de présenter un large panorama des actualités dans divers domaines de la pneumologie. Cette sessions couvrira notamment des actualités thérapeutiques dans ces différents domaines. The aim of this session is to present a wide range of the latest news in various fields of pneumology. This session will cover therapeutic news among these.

Note that the presentations will be conducted in French with dual projection of slides in French and English.

Target audience : Clinician, Researcher

Chairs : Guy F Joos (Ghent, Belgium), François Chabot (VANDOEUVRE-LES-NANCY, France)

13:30 **Maladie thrombo-embolique aiguë et cancers Acute thrombo-embolism disease and cancers**
Guy Meyer (Paris, France)

13:57 **Prise en charge de l'aspergillose pulmonaire chronique Chronic pulmonary aspergillosis care**
Jacques Cadranel (Paris, France)

14:25 **Innovations thérapeutiques dans le mésothéliome Therapeutic innovation in mesothelioma**
Arnaud Scherpereel (LILLE, France)

14:52 **La médecine 4P The 4Ps medicine**
Antoine Magnan (NANTES, France)

15:20 **Break**

13:30 - 15:20

Session: ERS, RRS, ARSRM joint session in Russian "Pulmonary hypertension" (part I)

Aims : The session will discuss of the problematic of pulmonary hypertension.

Note that the presentations will be conducted in Russian and English with dual projection of slides in Russian and English.

Target audience : Pulmonologist, General practitioner, Allied health professional

Chairs : Alexander G. Chuchalin (MOSCOW, Russian Federation), Marc Humbert (Paris, France)

13:30 **Welcome and introduction (new approach for NO-therapy)**
Alexander G. Chuchalin (MOSCOW, Russian Federation)

13:50 **Definitions and diagnosis**
Nazzareno Galiè (Bologna, BO, Italy)

14:15 **Treatment algorithm**
Marc Humbert (Paris, France)

14:40 **General and standard therapy of pulmonary arterial hypertension**
Natalia Tsareva (Moscow, Russian Federation)

15:05 **Break**

13:30 - 15:00

Session: ERS / ALAT / SBPT / SEPAR / SPP joint Spanish and Portuguese session (part I)

Aims : The aim of this session is to discuss key issues in respiratory medicine, providing the opportunity to hear about the latest scientific developments by representatives of these societies. Note that the presentations will be conducted in Portuguese or Spanish, and in English, with dual projection of slides in either Spanish or Portuguese and English.

Chairs : Andrés Palomar Lever (Mexico, Mexico), FERNANDO LUIZ CAVALCANTI LUNDGREN (Pernambuco, Brazil)

13:30 **Instrumentation of spirometry programs and the detection of COPD in Latin America Instrumentación de programas de espirometría y la detección de la EPOC en Latinoamérica**
Juan Carlos Vazquez García (MÉXICO D.F, Mexico)

14:00 **Advances in the treatment of severe asthma (Avancos no tratamento da asma severa)**
Daiana Stolz (Basel, Switzerland)

14:30 **Break**

14:00 - 17:30

Postgraduate Course: PG13 Sleep-disordered breathing: diagnosis and therapy

Aims : To make aware of the different clinical entities related to sleep-disordered breathing and the tools that can be used for its screening and diagnosis; to provide insights into the consequences of sleep-disordered breathing and the treatment modalities.

Track(s) : Acute and chronic respiratory failure/sleep

Tag(s) : Clinical

Target audience : Allied health professional, Fellow, General practitioner, Junior member, Lung function technician, Pulmonologist, Researcher, Resident, Respiratory physician, Respiratory therapist, Scientist, Sleep specialist/technologist, Trainee

Chairs : Winfried J. Randerath (Solingen, Germany), Dries Testelmans (Leuven, Belgium)

14:00 **Diagnosis and treatment of sleep-disordered breathing: the patient's point of view**
Piet-Heijn van Mechelen (Heemstede, Netherlands)

14:30 **Diagnosis of sleep-related breathing disorders: questionnaires, screening, and sleep studies**
Johan Verbraecken (Antwerp, Belgium)

15:00 **Group assignment**

15:30 **Break**

16:00 **Sleep apnoea and hypoventilation syndromes: pathophysiological consequences**
Stefan Andreas (Immenhausen, Germany)

16:30 **Sleep apnoea and hypoventilation syndromes: management and therapies**
Jean-Louis Pépin (Grenoble, France)

17:00 **Group assignment**

14:00 - 17:30

Postgraduate Course: PG14 Smoking cessation in patients with respiratory diseases

Aims : This course will: (1) provide respiratory professionals with smoking cessation knowledge and tools to apply in their everyday practice, (2) provide an update on smoking cessation guidelines; (3) raise awareness of the positive impact of smoking cessation measures in the treatment of lung diseases; and (4) explain the specific factors to take into account when treating specific groups of patients.

Track(s) : Chronic airway diseases

Tag(s) : Clinical, Smoking prevention and cessation (HLfL)

Target audience : Allergologist, Allied health professional, Cardiologist, Clinician, Educationalist, Epidemiologist, Fellow, General practitioner, Junior member, Nurse, Occupational therapist, Oncologist, Patient, Physiotherapist, Psychologist, Public health official, Pulmonologist, Researcher, Resident, Respiratory physician, Respiratory therapist, Student, Trainee

Chairs : Sofia Belo Ravara (Covilhã, Portugal), Philip Tønnesen (Glostrup, Denmark)

14:00 **Behavioural counselling for smoking cessation in respiratory patients and other interventions to reduce harm**
Dimos Fotopoulos (Athens, Greece)

14:30 **Smoking cessation in COPD patients (with comorbidities)**
Carlos Andres Jimenez Ruiz (Madrid, Spain)

15:00 **Group assignment**

15:30 **Break**

16:00 **Smoking cessation in lung cancer patients**
Keir E. Lewis (Llanelli, United Kingdom)

16:30 **Smoking cessation in asthma patients**
Paraskevi Katsaounou (Athens, Greece), David Candlish (Nantwich, United Kingdom)

17:00 **Group assignment**

14:00 - 17:30

Postgraduate Course: PG20 Lung transplantation

Aims : Joint ERS-ESOT course to highlight the current practice guidelines and management recommendations in lung transplantation in terms of patient referral and selection, bridging the time on the waiting list before transplantation, peri-operative management and anaesthesia, post-operative ICU management, and early and late post-transplantation care.

Track(s) : Interstitial lung disease and vascular disease Acute and chronic respiratory failure/sleep

Tag(s) : Clinical

Target audience : Allied health professional, Anaesthesiologist, Clinician, Fellow, General practitioner, Immunologist, Intensivist/critical care physician, Junior member, Lung function technician, Microbiologist, Nurse, Paediatrician, Pathologist, Physiotherapist, Psychologist, Pulmonologist, Radiologist, Researcher, Resident, Respiratory physician, Respiratory therapist, Scientist, Sleep specialist/technologist, Social worker, Student, Thoracic surgeon, Trainee

Chairs : Christian Benden (Zürich, Switzerland), Federica Meloni (Pavia, Italy)

14:00 **Patient referral and selection**
Are Martin Holm (Oslo, Norway)

14:30 **Bridging the time on the waiting list and ICU care before lung transplantation**
Clemens Aigner (Essen, Germany)

15:00 **Group assignment**

15:30 **Break**

16:00 **Peri-operative management and anaesthesia**
Arne Neyrinck (Leuven, Belgium)

16:30 **Early and late post-transplantation care**
Claus Neurohr (Munich, Germany)

17:00 **Group assignment**

14:00 - 17:30

Postgraduate Course: PG21 Self-management in chronic respiratory diseases

Aims : To provide an overview of the evidence for and the applicability of self-management interventions in patients with respiratory diseases, particularly those with asthma and COPD; to discuss different self-management intervention components, with particular focus on behavioural change techniques, tele-health devices and advance care planning.

Track(s) : Chronic airway diseases

Tag(s) : Clinical

Target audience : Allied health professional, General practitioner, Junior member, Nurse, Occupational therapist, Patient, Physiotherapist, Psychologist, Pulmonologist, Researcher, Respiratory physician, Respiratory therapist

Chairs : Job van der Palen (Enschede, Netherlands), Jean Bourbeau (Montreal, Canada)

14:00 **Self-management in COPD patients**
Tanja Effing-Tijdhof (Daw Park, Australia)

14:30 **Self-management in asthma patients**
Hilary Pinnock (Edinburgh, United Kingdom)

15:00 **Behavioural change techniques**
Speaker to be confirmed

15:30 **Break**

15:45 **Group assignment**

16:45 **Implementation of self-management interventions**
Hilary Pinnock (Edinburgh, United Kingdom)

17:00 **Advance care planning**
Speaker to be confirmed

14:00 - 17:30

Postgraduate Course: PG15 Asthma stratification

Aims : To present the innovations in asthma stratification that facilitate personalised therapeutic strategies. The specific aims are to highlight the importance of stratifying asthma patients for correct therapeutic approaches, explain the importance of both clinical and biomarker assessment in patient stratification, indicate the value of molecular stratification for understanding disease-driving mechanisms and how this may translate to new therapies particularly for non-T2 asthma.

Track(s) : Chronic airway diseases

Tag(s) : Basic translational science

Target audience : Allergologist, Clinician, Fellow, General practitioner, Immunologist, Junior member, Lung function technician, Occupational therapist, Pathologist, Pharmaceutical industry representative, Pulmonologist, Researcher, Resident, Respiratory physician, Scientist, Student, Trainee

Chairs : Kian Fan Chung (London, United Kingdom), Fabio L. M. Ricciardolo (ORBASSANO (TO), Italy)

14:00 **The need for asthma phenotyping**
Louise Fleming (London, United Kingdom)

14:30 **Biomarker-high patients, compliance, and steroid responsiveness**
Liam Heaney (Belfast, United Kingdom)

15:00 **Group assignment**

15:30 **Break**

16:00 **Unbiased approaches to asthma stratification: the road to novel therapies**
Peter J. Sterk (Amsterdam, Netherlands)

16:30 Patient stratification and targeted drug therapy: T2 asthma and beyond
Gary P. Anderson (Parkville, VIC, Australia)

17:00 Group assignment

14:00 - 17:30

Postgraduate Course: PG19 In vitro models of the pulmonary epithelium: beyond simple culture

Aims : To provide an introduction to the latest developments in in vitro lung research techniques, with a particular focus on the epithelial cells of the lung.

Track(s) : Chronic airway diseases

Tag(s) : Basic translational science

Target audience : Engineer, Fellow, Immunologist, Junior member, Microbiologist, Pathologist, Researcher, Scientist, Student

Chairs : Colin Bingle (Sheffield, United Kingdom), Robbert J. Rottier (Rotterdam, Netherlands)

14:00 Creating the human alveolar air-liquid interface in vitro
Terry Tetley (London, United Kingdom)

14:30 In vitro models of the fully differentiated human large airway epithelium
Susan D. Reynolds (Denver, United States of America)

15:00 Group assignment

15:30 Break

16:00 Generation of lung cells using stem cells and patient induced pluripotent stem cells
Martin Ulrich (Hannover, Germany)

16:30 Lung on a chip-based model for studying lung disease
Remi Villenave (Boston, United States of America)

17:00 Group assignment

14:00 - 17:30

Postgraduate Course: PG12 Life-threatening pulmonary infections

Aims : To discuss host susceptibility to severe lung infections, the usefulness of biomarkers for the clinical management of pneumonia, the role of NIV in supporting patients with severe pneumonia, and the measures that can prevent ventilator-associated pneumonia.

Track(s) : Acute and chronic respiratory failure/sleep Respiratory infections

Tag(s) : Clinical

Target audience : Clinician, Emergency medicine doctor, Intensivist/critical care physician, Microbiologist, Pulmonologist, Radiologist, Respiratory physician, Thoracic endoscopist

Chairs : Jean-Louis Vincent (Brussels, Belgium), Menno M. van der Eerden (Rotterdam, Netherlands)

14:00 Host susceptibility to severe pneumonia
Martin Witzernath (Berlin, Germany)

14:30 Biomarkers for clinical management
Marcus Schultz (Amsterdam, Netherlands)

15:00 Group assignment

15:30 Break

16:00 Noninvasive ventilation in severe pneumonia
Stefano Nava (Bologna, Italy)

16:30 Preventing ventilator-associated pneumonia
Gianluigi Li Bassi (Barcelona, Spain)

17:00 Group assignment

14:00 - 17:30

Postgraduate Course: PG16 Transition of children and adolescents into adult care

Aims : To discuss the barriers that hamper the transition of children and adolescents into adult healthcare in respiratory diseases, including asthma, primary ciliary dyskinesia, neuromuscular diseases, and cystic fibrosis; to identify the gaps that still exist in our knowledge; to review practical approaches, including the models and principles of transition; to investigate transition outcomes.

Track(s) : Chronic airway diseases Respiratory infections

Tag(s) : Clinical, Paediatric

Target audience : Clinician, Fellow, General practitioner, Junior member, Microbiologist, Nurse, Paediatrician, Patient, Physiotherapist, Pulmonologist, Radiologist, Researcher, Resident, Respiratory physician, Respiratory therapist, Student, Trainee, Epidemiologist

Chairs : Fabio Midulla (Roma, Italy), Stuart Elborn (Belfast, United Kingdom)

14:00 **Early origins of chronic respiratory diseases and transition into adult care**
Eugenio Baraldi (Padova, Italy)

14:30 **Transition in cystic fibrosis**
Harry G.M. Heijerman (Den Haag, Netherlands)

15:00 **Group assignment**

15:30 **Break**

16:00 **Transition in primary ciliary dyskinesia**
Kirsten Boisen (Copenhagen, Denmark)

16:30 **Transition in neuromuscular diseases**
Brigitte Fauroux (Paris, France)

17:00 **Group assignment**

14:00 - 17:30

Postgraduate Course: PG17 Infectious disease challenges in community-acquired pneumonia and tuberculosis: improving your clinical practice

Aims : To provide the clinical multidisciplinary team with the latest evidence-based advice on diagnosing and managing community-acquired pneumonia and pulmonary tuberculosis; to describe the current developments in influenza, surveillance, vaccination and dissemination to target groups.

This is a joint ERS/PREPARE/ECDC course funded by the European Union's 7th Framework Programme.

Track(s) : Respiratory infections

Tag(s) : Clinical

Target audience : Allied health professional, Clinician, General practitioner, Microbiologist, Public health official, Respiratory physician, TB specialist, Trainee

Chairs : Anita Simonds (London, United Kingdom), Tobias Welte (Hannover, Germany)

14:00 **Update on therapeutic strategies in community-acquired pneumonia**
Gernot G.U. Rohde (Frankfurt am Main, Germany)

14:30 **Multidrug-resistant bacteria in community-acquired pneumonia**
Stefano Aliberti (Milan, Italy)

15:00 **Group assignment**

15:30 **Break**

16:00 **Influenza surveillance and vaccination: new developments**
Rene Snacken (Solna, Sweden)

16:30 **Key considerations in the diagnosis and management of pulmonary tuberculosis**
Giovanni Sotgiu (Porto Torres, Italy)

17:00 **Group assignment**

14:00 - 17:30

Postgraduate Course: PG18 Targeting the locomotor and respiratory muscles in chronic obstructive pulmonary disease: novel interventional tools and rehabilitation strategies
Innovation in pulmonary rehabilitation

Aims : To update on the benefits of exercise training and other multimodal therapeutic strategies that aim to combat skeletal muscle wasting in COPD patients; to instruct on the currently available non-pharmacological therapeutic strategies that optimise the benefits of lower limb and respiratory muscle training and nutritional support when they are selectively applied to COPD patients with specific phenotypes; to learn about new advances in the diagnosis of COPD locomotor and respiratory muscle dysfunction; to familiarise participants with novel devices available that are used to mitigate dynamic lung hyperinflation and dyspnoea sensations during rehabilitation exercise training.

Track(s) : Exercise, rehabilitation and physiology

Tag(s) : Basic translational science

Target audience : Allied health professional, Clinician, Educationalist, Engineer, Fellow, General practitioner, Junior member, Lung function technician, Nurse, Patient, Physiologist, Physiotherapist, Pulmonologist, Researcher, Resident, Respiratory physician, Respiratory therapist, Scientist, Student, Trainee

Chairs : Alda Sofia Pires De Dias Marques (Aveiro, Portugal), Esther Barreiro Portela (BARCELONA, Spain)

14:00 Muscular and functional effects of partitioning exercising muscle mass in COPD
Andre Nyberg (Umeå, Sweden)

14:30 The relevance of respiratory muscle dysfunction and novel treatment options in COPD
Daniel Langer (Leuven, Belgium)

15:00 Group assignment

15:30 Break

16:00 Targeted pulmonary rehabilitation and nutritional support in patients with COPD: do phenotypic differences matter?
Frits M.E. Franssen (Horn, Netherlands)

16:30 Novel diagnostic tools and interventions for COPD locomotor and respiratory muscle dysfunction
Ioannis Vogiatzis (ATHENS, Greece)

17:00 Group assignment

14:00 - 17:00

HERMES examination: HERMES Examinations in Adult and Paediatric Respiratory Medicine

Chairs : Chair to be confirmed

15:00 - 17:30

Session: ERS / ALAT / SBPT / SEPAR / SPP joint Spanish and Portuguese session (part II)

Aims : The aim of this session is to discuss key issues in respiratory medicine, providing the opportunity to hear about the latest scientific developments by representatives of these societies. Note that the presentations will be conducted in Portuguese or Spanish, and in English, with dual projection of slides in either Spanish or Portuguese and English.

Chairs : Venceslau José Coelho Pinto Hesperhol (PORTO, Portugal), Inmaculada Alfageme Michavila (Sevilla, Spain)

15:00 Impact of Clinical and Pathological assessment on IPF treatment and prognosis
Impacto da Clínica e avaliação patológica em tratamento e prognóstico IPF
António Manuel Martins Morais (Maia, Portugal)

15:30 Spanish registry of bronchiectasis: update and results
Registro Español de Bronquiectasias: actualización y resultados
Miguel Ángel Martínez García (Valencia, Spain)

16:00 Introduction keynote lecturer
Carlos Manuel Da Silva Robalo Cordeiro (Coimbra, Portugal)

16:15 Would new drugs and regimens permit shorter TB treatments? Up to date
Novos fármacos e regimes permitiriam tratamentos mais curtos? Atualizar
Margareth Maria Pretti Dalcolmo (RIO DE JANEIRO/RJ, Brazil)

17:00 Panel discussion

15:20 - 17:00

Session: ERS, RRS, ARSRM joint session in Russian "Pulmonary hypertension" (part II)**Aims :** The session will discuss of the problematic of pulmonary hypertension.

Note that the presentations will be conducted in Russian and English with dual projection of slides in Russian and English.

Target audience : Pulmonologist, General practitioner, Allied health professional**Chairs :** Irina Chazova (Moscow, Russian Federation), Stephan Rosenkranz (Cologne, Germany)**15:20 Russian recommendation and registry of pulmonary hypertension**
Irina Chazova (Moscow, Russian Federation)**15:45 Chronic thromboembolic pulmonary hypertension**
Alexander Edemskiy (Novosibirsk, Russian Federation)**16:10 Pulmonary hypertension due to lung disease**
Sergey Avdeev (MOSCOW, Russian Federation)**16:35 Pulmonary hypertension to left heart disease**
Stephan Rosenkranz (Cologne, Germany)

15:40 - 17:30

Session: French Programme jointly organised with ERS/SPLF (part II)**Innovations et perspectives dans les maladies des bronches (Bronchial diseases: innovations and perspectives)****Aims :** L'objectif de la session a pour objet de brosser un tableau des innovations et des perspectives dans les maladies des bronches, grâce aux progrès récents de la recherche. Les exposés seront présentés et discutés par des experts de renommée internationale.

The aim of the session is to picture the innovations and perspectives in bronchial diseases and recent research progresses. Presentations from international reputation will discuss this discoveries.

Note that the presentations will be conducted in French with dual projection of slides in French and English.

Target audience : Clinician, Researcher**Chairs :** Guy Brusselle (Ghent, Belgium), Nicolas Roche (Paris, France)**15:40 Régulation de l'inflammation dans l'asthme : IL37 vs IL17 Inflammatory regulation in asthma: IL37 vs IL17**
Agnès Hamzaoui (TUNIS, Tunisia)**16:07 La thermoplastie dans l'asthme : corrélation clinique et histopathologique Asthma thermoplasty: clinical and histopathological correlation**
Camille Taillé (PARIS, France)**16:35 De l'hypothèse hygiéniste à l'hypothèse microbiotique From the hygienist hypothesis to the microbiotic hypothesis**
Erika von Mutius (Munich, Germany)**17:02 Génétique et épigénétique de la BPCO COPD genetics and epigenetics**
Guy Brusselle (Ghent, Belgium)

17:00 - 18:30

HERMES examination: HERMES Exam - follow-up

17:45 - 18:35

Group members' meeting: Group 7.1 Paediatric respiratory physiology and sleep**Chairs :** Graham Hall (Perth, Australia), Refika Hamutcu Ersu (Istanbul, Turkey)

07:00 - 08:15

Challenging clinical cases: CC1 Life-threatening mediastinitis and TB

Aims : (1) to describe how lung TB can worsen rapidly and lead to unfavourable outcomes, and how such cases require close collaboration between pulmonologists and surgeons and timely referral of the patient to a surgeon; and (2) to present the need for a multidisciplinary team that can provide an adequate initial treatment for descending mediastinitis, and to describe the diagnostic and therapeutic algorithm that is essential for adequately treating this life-threatening infection.

Track(s) : **Interstitial lung disease and vascular disease**

Tag(s) : Clinical

Target audience : Clinician, General practitioner, Junior member, Pulmonologist, Radiologist, Respiratory physician, Thoracic surgeon, Trainee

Chairs : Kalliopi Athanassiadi (Athens, Greece)

Lung TB: from easy to treat to nightmare
Peter Yablonsky (ST PETERSBURG, Russian Federation)

Life-threatening descending mediastinitis: is there space for conservative treatment?
Stefano Elia (Rome, Italy)

07:00 - 08:15

Challenging clinical cases: CC2 Interstitial lung diseases

Aims : In this session, complex cases will be presented and discussed in an interactive fashion. These cases were clinically very difficult, and the session will describe how the diagnosis was made, the radiological and pathological patterns in the case, and the pathogenetic mechanisms that were identified. The aim is to increase knowledge about the modalities that were used to build up the clinical reasoning and the biological mechanisms that may connect different disorders.

Track(s) : **Interstitial lung disease and vascular disease** **Acute and chronic respiratory failure/sleep**

Tag(s) : Clinical

Target audience : Clinician, Educationalist, Fellow, Pathologist, Pulmonologist, Radiologist, Researcher, Respiratory physician, Thoracic endoscopist, Thoracic surgeon, Trainee

Chairs : Jan C. Grutters (Nieuwegein, Netherlands)

A patient with adenocarcinoma and a progressive predominant upper lobe disease
Claudia Ravaglia (Brisighella, Italy)

A patient with sand-storm lungs
Elisabeth Bendstrup (Vejle, Denmark)

07:30 - 08:20

Group members' meeting: Group 1.1 Clinical problems

Chairs : Mohankumar Thekkinkattil (COIMBATORE (TAMIL NADU), India), Laura Fregonese (London, United Kingdom)

07:30 - 08:20

Group members' meeting: Group 1.4 Interventional pulmonology

Chairs : Jouke T. Annema (Amsterdam, Netherlands), Prashant Nemichand Chhajed (MUMBAI (MAHARASHTRA), India)

07:30 - 08:20

Group members' meeting: Group 1.6 General practice and primary care

Chairs : Hilary Pinnock (Edinburgh, United Kingdom), Janwillem W. H. Kocks (Groningen, Netherlands)

07:30 - 08:20

Group members' meeting: Group 3.3 Mechanisms of lung injury and repair

Chairs : Melanie Koenigshoff (Denver, United States of America), Agnes W. Boots (Maastricht, Netherlands)

07:30 - 08:20

Group members' meeting: Group 5.3 Allergy and immunology

Chairs : Apostolos Bossios (Stockholm, Sweden), Marco Idzko (Freiburg, Germany)

08:00 - 10:20

Skills workshop: SW2 Thoracic ultrasound

Aims : To provide participants with an update on thoracic ultrasound knowledge and an opportunity to practise basic hands-on skills using training models, simulators, volunteers and patients.

Tag(s) : Clinical

Target audience : Fellow, Pulmonologist, Radiologist, Resident, Thoracic surgeon, Respiratory physician, Respiratory therapist

Chairs : Nick Maskell (Bristol, United Kingdom)

Introduction**Workstation 1: the normal human thoracic cavity**

Valentina Pinelli (Brescia, Italy), Christian B. Laursen (Odense, Denmark)

Workstation 2: pleural effusion and/or pleural thickening

Ioannis Psallidas (Oxford, United Kingdom), Paolo Ceruti (Cremona, Italy)

Workstation 3: case studies

Najib M. Rahman (Oxford, United Kingdom)

Workstation 4: guided pleural aspiration and lymph node biopsy using models

Coenraad Frederik Nicolaas Koegelenberg (Cape Town, South Africa), Nick Maskell (Bristol, United Kingdom), Rahul Bhatnagar (Bristol, United Kingdom)

08:30 - 10:30

Symposium: Rational strategies for specific treatment situations in lung cancer**Latest evidence meets longstanding eminence**

Aims : Lung cancer is a very heterogeneous group of malignancies that often presents clinicians with major challenges. This symposium focuses on four specific treatment situations in lung cancer in which the treatment strategies are still being debated. Experienced speakers will present the latest evidence and combine it with their longstanding experience to yield rational treatment strategies.

Tag(s) : Clinical

Target audience : Allied health professional, Clinician, Fellow, General practitioner, Immunologist, Junior member, Nurse, Oncologist, Pathologist, Patient, Pulmonologist, Radiologist, Researcher, Resident, Respiratory physician, Respiratory therapist, Scientist, Student, Thoracic endoscopist, Thoracic surgeon, Trainee

Chairs : Matthew Evison (Manchester, United Kingdom), Gilbert Massard (STRASBOURG, France)

08:30 Stage I NSCLC: the extent of surgical resection needed, or, better yet, radiotherapy?

Paul E. Van Schil (Edegem (Antwerp), Belgium)

09:00 Stage IIIA/B NSCLC: rationale for multimodal diversity

Wilfried Ernst Erich Eberhardt (ESSEN, Germany)

09:30 Stage IV NSCLC, oligometastatic disease: meaningful patient selection and multimodal treatment approaches

Isabelle Opitz (Zurich, Switzerland)

10:00 Relapsed NSCLC and SCLC: benefits and limitations of systemic treatments beyond the second line

Torsten Gerriet Blum (Berlin, Germany)

08:30 - 10:30

Symposium: Tobacco Control in Europe: research and policy

Aims : We aim to learn from experts and high level policy makers on the new developments and initiatives to fulfil the evidence base gap, and address hot issues, such as e-cigarettes, from a multidisciplinary, translational perspective. This type of session (especially around the hot issue of e-cigarettes) traditionally fills the room beyond its seating capacity, and fits directly within this year's conference theme.

Track(s) : Chronic airway diseases

Tag(s) : Paediatric, Smoking prevention and cessation (HLfL)

Target audience : Allergologist, Allied health professional, Anaesthesiologist, Cardiologist, Clinician, Educationalist, Epidemiologist, Fellow, General practitioner, Immunologist, Junior member, Lung function technician, Neonatologist, Nurse, Occupational therapist, Oncologist, Otolaryngologist, Paediatrician, Patient, Physiotherapist, Psychologist, Public health official, Pulmonologist, Researcher, Resident, Respiratory physician, Respiratory therapist, Scientist, Social worker, Student, TB specialist, Thoracic surgeon, Trainee

Chairs : Joan B Soriano (MADRID, Spain), Paraskevi Katsaounou (Athens, Greece)

08:30 **The European Tobacco Products Directive: Progress and Next steps**
Ana-Eva Ampelas (Brussels, Belgium)

09:00 **Second-hand smoking or health in children and other highly susceptible human groups**
Israel Agaku (Atlanta, United States of America)

09:30 **The impact of the WHO FCTC on preventing respiratory disease**
Athanasios Gerakis (Brussels, Belgium)

10:00 **E-cigarettes in 2017 – an update of the evidence and European regulatory steps**
Constantine Vardavas (Athens, Greece)

08:30 - 10:30

Symposium: New developments in respiratory physiotherapy and pulmonary rehabilitation Impact of non-respiratory symptoms (pain and fatigue) and impaired postural control on physical function in chronic respiratory disease: an update on diagnostic tests and rehabilitative treatment options

Aims : The audience will gain insights into the impact of non-respiratory symptoms (pain and fatigue) on physical function in chronic respiratory disease. The relationship between respiratory muscle function, postural control, and symptoms of back pain in patients with chronic respiratory disease will be discussed. A variety of functional assessment methods (including balance tests) and their responsiveness to rehabilitative interventions will be described. The scientific background and rationale for four different innovative exercise modalities will be described. This session is meant to be of high practical use. After this session, the audience should be able to implement the insights that are presented directly into their daily practice with patients.

Tag(s) : Clinical

Target audience : Allied health professional, General practitioner, Junior member, Occupational therapist, Patient, Physiologist, Physiotherapist, Pulmonologist, Researcher, Scientist, Student, Trainee

Chairs : Chris Burtin (Diepenbeek, Belgium), Jennifer Alison (Killara, Australia)

08:30 **Patient testimonial**
Jos Donkers (Stramproy, Netherlands)

08:42 **How pain, dyspnoea, and fatigue interfere with the daily living and physical performance of people with COPD**
Wendy Darlene Reid (Vancouver, Canada)

09:09 **The diaphragm, postural control, and low back pain in patients with COPD**
Paul Hodges (Brisbane, Australia)

09:36 **Assessing the impact of pulmonary rehabilitation on functional status and postural control**
William Man (Harefield, United Kingdom)

10:03 **Innovative exercise modalities in COPD**
Rainer Gloeckl (Schoenau am Koenigssee, Germany)

08:30 - 10:30

Symposium: State of the Art Session: Respiratory infections

Aims : The audience will have an up-to-date review on special topic in respiratory infections, including diagnosis and management of sepsis and fungal infections, as well as current practice for influenza and pneumococcal vaccination. At the end, we will also offer a critical look at old and new anti-TB drugs.

Track(s) : Respiratory infections

Target audience : Allied health professional, Clinician, Emergency medicine doctor, Fellow, General practitioner, Intensivist/critical care physician, Junior member, Microbiologist, Nurse, Paediatrician, Pharmaceutical industry representative, Public health official, Pulmonologist, Researcher, Resident, Respiratory physician, Respiratory therapist, Scientist, TB specialist

Chairs : Giovanni Sotgiu (Porto Torres, Italy), Antonio R. Anzueto (San Antonio, United States of America)

08:30 **Sepsis**
Jean-Louis Vincent (Brussels, Belgium)

09:00 **Influenza and pneumococcal vaccination**
Speaker to be confirmed

09:30 **Fungal respiratory infections**
Matteo Bassetti (Udine, Italy)

10:00 **Anti-tuberculosis drugs**
Payam Nahid (San Francisco, United States of America)

08:30 - 10:30

Grand Round: GR1 Imaging Grand Round

- Aims :** 1. To update about the technology and the different imaging opportunities disease related
2. To inform about benefits as well the limitations of the different options
3. To give a holistic approach in imaging possibilities

Track(s) : Interstitial lung disease and vascular disease Acute and chronic respiratory failure/sleep Lung cancer

Tag(s) : Clinical

Target audience : Clinician, Educationalist, Emergency medicine doctor, Epidemiologist, Fellow, General practitioner, Intensivist/critical care physician, Junior member, Lung function technician, Occupational therapist, Oncologist, Patient, Physiologist, Physiotherapist, Public health official, Pulmonologist, Radiologist, Researcher, Resident, Respiratory physician, Respiratory therapist, Scientist, Student, Thoracic endoscopist, Thoracic surgeon, Trainee

Chairs : Aleksandar Grgic (Homburg, Germany), Arschang Valipour (Vienna, Austria)

08:30 **Imaging and interstitial lung disease**
Claus Peter Heussel (Heidelberg, Germany)

09:00 **Functional imaging**
Sam Bayat (Grenoble, France)

09:30 **Imaging without radiation- When and in which indications**
Helmut Prosch (WIEN, Austria)

10:00 **Imaging and lung cancer**
Cornelia Schaefer-Prokop (Amersfoort, Netherlands)

08:30 - 10:30

Hot topics: The circadian molecular clock in respiratory diseases and associated interventions

Aims : This hot topic symposium will disseminate recent advances in circadian biology/molecular clock that have implications for the pathogenesis and treatments of lung disease, asthma/COPD exacerbations, infections, critical illness and disorders of sleep.

Track(s) : Acute and chronic respiratory failure/sleep Chronic airway diseases

Tag(s) : Basic translational science

Chairs : Jan A. Hedner (Gothenburg, Sweden), Hannah Durrington (Manchester, United Kingdom)

08:30 **The lung epithelial clock and its role in lung inflammation**
David Ray (Manchester, United Kingdom)

08:54 **Molecular clock and immunology of respiratory disorders**
Renata L. Riha (Edinburgh, United Kingdom)

09:18 **Influenza virus mediated molecular clock disruption in COPD pathobiology and exacerbations**
Irfan Rahman (Rochester, United States of America)

09:42 **Health effects of sleep deprivation and circadian disruption in relation with sleep apnoea and nocturnal lung effects**
Speaker to be confirmed

10:06 **Circadian molecular clock and immune system in asthma exacerbations**
Jeffrey Haspel (St. Louis, United States of America)

08:30 - 10:30

Session: Joint ERS/Canadian Thoracic Society session "Pathophysiology and emerging therapies for severe asthma"

Aims : At the conclusion of the session participants will describe recent progress in identifying pathophysiological and biomarkers for severe asthma endotypes; describe clinical features that distinguish poorly controlled asthma; and identify and understand the effectiveness of emerging biologic therapies for steroid refractory poorly controlled asthma. This session is jointly organised by the Canadian Thoracic Society and the European Respiratory Society.

Target audience : Clinician, Scientist, Student

Chairs : Catherine Lemiere (Montreal, Canada), Ian M. Adcock (London, United Kingdom)

08:30 **Diagnostic approach to and phenotyping of severe asthma**
Elisabeth H.D. Bel (Amsterdam, Netherlands)

- 09:00** **Factors driving airway eosinophilia in prednisone-dependent severe asthma**
Parameswaran Nair (Hamilton, ON, Canada)
-
- 09:30** **Pathophysiology of non-eosinophilic severe asthma**
Ratko Djukanovic (Southampton, United Kingdom)
-
- 10:00** **Emerging biologic approaches for the treatment of difficult to control asthma**
J. Mark Fitzgerald (Vancouver, BC, Canada)

08:30 - 10:30

Year in review: Paediatric Year in Review: update in paediatric pulmonology

Update of the most important researches in paediatric pulmonology

Aims : The audience will receive an update in four topics in pediatric respiratory medicine. The most recent and significant literature and developments relating to these topics will be highlighted.

Track(s) : **Respiratory infections** **Chronic airway diseases**

Tag(s) : Paediatric

Target audience : Clinician, Epidemiologist, Fellow, Immunologist, Junior member, Neonatologist, Paediatrician, Pulmonologist, Researcher, Resident, Respiratory physician, Scientist, Student

Chairs : Fernando Maria De Benedictis (Ancona, AN, Italy), Ernst Eber (Graz, Austria)

- 08:30** **Chronic interstitial lung disease in children**
Matthias Griesse (München, Germany)
-
- 08:55** **Viral infections in wheezing disorders**
Peter Le Souef (Perth, WA, Australia)
-
- 09:20** **Pulmonary vascular development in relation to congenital lung disease**
Robbert J. Rottier (Rotterdam, Netherlands)
-
- 09:45** **Lung imaging in paediatric pulmonology**
Harm Tiddens (Rotterdam, Netherlands)
-
- 10:10** **ERS Statement on Interventional bronchoscopy in children**
Ernst Eber (Graz, Austria)

08:30 - 10:30

Poster Discussion: The best clinical practice for the management of chronic lung diseases.

Chairs : Philippe Camus (DIJON, France), Michael Kreuter (Heidelberg, Germany)

Phase angle by bioelectrical impedance vector analysis as predictor of prolonged hospital stay
Dulce Gonzalez-Islas (Mexico City, Mexico), Leslie Verdeja-Vendrell, Arturo Orea-Tejeda, Ana Grecia Navarrete-Penalzoza, Rocío Sanchez-Santillan, Abril Jimenez-Cepeda, Guillermo Karey Perez-Cortes, Luis Felipe Castillo-Aguilar, Viridiana Pelaez-Hernandez, Francisco Figueroa-Herrera, Sonia Catalina Torres-Montiel, Bernardo Robles-Urbe, Rafael Hernandez-Zenteno

Impact of fat mass on spirometric parameters and physical exercise tolerance in obese women
Khadija Aayed (Nabeul, Tunisia), Ines Gizani, Salma Mokaddem, Sana Ben Jemaa, Islem Bel Hadj Khalifa, Syrine Riahi, Dorra Elguiche, Saloua Ben Khamsa Jameledine

Airway inflammation in patients with chronic cough caused by gastroesophageal reflux
Jaromir Zatloukal (Olomouc, Czech Republic), Vitezslav Kolek

Quality of life in patients with bronchiolitis obliterans
Emine Atag (STANBUL, Turkey), Nilay Bas Ikizoglu, Pinar Ergenekon, Yasemin Gökdemir, Ela Erdem Eralp, Fazilet Karakoc, Refika Ersu, Bulent Karadag

Impact of depression on patients with Idiopathic Pulmonary Fibrosis
Argyris Tzouvelekis (ATHENS, Greece), Sofia Kourtidou, Evangelos Bouros, Theodoros Karampitsakos, Chrisoula Antonou, Nikolaos Koulouris, Demosthenes Bouros

Incidence of cancer in patients with IPF.A retrospective multicenter study
Argyris Tzouvelekis (ATHENS, Greece), Lykourgos Kolilekas, Evangelos Bouros, Thodoris Karampitsakos, Vasilios Tzilias, Asimina Gaga, Nikolaos Koulouris, Demosthenes Bouros, Rodoula Tringidou

Lung involvement in patients with rheumatoid arthritis
Sermin Borekci (Istanbul, Turkey), Sermin Börekçi, Gizem Senkardesler, Ersan Atahan, Benan Musellim

Timing of cardiac sarcoidosis in patients with sarcoidosis

(,), Michael Schweitzer, Miguel Pardinás Gutierrez, Loula Asharhan, Michael Campos, Mehdi Mirsaeidi, Rafael Calderon-Candelario

Increased risk of sarcoidosis among breast cancer patients; Breast cancer – sarcoidosis syndrome

(,), Michael Schweitzer, Mehdi Mirsaeidi, Gregory Holt, Elio Donna, Miguel Pardinás Gutierrez, Loula Asharhan

Pulmonary lesions in patients with inflammatory bowel disease – the baseline and under anti-tumor necrosis factor therapy.

Sergey Borisov (Moscow, Russian Federation), Ksenia Frolova

The significance of addind rheumatological assessment to the multidisciplinary team in the diagnosis of interstitial lung disease.

Gali Epstein Shochet (Kfar-Saba, Israel), Lilach Israeli-Shani, Yair Levi, Michael Kuchuk, Matthew Koslow, David Shitrit

Clinical efficacy of segmental bronchoalveolar lavage in treating idiopathic pulmonary alveolar proteinosis under intravenous anesthesia

Jing Wang (Zhengzhou, China), Wenping Mao, Yingmin Ma

The diagnostic role of pleural fluid and serum Pentraxin-3 levels in the determination of the etiology of pleural effusion

Fatma Çiftci (ANKARA, Turkey), Fatma Çiftci, Gulden Bilgin, Ayse Naz Ozcan, Ozlem Dogan, Aycan Yuksel, Serhat Erol, Aydin Ciledag, Akin Kaya

Obstructive sleep apnea and cardiovascular risk in Chinese population: a Meta-analysis

Jingying Ye (Beijing, China), Jingjing Li, Jinkun Xu, Guoping Yin, Siyan Zhan

Role of angiotensin receptors in the preclinical cardiovascular risk in obstructive sleep apnea patients

Sadaf Want (Dublin, United States of America), Rami Khayat, Kyle Porter, Angela Sow, David Jarjoura, Jay Zweier

Underestimation of bronchial obstruction in patients with coronary heart disease and cardiac insufficiency

Alona Riazhska (Kiyv, Ukraine), Liudmyla Shvayko

Diaphragm Dysfunction in Patients with Stable Myasthenia Gravis and Myastenic Crisis

Aylin Pihitili (KONYA, Turkey), Zuleyha Bingol, Gulfer Okumus, Esen Kiyan

08:30 - 10:30

Poster Discussion: Novel molecular and genetic targets in COPD

Chairs : Sukhwinder Singh Sohal (Launceston, TAS, Australia)

Does urinary peptide content differ between COPD patients with and without inherited alpha1-antitrypsin deficiency?

Joanna Chorostowska-Wynimko (Warsaw, Poland), Alfonso Carleo, Thomas Koeck, Mateusz Florczuk, Harald Mischak, Ma gorzata Czajkowska-Malinowska, Adriana Rozy, Tobias Welte, Sabina Janciauskiene

Transcriptomic and epigenetic changes in the lung of patients with severe COPD

Maria Rosa Faner Canet (BARCELONA, Spain), Guillaume Noell, Alejandra López-Giraldo, Maria Pilar Armengol, Alvar Agusti

Non-targeted integrative multi-omics approaches on sputum reveal potential diagnostic and monitoring biomarkers for respiratory diseases

Luis Mur (Aberystwyth, United Kingdom), Adrian Mironas, Rachel Paes, Keiron O'Shea, Keir Lewis

PARK2-regulated mitophagy in COPD pathogenesis

Nahoko Sato (Kumamoto, Japan), Kazuya Tsubouchi, Jun Araya, Shunsuke Minagawa, Hiromichi Hara, Nayuta Saito, Masahiro Yoshida, Yusuke Kurita, Kenji Kobayashi, Saburo Ito, Takeo Ishikawa, Takanori Numata, Yumi Kaneko, Katsutoshi Nakayama, Hirotsugu Kohrogi, Kazuyoshi Kuwano

Dual-phenotype mouse model of COPD study suggest combined therapy targeting G-CSF and IL-17A could treat COPD.

Evelyn Tsantiskos, Wei Loon Lau, Gary Anderson, margaret hibbs

The microbiome of COPD in protected, bronchoscopic airway samples

Rune Grønseth (MORVIK, Norway), Rune Grønseth, Christine Drengenes, Harald Wiker, Per Bakke, Ingvild Haaland, Tomas Eagan

Type 2 diabetes-related “pulmonary insulin resistance” as a novel mechanism that complicates COPD phenotypes in mice

Hirofumi Nohara (kumamoto, Japan), Shunsuke Kamei, Haruka Fujikawa, Ryunosuke Nakashima, Kasumi Maruta, Taisei Kawakami, Mary Ann Suico, Naomi Nakagata, Junji Saruwatari, Hirofumi Kai, Tsuyoshi Shuto

Serum neopterin and IL-6 as biomarkers in patients with COPD.

Yanitsa Zhelyazkova (Stara Zagora, Bulgaria), Tanya Tacheva, Donika Ivanova, Dimo Dimov, Gospodinka Prakova, Tatyana Vlaykova

Diesel exhaust exposure and sirtuins gene expression in old mice

Gabriel Ribeiro (SAO PAULO/SP, Brazil), Natália de Souza Xavier Costa, Luciano Belotti, Adair Alemany, Paula Gabriela Cunha, Stephanie de Oliveira Duro, Tania Marcourakis, Sandra Farsky, Thais Mauad

Telomere shortening and oxidative stress in patients with COPD

Elizabeth Cordoba-Lanus (SANTA CRUZ DE TENERIFE, Spain), Sara Cazorla-Rivero, Adriana Espinoza-Jimenez, Pedro Abreu, Delia González-Almeida, Armando Aguirre-Jaime, Bartolomé Celli, Ciro Casanova

Integration at the network- and pathway level of multi-omics data from multiple anatomical locations facilitate COPD sub-phenotyping in small cohorts

Asa Wheelock (Stockholm, Sweden), Vincenzo Lagani, Chuan-xing Li

Increased fatty acid oxidation impairs myoblast differentiation in hypercapnia

Jacob Iasha Sznajder (Chicago, United States of America), Emilia Lecuona, Ermelinda Ceco, Samuel Weinberg, Masahiko Shigemura, Lynn Welch, Diego Celli, Lena Volpe, Navdeep Chandel

Exome sequencing in diseased and healthy subjects with α 1-antitrypsin deficiency

Chiara Rigobello (Padova, Italy), Maria Enrica Tinè, Simonetta Baraldo, Ilaria Ferrarotti, Angelo Corsico, Davide Biondini, Giovanna Elisiana Carpagnano, Maria Pia Foschino Barbaro, Giorgio Valle, Marina Saetta, Manuel Cosio, Donato Lacedonia

Transforming growth factor alpha produces airway remodelling and reduces airway distensibility

Kimberley Wang (Southern River, Australia), Timothy Le Cras, Alexander Larcombe, Graeme Zosky, Alan James, Peter Noble

Comparison of HSP mRNA relative levels in sputum of COPD patients and subjects exposed to wood smoke and/or cigarette smoke.

Ramces Falfán Valencia (Mexico, Mexico), Enrique Ambrocio Ortiz, Alejandra Ramírez-Venegas, Gloria Pérez-Rubio, Ma. Elena Ramírez-Díaz, Filiberto Cruz-Vicente, Adrián Aranda-Chavez, Nicolás Guzmán-Bouilloud, Rosario Amaya Flores, Raúl Sansores

08:30 - 10:30

Poster Discussion: Anti-inflammatory and pro-repair mediators in acute lung injury**Coagulation factor XII regulates inflammatory responses in human lungs**

Malgorzata Wygrecka (GIESSEN, Germany), Rosanna Hess, Lukasz Wujak, Christina Hesse, Katherina Sewald, Steven De Maat, Coen Maas, Francesco Bonella, Klaus T. Preissner, Philipp Markart

Novel protective role of alveolar macrophages in adaptation to lung injury.

Benoit Allard (TALENCE, France), Alice Panariti, Erwan Pernet, Jeffrey Downey, Satoshi Ano, Marieme Dembele, William S Powell, Maziar Divangahi, James G Martin

Effects of hypercapnic acidosis on the primary cells relevant to ARDS pathophysiology and the therapeutic potential of mesenchymal stem cells

Nicola Fergie (Belfast, United Kingdom), Danny McAuley, Cecilia O'Kane, Anna Krasnodembskaya

Tim-3 regulates Tregs' ability to resolve the inflammation and proliferation of acute lung injury by polarizing M2c macrophages

Lunxian Tang (Shanghai, China), Yanli Yan, Jianwen Bai

Lung-derived mesenchymal stem cells induce the secretion of hepatocyte growth factor in fibroblasts

Katrin Esther Hostettler (Basel, Switzerland), Amiq Gazdhar, Petra Khan, Spasenija Savic, Didier Lardinois, Michael Roth, Michael Tamm, Thomas Geiser

Neither P-selectin nor PSGL-1 are critical for lung platelet accumulation following LPS inhalation

Simon Cleary (London, United Kingdom), Stephanie Arnold, Carl Hobbs, Clive Page, Simon Pitchford

RAGE deficiency improves alveolar fluid clearance in LPS-induced acute lung injury by preventing downregulation of Na-K-ATPase and ENaC

Tao Wang (CHENGDU, China), Hao Wang, Zhicheng Yuan, Fuqiang Wen

Effects of anti-IL17 on acute lung injury induced by LPS in mice

Renato Fraga Righetti (São Paulo, Brazil), Tabata Maruyama dos Santos, Leandro do Nascimento Camargo, Luciana Ritha de Cássia Rolim Barbosa Aristóteles, Silvia Fukuzaki, Flávia Castro Ribas de Souza, Maysa Mariana Cruz, Maria Isabel Cardoso Alonso-Vale, Beatriz Manguiera Saraiva-Romanholo, Edna Aparecida Leick, Milton de Arruda Martins, Carla Máximo Prado, Iolanda de Fátima Lopes Calvo Tibério

Inhibition of neutrophil elastase contributes to attenuation of lipopolysaccharide-induced acute lung injury during neutropenia recovery in mice

Jin Woo Kim (Uijeongbu, Republic of Korea), Hyun Hee Kang, Yong Hyun Kim

Role of alveolar macrophages in acute lung injury model

Marta Camprubí-Rimblas (Molins de Rei, Spain), Marta Camprubí-Rimblas, Raquel Guillamat-Prats, Neus Tantinyà, Josep Bringué, M^a Nieves Gómez, Antonio Artigas

The effects of tpl2 inhibition in Ventilator-induced lung injury

Nikolas Manitsopoulos (ATHENS, Greece), Vassilis Aidinis, Kostantinos Perreas, Stylianos Orfanos, Anastasia Kotanidou

Ventilator-induced lung injury is aggravated by intestinal microbiome disruption in mice

Sandra-Maria Wienhold (Berlin, Germany), Mario Macri, Geraldine Nouailles, Bastian Opitz, Kristina Dietert, Achim Dieter Gruber, Norbert Suttorp, Holger Müller-Redetzky, Martin Witzenthath, Markus M Heimesaat

The circadian rhythm regulates the severity of ventilator-induced lung injury

Matthias Felten (Berlin, Germany), Luiz Gustavo Teixeira-Alves, Catherine Chaput, Eleftheria Letsiou, Holger Müller-Redetzky, Norbert Suttorp, Martin Witzenthath

The NS1A binding protein in alveolar epithelial cells as centerpiece of Influenza virus A lung injury mechanism mediated via AhR/Arnt signaling pathway

Irina Shur (Scarsdale, United States of America), Ilya Tsyrov, Vladimir Roumak

08:30 - 10:30

Poster Discussion: Risk factors - Symptomatology and diagnostical approach to obstructive sleep apnoea

Chairs : Walter McNicholas (Dublin, Ireland), Chair to be confirmed

Genetic relationship between obstructive sleep apnea and lumbar disc degeneration: results from a twin study.

Ádám Domonkos Tárnoki (Budapest, Hungary), Ádám Domonkos Tárnoki, David Laszlo Tarnoki, Daniel Tamas Kovacs, Bianka Forgo, Marcell Szily, Marina De Barros Pinheiro, Paulo Ferreira, Laszlo Kostyal, Csaba Olah, Laszlo Kunos, Andras Bikov

Obstructive sleep apnea, cardiometabolic risk, and levels of physical activity in Chilean adults

Juan Carrillo (SANTIAGO, Chile), Sandra Mahecha-Matsudo, Guillermo Droppelmann, Fernando Yañez, Patricia Fernández, Ariel Cisternas, Maria Belen Fernandez

Obstructive Sleep Apnoea is a Pulmonary Embolism severity risk factor.

Núria Toledo Pons (PALMA DE MALLORCA, Spain), Maria Cerdà, Alberto Alonso-Fernández, José María Sanchez-Raga, Angela García Suquía, Mónica De la Peña, Raquel Casitas, Javier Pierola, María Paloma Giménez, Miguel Carrera, Antonia Barceló, Joan Soriano, Margarita Bosch, Catalina Gutiérrez, Concepción Piñas, Carmen Fernández-Capitán, Alicia Lorenzo, Francisco García-Río, Juan Andrés Mejía Núñez

Prevalence and characteristics of insomnia phenotype in mild sleep apnoea patients from the ESADA study population.

Izolda Bouloukaki (Heraklion, Crete, Greece), Paschalis Steiropoulos, Maria Bonsignore, Jan Hedner, Athanasia Pataka, Ludger Grote, Oreste Marrone, Johan Verbraecken, Ozen Basoglu, Carlo Lombardi, Sophia Schiza

Association between sleep disordered breathing and objective sleep duration: the Nagahama study

Takeshi Matsumoto (Kyoto, Japan), Kimihiko Murase, Yasuharu Tabara, Takuma Minami, Ryo Tachikawa, Kiminobu Tanizawa, Morito Inouchi, Toru Oga, Shunsuke Nagashima, Tomoko Wakamura, Naoko Komenami, Kazuya Setoh, Takahisa Kawaguchi, Yoshimitsu Takahashi, Takeo Nakayama, Toyohiro Hirai, Fumihiko Matsuda, Kazuo Chin

Validation of the OSA50 questionnaire among patients referred for suspected obstructive sleep apnea

Teresa Pequito (Charneca de Caparica, Portugal), Marco Pereira, Ana Cristina Lutas, João Valença, Mónica Grafino, Richard Staats, Sofia Furtado

Minimum clinically important difference of the Epworth Sleepiness Scale

Suhani Patel (Harefield, United Kingdom), Samantha SC Kon, Claire M Nolan, Anita K Simonds, Mary J Morrell, William D-C Man, Ruth E Barker

The NoSAS score as screening tool for obstructive sleep apnea syndrome in depressive disorder.

Kelly Guichard (Bordeaux, France), Helena Marti-Soler, Martin Preisig, José Haba-Rubio, Raphael Heinzer

Development and validation of the Maugeri Sleep Quality and Distress Inventory (MaSQuDI-17)

Elisa Morrone (Pavia, Italy), Cinzia Sguazzin, Giorgio Bertolotti, Andrea Giordano, Ines Giorgi

High negative predictive value of BMI for obstructive sleep apnea in the lateral sleeping position

Agata Gabryelska (Gdansk, Poland), Lukasz Mokros, Lukasz Franczak, Wojciech Kuczynski, Aneta Gruchala, Aleksandra Debicka, Jakub Spalka, Magdalena Oset, Karolina Wisniewska, Kacper Reszka, Piotr Bialasiewicz

Validation of ASA scoring algorithm for perioperative risk of complications from OSA

Vladimir Macavei (LONDON, United Kingdom), Lily Dimitrov, Sarah Stewart, Jelka Mitic, Otto Mohr, Terry O' Shaughnessy

Validation of apneas and hypopneas detection by an implantable cardioverter defibrillator impedance-based respiration sensor: AIRLESS study

Jean-Louis Pépin (Grenoble, France), Jean-Louis Pépin, Renaud Tamisier, Peggy Jacon, Sandrine Venier, Nathalie Arnol, Pascal Defaye

Are patients referred for sleep studies similar in different parts of Europe?

Tarja Saaresranta (Littoinen, Finland), Ingo Fietze, Ludger Grote, Renata Riha, Silke Ryan, Richard Staats, Jan Hedner, Ulla Anttalainen

Quality review of a polygraphy service

James Stockley (BIRMINGHAM, United Kingdom), Jodie Hunt, Liam O'Reilly, Judith Savage, Maxine Jones, Geljit Johal, Stephanie Gunn, Tasmin Sharley, Harry Griffin, Brendan Cooper

08:30 - 10:30

Poster Discussion: Current challenges in COPD evaluation

Chairs : Charlotte Suppli Ulrik (Virum, Denmark)

The effect of changing GOLD severity stage on long-term mortality in COPD

James D. Chalmers (Dundee, United Kingdom), Robert Flynn, Thomas MacDonald, Stuart Schembri

The value of FENO50 measurement in COPD – results from the TIE-study

Alexandra Thornadtsen (Gävle, Sweden), Andrei Malinowski, Karin Lisspers, Björn Stållberg, Kristina Bröms, Christer Janson, Marieann Högman

Feasibility and clinical impact of deploying a digital health intervention in a Medicare population with COPD

Jessica Chen, Shelanda Jones-Ford, Shannon Goeldi, Michael Tuffli, Meredith Barrett, David Van Sickle, David Stempel

Assessment of cytokine mRNA expression in patients with COPD exacerbations

Csilla Páska (Budapest, Hungary), Csilla Páska, Imre Barta, Orsolya Drozdovszky, Balazs Antus

Association of inflammatory biomarkers with comorbidity in chronic obstructive pulmonary disease – results from the COSYCONET cohort

Frederik Seiler (Saarbrücken, Germany), Franziska C. Trudzinski, Mohammad Alquadrh, Sebastian Fährndrich, Henrik Watz, Rudolf A. Jörres, Armin Koch, Tobias Welte, Claus F. Vogelmeier, Frank Biertz, Robert Bals

Disease activity in long-term survivors of COPD: 10-years' follow-up data from the Hokkaido COPD cohort study

Masaharu Nishimura (Sapporo, Japan), Hironi Makita, Msaru Suzuki, Kaoruko Shimizu, Satoshi Konno

Modelling peripheral blood eosinophils to identify response to budesonide in COPD: a post-hoc analysis

Mona Bafadhel (Oxford, United Kingdom), Stefan Peterson, Miguel De Blas, Peter Calverley, Stephen Rennard, Kai Richter, Malin Fagerås

Longitudinal change of COPD assessment test (CAT) in a telehealthcare cohort is associated with exacerbation risk

Frank Rassouli (St. Gallen, Switzerland), Florent Baty, Sandra Widmer, Martin H Brutsche

Distal airspace radius estimated by nanoparticle deposition reflects lung density

Laura Aaltonen (Malmö, Sweden), Simon Kindvall, Jonas Kf Jakobsson, Jakob Londahl, Lars-Erik Olsson, Sandra Diaz, Sophia Zackrisson, Per Wollmer

A systematic review of the accuracy of microspirometry for screening of adults for COPD

Lancelot Pinto (Montréal, QC, Canada), Radhika Banka

Predicting future development of COPD (MARKO study)

Marina Labor (Zagreb, Croatia), Iva Juric, Zarko Vrbica, Ivan Gudelj, Slavica Labor, Davor Plavec

Longitudinal measurement of airway inflammation relates to a higher risk of exacerbation in COPD.

Bernardino Alcazar Navarrete (Cájar, Spain), Francisca Castellano-Miñán, Oliverio Ruiz Rodriguez, Pedro J Romero Palacios

Malnutrition and sarcopenia in chronic obstructive pulmonary disease according to the new ESPEN definition and EWGSOP criteria

Francesca de Blasio (Pozzuoli, NA, Italy), Luca Scalfi, Paola Alicante, Giulia Miracco Berlingieri, Barbara Bellofiore, Francesco de Blasio

Echocardiography and N-terminal-pro-brain natriuretic peptide in assessment of left ventricular diastolic dysfunction in stable COPD in relation to disease severity

Gehan Hassan Ali Abo E-Magd (Tanta, Egypt), Timoor Hassan, Mohamed Aly, Maaly Mabrouk

Decline in health status in alpha1 antitrypsin deficiency

Robert Andrew Stockley (BIRMINGHAM, United Kingdom), Ross Edgar, Sian Hughes, Alice Turner

Exacerbations and duration of smoking abstinence are associated with the annual decline in lung function in individuals with PiZZ alpha-1-antitrypsin deficiency

Sebastian Fähndrich (Homburg/Saar, Germany), Sebastian Fähndrich, Nikolas Bernhard, Philipp M. Lepper, Claus Vogelmeier, Martina Seibert, Stefan Wagenpfeil, Robert Bals

Exhaled breath temperature in patients with severe asthma starting treatment with omalizumab

Tanya Kralimarkova (SOFIA, Bulgaria), Diana Hristova, Kalina Bacheva, Todor Popov

Soluble urokinase-type plasminogen activator receptor in monitoring of treatment response in acute exacerbation of chronic obstructive pulmonary disease

Gehan Hassan Ali Abo E-Magd (Tanta, Egypt), Maaly Mabrouk

08:30 - 10:30

Poster Discussion: Shared exposures related to interstitial disease and airflow obstruction**Tag(s)** : Smoking prevention and cessation (HLfL)**Chairs** : Dennis Nowak (München, Germany), Chair to be confirmed**Pubmed mining for occupational idiopathic pulmonary fibrosis papers**

Carl Reynolds (London, United Kingdom), Sara De Matteis, Paul Cullinan, Joanna Szram

Progression of Idiopathic Pulmonary Fibrosis in patients with past occupational exposure to dusts

Filippo Liviero (Padova, Italy), Paola Mason, Gabriella Guarnieri, Maria Cristina Scarpa, Elisabetta Balestro, Piero Maestrelli

An observational study on the effect of air pollution on the incidence of idiopathic pulmonary fibrosis in Italy

Sara Conti (Monza (MB), Italy), Sergio Harari, Antonella Caminati, Antonella Zanobetti, Joel David Schwartz, Pietro Alberto Bertazzi, Giancarlo Cesana, Fabiana Madotto

Occupational exposures associated with pulmonary alveolar proteinosis

Kristin Cummings (Morgantown, United States of America), Carl Reynolds, Isabella Annesi-Maesano, John Balmes, David Fishwick, David Miedinger, Nicola Murgia, Rajen Naidoo, Carrie Redlich, Torben Sigsgaard, Kjell Toren, Denis Vinnikov, Paul Blanc

Chest ultrasonography in health surveillance of asbestos related pleural disease

Simone Scarlata (ROMA, RM, Italy), Panaiotis Finamore, Gilda Giannunzio, Simona Santangelo, Raffaele Antonelli Incalzi

Compensation of pleural mesothelioma in construction workers in France

Jean-Claude Paireon (CRETEIL, France), Soizick Chamming's, Mireille Matrat, Philippe Astoul, Sabyne Audignon, Laurence Chérié-Challine, Stéphane Ducamp, Patrick Brochard, Céline Gramond, Françoise Galateau-Sallé, Marcel Goldberg, Daniele Luce, Annabelle Gilg Soit Ilg

Asbestos and mesothelioma in Portugal – an inconvenient truth?

Cátia Santos (LISBOA, Portugal), Cátia Santos, Ema Sacadura-Leite, Philippe Astoul, António Sousa Uva

The rate of occupational and environmental reasons of asbestos related diseases in Turkey

Mehmet Bayram (STANBUL, Turkey), Didem Özkan, Muhammed Emin Akkoyunlu, Fatmanur Okyaltırık, Esat Hayat, Sabriye Ennur Bilgin

Asbestos exposure causes small airway obstruction among asbestosis patients

Qiao Ye (BEIJING, China), Xiaoli Yang, Yongji Yan, Changjiang Xue, Xuqin Du

Factors associated to airway obstruction development in asbestos exposed workers in Navarra.

Pablo Antonio Sanchez Salcedo (Pamplona (Navarra), Spain), Belen Marin Martinez, Dunibel Morillo Vanegas, Tamara Gutierrez Urrea, Izaskun Jimenez Setuain, Vega García López, Pilar Cebollero Rivas, Javier Hueto, Debora Jorge García

Clinical and inflammatory features of exacerbations of occupational chronic obstructive pulmonary disease

Lyubov Shpagina (Novosibirsk, Russian Federation), Olga Kotova, Ilya Shpagin, Oksana Gerasimenko

The occupations at increased risk of COPD in the UK Biobank Cohort

Sara De Matteis (London, United Kingdom), Deborah Jarvis, Andrew Darnton, David Fishwick, Lesley Rushton, Paul Cullinan

Occupational COPD and HMOX1 repeats in a Danish population

Else Würtz (Tjele, Denmark), Else Würtz, Charlotte Brasch-Andersen, Rudi Steffensen, Jens Georg Hansen, Tine H. Malling, Øyvind Omland, Vivi Schlünssen

Association between lung function decline and occupational exposures in patients with COPD

Ji Hyun Kim (Chuncheon, Republic of Korea), Jin Seon Jeong, Jinkyong Park, Young Ju Jung, Yoonki Hong, Woo Jin Kim

Comparison of serum cytokine profiles among biomass- and tobacco smoke induced chronic obstructive pulmonary disease (COPD) patients in a South Indian population: A pilot study

Tania Ahalya Thimraj (CHENNAI (TAMIL NADU), India), Sangeetha Vishweswaraiah, SK Chaya, KS Lokesh, BS Jayaraj, Koustav Ganguly, PA Mahesh, Leema George

Characterisation of COPD exacerbations using personal environmental exposure monitoring

Benjamin Barratt (London, United Kingdom), Lia Chatzidiakou, Elizabeth Moore, Jennifer Quint, Sean Beever, Sefki Kolozali, Frank Kelly, Roderic Jones, Liam Smeeth

Knowledge, attitude and practices regarding cotton dust exposure among textile workers in Karachi, Pakistan

Natasha Shaukat (Karachi, Pakistan), Hasan Tahir, Asaad Nafees

Respiratory symptoms related to occupational exposure to dust

Sandra Saleiro Ferreira (Porto, Portugal), Luís Rocha, João Bento, Luís Antunes, José Torres da Costa

08:30 - 10:30

Oral Presentation: Best abstracts in pulmonary rehabilitation and chronic care (sponsored by INVACARE)

Chairs : Ioannis Vogiatzis (ATHENS, Greece), Frits M.E. Franssen (Horn, Netherlands)

08:30 The effects of pulmonary rehabilitation in patients with non-cystic fibrosis bronchiectasis- A randomised controlled trial

Rohit Kumar (DELHI (NEW DELHI), India), Randeep Guleria, Gopi Chand Khilnani, Anant Mohan, Karan Madan, Vijay Hadda, R. M. Pandey

08:45 Unsupervised home-based versus supervised outpatient pulmonary rehabilitation (PR) in COPD: a propensity-matched, non-inferiority analysis

Djeya Kaliaraju, William D-C Man, Claire M Nolan, Suhani Patel, Ruth E Barker

09:00 Relationship between stair climbing test and locomotor parameters after Pulmonary Rehabilitation

Patricia Coertjens (Porto Alegre, Brazil), Marcelo Coertjens, Hugo Goulart de Oliveira, Marli Maria Knorst, Leonardo Alexandre Peyré-Tartaruga

09:15 Effect of high intensity interval exercise rehabilitation in cystic fibrosis

Georgios Kaltsakas (Athens, Greece), Nikolaos Anastasopoulos, Nikolaos Chynkiamis, Pinelopi Zeliou, Vasiliki Karapatoucha, Konstantinos Kotsifas, Filia Diamantea, Ilias Inglezos, Nickolaos G. Koulouris, Ioannis Vogiatzis

09:30 Response to pulmonary rehabilitation (PR) in bronchiectasis and COPD: a propensity matched analysis

Aaron Cole (Harefield, United Kingdom), Claire M Nolan, Suhani Patel, Ruth E Barker, William D-C Man

09:45 Cerebral cortex blood flow response to exercise in COPD patients with and without cognitive impairment

Vasileios Andrianopoulos (Schönau a. Königssee, Germany), Ioannis Vogiatzis, Rainer Gloeckl, Robert Bals, Klaus Kenn

- 10:00** **Effects of mean pulmonary arterial pressure and supplemental oxygen on exercise capacity in IPF patients with exercise-induced hypoxemia**
Shinichi Arizono (Hamamatsu/Shizuoka, Japan), Hiroyuki Taniguchi, Yasuhiro Kondoh, Tomoki Kimura, Kensuke Kataoka, Taiki Furukawa, Tomoya Ogawa, Fumiko Watanabe, Ryo Koza

08:30 - 10:30

Oral Presentation: Pleural disease and mesothelioma: from the bench to the bedside

Chairs : Marios E. Froudarakis (ALEXANDROUPOLIS, Greece)

- LSC - 2017 - KRAS & TP53 mutations cause malignant mesothelioma**
Anthi Krontira (Patras, Greece), Antonia Marazioti, Malamati Vreka, Marianthi Iliopoulou, Ioannis Lilis, Georgia Giotopoulou, Magda Spella, Helen Petrou, Georgios Stathopoulos
- 08:30** **The role of conservative management in traumatic pneumothoraces: an observational study**
Steven Walker (BRISTOL, United Kingdom), Shaney Barratt, Nick Maskell, Julian Thompson
- 08:45** **Imaging more frequently drives decision to increase treatment in pleural infection than clinical condition**
Candice Wilshire (Seattle, United States of America), Carson Fuller, Christopher R. Gilbert, Brian E. Louie, Ralph W. Aye, Alexander S. Farivar, Eric Eric Vallières, Jed Gorden
- 09:00** **Ultrasonographic predictors of spontaneous pleurodesis in malignant pleural effusion with pleural tunnelled catheters**
Erick Joel Rendon Ramirez (Monterrey, N.L., Mexico), Erick Joel Rendón Ramírez, Hector Cedillo, Erick Renpenning, Juan Francisco Gonzalez, Claudia Paola Rivera, Roberto Mercado, Perla Rocio Colunga, Jose Felipe Villegas, Erika Cristina Cazares
- 09:15** **A prospective study using serum mesothelin to monitor mesothelioma.**
David Arnold (, Australia), Duneesha de Fonseka, Louise Stadon, Emma Keenan, Lynne Armstrong, Nick Maskell, Michael Darby
- 09:30** **BAP1 expression and treatment outcomes in malignant mesothelioma.**
Neelam Kumar (London, United Kingdom), Krishna Kolluri, Elizabeth Sage, Elaine Borg, Mary Falzon, Andrew Nicholson, Sam Janes
- 09:45** **MTH-1 inhibition retards mesothelioma progression**
Sophia Magkouta (ATHENS, Greece), Apostolos Pappas, Chrysavgi Kosti, Marianthi Iliopoulou, Katherina Psarra, Ioannis Kalomenidis

08:30 - 10:30

Oral Presentation: New insights into acute critical care

Chairs : Cesare Gregoretti (Turin, Italy), Chair to be confirmed

- 08:30** **Angiotensin-(1-7) effects in a rat model of ventilator-induced diaphragmatic dysfunction (VIDD)**
Vanessa Zambelli (Monza, Italy), Laura Rizzi, Letizia Zucca, Anna Sigurtà, Paolo Delvecchio, Elena Bresciani, Antonio Biagio Torsello, Giacomo Bellani
- 08:45** **Differential regulation of skeletal muscle myofilament protein expression in sepsis**
Sabah Hussain (Montréal, QC, Canada), Vanessa Moarbes, Philippe Leblanc, Laurent Huck, Anna Perez, Flavia Stana, Dominique Mayaki
- 09:00** **Electrical Impedance Tomography for the assessment of spontaneous breathing trials in patients with prolonged weaning**
Michael Dreher (Aachen, Germany), Christian Cornelissen, Johannes Bickenbach, Michael Czaplik
- 09:15** **Variability of tidal volume in assisted mechanical ventilation in ARDS: a bench study**
Sophie Perinel Ragey (Cellieu, France), Loredana Baboi, Claude Guerin
- 09:30** **Small airway closure studied in vivo by synchrotron CT imaging in injured lung**
Ludovic Broche (GRENOBLE, France), Pauline Pisa, Luca Fardin, Gaetano Perchiazzi, Liisa Porra, Angela Tannoia, Mariangela Pelligrini, Savino Derosa, Alessandra Sindaco, Göran Hedenstierna, Anders Larsson, Sam Bayat, João Batista Borges
- 09:45** **Laryngeal ultrasound as a bedside tool in detecting post-extubation stridor in patients with respiratory illness**
Lamia Shaaban (ASSIUT, Egypt), Ashraf Zin, Shereen Farghaly, Hosam Glal Eldein, Maiada Kamal
- 10:00** **PEEP's effect on Energy Load in obese, ARDS and control patients**
Mariateresa Guanziroli (milan, Italy), Davide Chiumello, Miriam Gotti, Antonella Marino, Massimo Cressoni, Chiara Chiurazzi, Luciano Gattinoni

08:30 - 10:30

Oral Presentation: New mechanistic findings about COPD

Chairs : H. Irene Heijink (Groningen, Netherlands), Mark Gjomarkaj (Palermo, PA, Italy)

- 08:30** **Role of lamin B1 in COPD pathogenesis**
Nayuta Saito (Tokyo, Japan), Jun Araya, Saburo Ito, Tsukasa Kadota, Masahiro Yoshida, Akihiro Ichikawa, Yusuke Kurita, Kazuya Tsubouchi, Nahoko Sato, Kenji Kobayashi, Shunsuke Minagawa, Hiromochi Hara, Hironori Kawamoto, Akihiko Ito, Hirofumi Utsumi, Haruhiko Yanagisama, Mitsuo Hashimoto, Hiroshi Wakui, Takeo Ishikawa, Takanori Numata, Yumi Kaneko, Katsutoshi Nakayama, Kazuyoshi Kuwano
- 08:45** **Human rhinovirus 16 infection of human macrophages significantly impairs their phagocytic and regulatory functions: implications in understanding chronic inflammatory lung disease**
Jamil Jubrail (Paris, France), Kshanti Africano Gomez, Pierre Regis Burgel, Gaell Mayer, Nisha Kurian, Florence Niedergang
- 09:00** **RNA-binding protein HuR inhibits the expression of sirtuin-1 in patients with COPD**
Jonathan R. Baker (London, United Kingdom), Chaitanya Vuppusetty, Kazuhiro Ito, Peter Barnes, Kizawa Yasuo
- 09:15** **Alpha-1 antitrypsin (AAT) polymerization in alveolar macrophages of AAT deficient individuals and in smokers.**
Erica Bazzan (Padova, PD, Italy), Mariaenrica Tinè, Riccardo Benetti, Elena Miranda, Davide Biondini, Graziella Turato, Manuela Sgambato, Federico Rea, Fiorella Calabrese, Simonetta Baraldo, David A Lomas, Manuel G Cosio, Marina Saetta, Chiara Rigobello
- 09:30** **MicroRNA-34a drives small airway fibroblast cellular senescence in COPD**
Catherine Wrench (London, United Kingdom), Jonathan Baker, Peter Fenwick, Louise Donnelly, Peter Barnes
- 09:45** **Bromodomain And Extra-Terminal (BET) proteins regulate metabolic and redox function in COPD airway smooth muscle cells**
Charalambos Michaeloudes (London, United Kingdom), Sharon Mumby, Kian Fan Chung, Ian Adcock
- 10:00** **2D cross-omics integrated enrichment analysis reveals insights into COPD pathogenesis**
Julian Dorer (Neuherberg, München, Germany), Thomas M Conlon, Jörg Bartel, Martina Häckl, Fabian J. Theis, Oliver Eickelberg, Ali Önder Yildirim, Jan Krumsiek

08:30 - 10:30

Oral Presentation: Novel mechanisms and treatments for asthma

Chairs : Leif Bjermer (Lund, Sweden)

- 08:30** **A randomized trial of AZD7594 a novel non-steroidal anti-inflammatory drug in asthma patients**
Ajay Aggarwal (Wellesley, United States of America), Mary Brown, Rainard Fuhr, Hong-Lin Su, Yingxue Chen, Henrik Forsman, Helen Jackson
- 08:45** **Molecular evidence of Group 1 innate lymphoid cell activation in the U-BIOPRED cohort**
Stelios Pavlidis (London, United Kingdom), Yike Guo, Kai Sun, Christos Rossios, Anthony Rowe, Matt Loza, Frederic Baribaud, Uruj Hoda, Ana Sousa, Julie Corfield, Ratko Djukanovic, Peter J. Sterk, Ian Adcock, Fan Chung, Charles Auffray
- 09:00** **MUC5AC expression decrease correlates with the decline in rates of severe asthma exacerbations post bronchial thermoplasty**
Jamila Chakir (Québec, QC, Canada), Ikhlass Haj Salem, Delphine Gras, Philippe Joubert, Louis-Philippe Boulet, Sophie Plante, Sabrina Biardel, Noel Lampron, Simon Martel, Pascal Chanez, Michel Laviolette
- 09:15** **Pharmacological characterization of CHF6162, a novel long acting inhaled corticosteroid for the treatment of asthma**
Gessica Marchini (Parma, Italy), Chiara Carnini, Valentina Cenacchi, Paola Caruso, Anna Rita Pisano, Annalisa Murgo, Eleonora Ghidini, Anna Maria Capelli, Maurizio Civelli, Gino Villetti, Fabrizio Facchinetti, Riccardo Patacchini
- 09:30** **Pharmacological properties of novel LTC4 synthase inhibitor**
Pernilla Glader (Mölndal, Sweden), Fanyi Jiang, Ann Aurell Holmberg, Corinne Hamblet, Eva Lamm Bergström, Kristensson Lisbeth, Fredrik Wågberg, Anders Lundqvist, Linda Swedin, Mattias Rohman, Johanna Vinblad, Britt-Marie Wissing, Theresa Andreasson, Louise Hafsten, Henrik Bergquist, Magnus Munck af Rosenschöld, Andy Davis

09:45 Nicotinic alpha-7 receptor stimulation ($\alpha 7$ nAChR) inhibited NF- κ B/STAT3/SOCS3 pathways in a murine model of asthma.
Fernanda Paula Roncon Santana (Diadema, Brazil), Sergio Festa Tomari, Claudia Jeane Claudino de Pontes Miranda, Nathália Montouro Pinheiro, Luciana Chagas Caperuto, Iolanda de Fátima Lopes Calvo Tibério, Marco Antônio Maximo Prado, Milton de Arruda Martins, Vânia Ferreira Prado, Carla Maximo Prado

10:00 Fevipiprant reduces airway smooth muscle mass in asthmatics via PGD2 receptor antagonism
Ruth Saunders (LEICESTER, United Kingdom), Himanshu Kaul, Rachid Berair, Amisha Singapuri, Igor Chernyavsky, Latifa Chachi, Michael Biddle, Amanda Sutcliffe, Marie Laurencin, Gerald Bacher, Michelle Bourne, Ian D. Pavord, Andrew J. Wardlaw, Salman H. Siddiqui, Richard Kay, Bindi S. Brook, Rod Smallwood, Chris E. Brightling

08:30 - 10:30

Oral Presentation: Asthma and ACOS: predictors and clinical characteristics

Tag(s) : Smoking prevention and cessation (HLfL)

08:30 Parental asthma and the risk of early-onset transient, early-onset persistent, and late-onset asthma in the offspring
Xiaoqin Liu (Aarhus, Denmark), Vivi Schlünssen

08:45 Characteristics of adult onset vs. late onset asthma - a multinational database cohort study
Katia Mc Verhamme (Rotterdam, Netherlands), Marjolein Engelkes, Maria de Ridder, Elisabeth Svensson, Klara Klara Berencsi, Daniel Prieto-Alhambra, Francesco Lapi, Carlo Giaquinto, Gino Picelli, Nada Boudiaf, Frank Albers, Sarah M. Cockle, Eric Bradford, Melissa K. Van Dyke, Peter Rijnbeek, Guy Brusselle, Miriam Sturkenboom, Esmé Baan

09:00 Asthma and COPD overlap syndrome (ACOS) is related to a high burden of sleep disturbance and respiratory symptoms: results from the RHINE and Swedish GA2LEN surveys.
Stephanie Mindus (Stockholm, Sweden), Andrei Malinovski, Linda Ekerljung, Bertil Forsberg, Thorarinn Gislason, Rain Jögi, Eva Lindberg, Karl A Franklin, Mathias Holm, Ane Johannessen, Roelinde Middelveld, Vivi Schlünssen, Cecilie Svanes, Kjell Torén, Christer Janson

09:15 Determinants of incident asthma-COPD overlap compared to asthma and COPD alone: A prospective study of 55,110 middle-aged adults
Charlotte Suppli Ulrik (Virum, Denmark), Camilla Boslev Baaarnes, Zorana J Andersen, Kim Overvad, Anne Tjønneland

09:30 Ten years evolution of cluster-based asthma phenotypes
Valerie Siroux (LA TRONCHE, France), Anne Boudier, Sebastien Chanoine, Simone Accordini, Josep M Anto, Xavier Basagagna, Jean Bousquet, Pascal Demoly, Judith Garcia-Aymerich, Frederic Gormand, Joachim Heinrich, Christer Janson, Nino Kunzli, Régis Matran, Christophe Pison, Chantal Raheison, Jordi Sunyer, Raphaelle Varraso, Deborah Jarvis, Bénédicte Leynaert, Isabelle Pin

09:45 Blood eosinophils and lung function decline in young adults.
Robert Hancox (Dunedin, New Zealand), Ian Pavord, Malcolm Sears

10:00 Oral microbiome and associations with chemical exposure, asthma and lung function
Randi Bertelsen (BERGEN, Norway), Tamar Ringel-Kulka, Shyamal Peddada, Abhishek Kaul, Francisco G. Real, Cecilie Svanes

10:40 - 13:00

Skills workshop: SW4 Thoracic ultrasound

Aims : To provide participants with an update on thoracic ultrasound knowledge and an opportunity to practise basic hands-on skills using training models, simulators, volunteers and patients.

Tag(s) : Clinical

Target audience : Fellow, Pulmonologist, Radiologist, Resident, Respiratory physician, Respiratory therapist, Thoracic surgeon

Chairs : Najib M. Rahman (Oxford, United Kingdom)

Introduction

Workstation 1: the normal human thoracic cavity
Konstantina Kontogianni (Heidelberg, Germany), Christian B. Laursen (Odense, Denmark)

Workstation 2: pleural effusion and/or pleural thickening
Horiana Grosu (Houston, United States of America), Paolo Ceruti (Cremona, Italy)

Workstation 3: case studies
John Wrightson (Oxford, United Kingdom)

Workstation 4: guided pleural aspiration and lymph node biopsy using models

Najib M. Rahman (Oxford, United Kingdom), Rahul Bhatnagar (Bristol, United Kingdom), Giovanni Volpicelli (Torino, Italy)

10:40 - 13:00

Skills workshop: SW3 Minimally invasive thoracic surgery Video-Assisted-Thoroscopic-Surgery (VATS) lobectomy

Aims : To present the advantages of VATS, its applications in thoracic operations and technique advancements in the field of minimally invasive thoracic surgery; to acquire basic skills to build up confidence and to feel at ease with thoracoscopic techniques; to train on a simulator and improve orientation, eye-hand coordination and manual skills; to practice an accurate usage of surgical instruments such as dissectors, vessel loops and staplers.

Track(s) : Lung cancer

Tag(s) : Clinical

Target audience : Educationalist, Epidemiologist, Fellow, Junior member, Nurse, Resident, Student, Thoracic endoscopist, Thoracic surgeon

Chairs : Stefano Elia (Rome, Italy)

Introduction

Interactively guided case

Alessandro Brunelli (Leeds, United Kingdom)

Basic skills

Marco Scarci (London, United Kingdom)

Hands-on case #1

Benedetta Bedetti (Cambridge, United Kingdom)

Hands-on case #2

Xavier Benoit D'Journo (Marseille, France)

10:45 - 12:45

Professional development workshop: PDW2 How to deal with difficult people

Aims : To increase the ability of the attendees (1) to develop effective approaches to dealing with challenging situations; (2) to use effective communication skills to raise concerns; and (3) to identify difficult personality types and utilise specific strategies to deal with them.

Target audience : Allied health professional, Clinician, Fellow, Junior member, Patient, Public health official, Respiratory physician, Trainee, Student, Nurse, Physiotherapist, Researcher, Social worker, Respiratory therapist, Educationalist

Chairs : Nicolino Ambrosino (Livorno, Italy)

Introduction by the chair

What makes a situation challenging? - Remembering that impact may differ from intent - How perception impacts your view - Gaining psychological distance as you prepare an approach - Recognising that emotions may cloud your judgment and behaviour - Small group discussion: What types of behaviour are most challenging for you and why?

Louellen N. Essex (Wayzata, United States of America)

When you want to use a communication approach: a step-by-step template - Describing the problem without using judgmental terms - Owning your own point of view - Explaining the impact of the problem - Listening carefully to the response - Negotiating solutions - What to do if you cannot reach an agreement - Skills practise in communicating with difficult people in small groups

Louellen N. Essex (Wayzata, United States of America)

Applying the communication approach to common difficult situations - Case discussion in small groups: what would you say/do?

Louellen N. Essex (Wayzata, United States of America)

When you want to use a coping approach: - If communication does not work, managing the situation "in the moment" - Examples of what to say and do when certain behaviours occur - Skills practise in triads

Louellen N. Essex (Wayzata, United States of America)

In summary: Commit-Own-Notice-Frame-Identify-Determine-Evaluate-Negotiate-Collaborate-Experiment = CONFIDENCE

Louellen N. Essex (Wayzata, United States of America)

Questions and answers

10:45 - 12:45

Symposium: COPD and comorbid cardiovascular diseases

Aims : The objectives of this symposium are (1) to learn about the correlation between COPD and cardiovascular disorders and the importance of this correlation for the healthcare system; (2) to understand the aetiology and pathogenesis of COPD and cardiovascular comorbidity; (3) to improve knowledge about the diagnostic modalities (thoracic ultrasound, CT, MRI, arterial stiffness, ECG, and echocardiography) for COPD with cardiovascular comorbidities and their benefits and disadvantages for patients; (4) to improve knowledge about the therapeutic procedures for COPD patients with cardiovascular comorbidities; and (5) to understand the importance of non-invasive ventilation in patients with COPD and heart failure.

Track(s) : Chronic airway diseases**Tag(s) :** Clinical

Target audience : Cardiologist, Clinician, Emergency medicine doctor, Epidemiologist, General practitioner, Intensivist/critical care physician, Junior member, Pharmaceutical industry representative, Physiologist, Physiotherapist, Pulmonologist, Radiologist, Researcher, Resident, Respiratory physician, Sleep specialist/technologist, Trainee

Chairs : Hilary Pinnock (Edinburgh, United Kingdom), Enrico Maria Clini (Pavullo (MO), Italy)

10:45 The association between COPD and cardiovascular disorders
Leonardo Michele Fabbri (Modena, Italy)

11:15 Biomarkers in COPD and cardiovascular diseases
Daiana Stolz (Basel, Switzerland)

11:45 Drugs for COPD with cardiovascular diseases: Musts and No-go's
Claus Vogelmeier (Marburg, Germany)

12:15 Smoking cessation: key for both COPD and cardiovascular disease, but how to manage it?
Stefan Andreas (Immenhausen, Germany)

10:45 - 12:45

Symposium: Repair of the emphysematous lung: mesenchymal stromal cell and matrix interactions

Aims : Abnormal alveolar regeneration has emerged as the driving force of emphysema pathogenesis and progression, and research on lung tissue regeneration has developed rapidly in recent years. However, regenerative medicine in emphysema faces considerable challenges because of the complex architecture of the normal lung, and because of our limited understanding of the mechanism of abnormal lung repair in COPD and the role the extracellular matrix (ECM) plays in this mechanism. This session will increase the attendees' understanding of (1) the mechanisms of abnormal repair in emphysema and the deficiencies in the mesenchymal stromal cells of emphysema patients; (2) the role that the ECM plays in lung repair; (3) the usefulness of ECM molecules for delivering mesenchymal stromal cells; and (4) the novel clinical approaches that use mesenchymal stromal cells and tissue engineering to induce lung repair.

Track(s) : Chronic airway diseases, Interstitial lung disease and vascular disease**Tag(s) :** Basic translational science

Target audience : Clinician, Fellow, Junior member, Pathologist, Pharmaceutical industry representative, Pulmonologist, Researcher, Resident, Respiratory physician, Scientist, Student

Chairs : Janette K. Burgess (Groningen, Netherlands), Darcy Wagner (Lund, Sweden)

10:45 The extracellular matrix: the stromal cell niche plays a central role in the quest to induce lung repair in emphysema
Gunilla Westergren-Thorsson (Lund, Sweden)

11:15 Impaired tissue repair in emphysema: intrinsic defects in mesenchymal stromal cells or defects in the matrix?
H. Irene Heijink (Groningen, Netherlands)

11:45 Aerosolised delivery of mesenchymal stromal cells to the lungs: towards a novel therapy
Wojciech Chrzanowski (Sydney, Australia)

12:15 Mesenchymal stromal cells in clinical trials: implications for emphysema
Daniel Weiss (Burlington, United States of America)

10:45 - 12:45

Symposium: Translating "evidence-based behaviour change" and "e-health" interventions into practice: what works in smoking cessation and smoking prevention?

Aims : Aims: The aims of this symposium are to describe the evidence-based knowledge on clinical cessation skills and effective health system approaches to smoking cessation; to promote the systematic implementation of evidence-based clinical interventions and effective technological cessation aids; and to discuss the role of mass media campaigns and the need for evidence-based and adequately funded interventions, for both smoking prevention and cessation.

Track(s) : Chronic airway diseases

Tag(s) : Smoking prevention and cessation (HLfL)

Target audience : Allergologist, Allied health professional, Anaesthesiologist, Cardiologist, Clinician, Educationalist, Epidemiologist, General practitioner, Immunologist, Junior member, Neonatologist, Nurse, Occupational therapist, Oncologist, Otolaryngologist, Paediatrician, Patient, Physiotherapist, Psychologist, Public health official, Pulmonologist, Researcher, Resident, Respiratory physician, Respiratory therapist, Scientist, Social worker, Student, TB specialist, Thoracic surgeon, Trainee

Chairs : Paraskevi Katsaounou (Athens, Greece), Sofia Belo Ravara (Covilhã, Portugal)

10:45 **Implementing evidence-based health behaviour change in smoking cessation: what works?**
Kim Lavoie (Montréal, QC, Canada)

11:12 **Weight gain and smoking cessation: how to manage expectations and how to manage weight gain**
Serena Tonstad (Hvalstad, Norway)

11:39 **Novel approaches to smoking cessation: effectiveness of e-health cessation aids and the preferences and attitudes of users**

12:06 **Patient's testimonial**
Manuela Leonardi (Catania, Italy)

12:18 **Mass media campaigns: what works in smoking prevention and cessation?**
Speaker to be confirmed

10:45 - 12:45

Symposium: Multidisciplinary management of sleep apnoea

Aims : The aim of this session is to discuss the current therapeutic options for breathing disturbances during sleep. While continuous and automated positive airway pressure is the treatment of choice for the majority of sleep apnoea patients, and mandibular advancement devices are now broadly accepted, there are controversies about the optimal treatment in special situations or disease entities. The role that adaptive pressure support ventilators play in central sleep apnoea or hypoventilation disorders requires critical re-analysis. The evidence and efficacy in clinical practice of positional therapy, hypoglossus nerve stimulation, and oxygen therapy will be discussed critically. Thus, this symposium will present the current evidence and indications for treatment in specific situations.

Track(s) : Acute and chronic respiratory failure/sleep

Target audience : Fellow, General practitioner, Intensivist/critical care physician, Nurse, Otolaryngologist, Physiotherapist, Public health official, Pulmonologist, Researcher, Resident, Respiratory physician, Respiratory therapist, Sleep specialist/technologist, Trainee

Chairs : Konrad E. Bloch (Zurich, Switzerland), Silke Ryan (Dublin 14, Ireland)

10:45 **Sleep apnoea and heart disease: association, causality, and therapeutic implications?**
Virend Somers (Rochester, United States of America)

11:15 **From CPAP to non-invasive ventilation: a personalised approach to sleep-disordered breathing**
Winfried J. Randerath (Solingen, Germany)

11:45 **Advances in the surgical treatment of obstructive sleep apnoea**
Georges Bettega (Epagny Metz-Tessy, France)

12:15 **Mandibular advancement and positional therapy**
Marie Marklund (Umea, Sweden)

10:45 - 12:45

Symposium: State of the Art Session: Rehabilitation, interventional pulmonology and surgery

Aims : Based on the published evidence from the last year the most interesting papers will be presented and discussed. The audience will receive a commented update on the actual literature

Track(s) : Exercise, rehabilitation and physiology

Tag(s) : Clinical

Target audience : Allied health professional, Clinician, Fellow, General practitioner, Intensivist/critical care physician, Nurse, Physiologist, Physiotherapist, Psychologist, Radiologist, Student

Chairs : Momen Wahidi (Durham, United States of America), Geert Verleden (Leuven, Belgium)

10:45 **Rehabilitation- a must!**
Frits M.E. Franssen (Horn, Netherlands)

11:15 **Interventional pulmonology: a solution for every airway diseases**
Maren Schuhmann (Heidelberg, Germany)

11:45 **Interventional pulmonology: a solution for pleural diseases**
Coenraad Frederik Nicolaas Koegelenberg (Cape Town, South Africa)

12:15 **Lung transplantation the actual and future situation**
Christian Benden (Zürich, Switzerland)

10:45 - 12:45

Grand Round: GR2 Lung Cancer Grand Round

An expert MDT board discussing four challenging cases provided by the Thoracic Oncology Assembly members

Aims : This Grand Round will test your clinical knowledge in lung cancer. Four cases will address current hot lung cancer topics : handling of the solitary pulmonary nodule as a result of CT screening, pre-therapeutic fitness assessment and improvement, best diagnostic-therapeutic sequences in molecular altered NSCLC, and successful strategies for oligometastatic patients. These highly instructive cases have been carefully selected out of many thrilling cases which were kindly sent in by members of the Thoracic Oncology Assembly and other related Assemblies. They will be presented by the treating physicians in front of an expert MDT board guaranteeing vivid discussions on stage and together with the audience.

Track(s) : Lung cancer

Tag(s) : Clinical

Target audience : Allied health professional, Clinician, Fellow, General practitioner, Immunologist, Junior member, Nurse, Oncologist, Pathologist, Patient, Physiologist, Psychologist, Public health official, Pulmonologist, Radiologist, Resident, Respiratory physician, Respiratory therapist, Social worker, Student, Thoracic surgeon, Thoracic endoscopist, Trainee

Chairs : Nir Peled (Hod Hasharon, Israel), Paul E. Van Schil (Edegem (Antwerp), Belgium), Paul Martin Putora (St. Gallen, Switzerland), Claus Peter Heussel (Heidelberg, Germany), Chair to be confirmed

10:45 **Benign or malignant ? - a tricky solitary pulmonary nodule in a patient at high risk for lung cancer**

11:15 **Pushing the limits, real benefit for the patient ? – a curative treatment approach in an unfit lung cancer patient**

11:45 **Eminence or evidence based ? – personalised diagnostic-therapeutic sequences in a molecular altered advanced NSCLC patient**

12:15 **Ubi tumour, ibi evacua ? – seeking cure in an oligo-metastatic NSCLC patient**

10:45 - 12:45

Session: Sadoul Lecture "Airway hyperresponsiveness: the riddle of asthma and COPD" and related topics

Aims : To revive the interest to clarify the underlying mechanisms of airway hyperresponsiveness (AHR). AHR is a risk factor for both asthma and COPD, and is central to the diagnosis and severity of asthma, and to disease progression and mortality in COPD. The same phenotype of AHR may have different underlying mechanisms in asthma and COPD, but how and why?

Chairs : Stephen T. Holgate (Southampton, United Kingdom), Peter J. Sterk (Amsterdam, Netherlands)

10:45 **Airway hyperresponsiveness: the riddle of asthma and COPD**
Dirkje S. Postma (Groningen, Netherlands)

11:25 **Interpreting hyperresponsiveness in asthma**
Paul M. O'Byrne (Hamilton, ON, Canada)

11:51 **Genetics and epigenetics of hyperresponsiveness in asthma and full asthma remission**
Gerard H. Koppelman (Groningen, Netherlands)

12:18 **Small airways and hyperresponsiveness in asthma and COPD**
Gregory King (Sydney, Australia)

10:45 - 12:45

Poster Discussion: Prognostic factors and outcomes in pulmonary embolism

Chairs : David Jiménez Castro (Madrid, Spain), Olivier Sanchez (PARIS, France)

Age-Adjusted D-Dimer Cut Off: Could this prove cost-effective and safe for our Emergency Units? Authors: Mills M, Downey C, Townley S, Kasis A, Dutt T, Gautam M. Introduction: A D-dimer test result (conventionally up to 500 g/L) is an important component of the diagnostic work-up for patients with suspected VTE, however, it is well known that D-Dimer levels rise with age. Although a negative D-Dimer in conjunction with a clinical probability score can be effective at excluding DVT/PE, studies have proposed that the use of an age-adjusted cut off can increase the number of patients excluded from further testing with a low likelihood of subsequent VTE. This study looked at unselected D-dimer requests from the Emergency department (ED) for patients with suspected DVT/PE to assess the potential impact of introducing age-adjusted D-dimer cut off limits.
Azam Kasis (Liverpool, United Kingdom), Manish Gautam

Is it really save to apply the age-adjusted D-dimer cutoff for ruling out pulmonary embolism?
Eveline van de Stadt (Enschede, Netherlands), Timon M. Fabius, Jennita Slomp, Leontine Mulder, Michiel M.M. Eijsvogel

Pulmonary Embolism Lysis Team (PELT): Guiding thrombolysis in Sub-Massive PE (SMPE)
Thomas Mason (London, United Kingdom), Natalie Holmes, Boris Lams, Beverley Hunt, Karen Breen, Narayan Karunanithy, Gihan Hettiarachchi, Alex West

Short-term mortality in patients with acute symptomatic pulmonary embolism
Ana Jaureguizar Oriol (MADRID, Spain), Pedro Ruiz Artacho, Deisy Diana Barrios Barreto, Raquel Morillo Guerrero, Beatriz Martín García, David Jiménez Castro, Manuel Monreal Bosch

High prevalence of chronic breathlessness following submassive pulmonary embolism
Patrick Flood-Page (CARDIFF, United Kingdom)

In patients with intermediate-low risk pulmonary embolism: cardiac enzyme or right ventricle dysfunction or sPESI
Mustafa Bugra Coskuner (TRABZON, Turkey), Sava Özsu, Funda Öztuna, Y İmaz Bülbül, Tevfik Özlü

Incidence of Chronic Thromboembolic Pulmonary Hypertension (CTEPH) at six months of a Pulmonary Embolism (PE). OSIRIS Study
Remedios Otero Candelera (SEVILLA, Spain), Raquel López, José Luis Lobo, David Jimenez, Alfonso Muriel, Carmen Fernández-Capitán, María Alfonso, Aitor Ballaz, Ana Nuñez, Consolación Rodríguez-Matute, Javier de Miguel, Manuel Monreal, Diego Agustín, Mercedes Alcalde, Fernando García-Bragado, Luis Manuel Hernández, Fernando Uresandi, Ramon Aguero, Fatima Del Molino

Prognostic value of right ventricular dilatation in patients with low risk pulmonary embolism
Benoit Côté (Québec, Canada), Benoit Côté, Guy Meyer, Benjamin Planquette, Olivier Sanchez, David Jiménez

Pulmonary embolism in England 1998-2015: increasing incidence and declining mortality.
Stephen Wort (Hampton, United Kingdom), Aleksander Kempny, Konstantinos Dimopoulos, Laura Price, Colm McCabe, Michael Gatzoulis

Clinical and Epidemiological Features of Tumor and Non-tumor Patients Complicated with Pulmonary Embolism
Yavuz Havlucu (MANİSA, Turkey), Pinar Celik, Tugba Göktaay, Aysın Sakar Coskun, Arzu Yorgancıoğlu

Different mortality, recurrence and bleeding between cancer and non cancer patients with pulmonary embolism (PE): 1 year follow-up.
Letizia Marconi (Pisa, PI, Italy), Federica Restivo, Laura Carrozzi, Ferruccio Aquilini, Antonio Palla

Half - dose of recombinant tissue-type plasminogen activator in the treatment of acute pulmonary embolism: long term outcomes
Habibe Oflaz Hezer (ANKARA, Turkey), Hatice Kılıç, Osama Abuzaina, Canan Hasanoğlu, Ayşe Gül Karalezli

Prevalence and clinical predictors of persistent perfusion defects after acute pulmonary embolism
Rossella D'Amato (Santa Cruz de Tenerife, Spain), María Purificación Ramírez Martín

10:45 - 12:45

Poster Discussion: Pulmonary drug delivery and devices

Chairs : Omar S. Usmani (London, United Kingdom)

Formoterol Aerolizer inhaler technique in patients with Asthma and COPD

Martin Balzan (Tal Qroqq, Malta), Kyra Bartolo, Yanika Gatt, Lara Angelle Micallef, James A. Farrugia

Safety, Tolerability (S&T) and Pharmacokinetics (PK) of Single and Repeat Inhaled Doses of Phosphoinositide-3-Kinase Delta Inhibitor (PI3K) GSK2269557, Delivered via the ELLIPTATM Device to Healthy Subjects in a Phase I Trial, Including Charcoal Block.

Robert Wilson (London, United Kingdom), Emily Jarvis, Mickael Montembault, Nicole Hamblin, Edith M. Hessel, Anthony Cahn

Extrafine compared to non-extrafine particle ICS in smokers and ex-smokers with asthma

Claire A. Cox (Groningen, Netherlands), Ilse M. Boudewijn, Sebastiaan J. Vroegop, Siebrig Schokker, Anne J. Lexmond, Erik W. Frijlink, Paul Hagedoorn, Judith M. Vonk, Martijn P. Farenhorst, Nick T.H. ten Hacken, Huib A.M. Kerstjens, Dirkje S. Postma, Maarten van den Berge

Lung deposition of fluticasone propionate/formoterol administered via a breath-triggered inhaler

Prashant Dalvi (CAMBRIDGE, United Kingdom), Dominik Kappeler, Knut Sommerer, Claudius Kietzig, Bärbel Huber, Jo Woodward, Mark Lomax

Relative pulmonary bioavailability (BA) of fluticasone propionate/formoterol (FP/FORM) via pressurised metered-dose inhaler (pMDI) and a novel breath-triggered inhaler (BTI)

Tim Overend (Cambridge, United Kingdom), David Bell, Gill Mundin, Mark Lomax, Jo Woodward, Sanjeeva Dissanayake

Plume spray force of three HFA-propelled ICS/LABA combination inhalers

Jonathan Marshall (Cambridge, United Kingdom), John Tuohy, Helen Danagher

Assessment of the technique in different inhalation devices and investigating the factors associated with inhaler misuse in COPD patients

Chia-Lin Yang (Douliu, Taiwan), Shu-Hua Chang, Yen-Fu Chen, Chung-Yu Chen

Do dry powder inhalers (DPIs) have a ‘Goldilocks Zone’ of inhalation? In vitro lung deposition of Budesonide/Formoterol (BUD/FORM) DPI with different inhalation profiles

Wim Vos (Heist-op-den-Berg, Belgium), Cedric Van Holsbeke, Jan De Backer, Jonathan Marshall

In vitro evaluation of aerosolized delivery of various medications during mechanical ventilation

Hui-Ling Lin (Taoyuan, Taiwan), Tang-Pei Fang, Gwo-Hwa Wan, Ying-Huang Tsai, Szu-Hui Wang

Impact of asthmatic patient satisfaction with the inhaler upon adherence, disease control and quality of life. Results of the ASCONA study

Fernando Gutierrez Pereyra (BARCELONA, Spain), Vicente Plaza, Victor Bustamante, Myriam Calle, Francisco Javier Contreras, Jordi Giner, Luis Maíz, Antonio Parra, Paula Ribó, Antonio Valero

Pressurised metered dose inhalers (pMDIs) with integrated flow rate guidance.

Mark Sanders (Harlow, Essex, United Kingdom), Ronald Bruin, Cuong Tran

Compared Aerosol Drug Delivery Efficacy of Two Types Nebulizer in Adult Mechanical Ventilator

Yu-yao Kao (Taoyuan, Taiwan), Chia-Chen Huang, Chi-Shan Hung, Eric Chen, Hui-Ling Lin

Pharmacokinetics (PK) of a single dose AZD7594 administered intravenously (IV), orally, and inhaled via two dry powder inhalers (DPI) and a pressurized metered-dose inhaler (pMDI)

Yingxue Chen (Waltham, MA, United States of America), Susanne Prothon, Ulf Eriksson, Henrik Forsman, Hong-lin Su, Mary Brown, Ajay Aggarwal, Helen Jackson

Tools with inhalation technique feedback to improve and maintain pMDI use in asthma patients

Wesam Ammari (AMMAN, Jordan), Nathir Obeidat, Abed Rahman Anani, Reem AlKalbani, Mark Sanders

CHF5993 pMDI (extrafine Beclometasone Dipropionate:BDP, Formoterol Fumarate:FF, Glycopyrronium Bromide:GB) reduces Clinically Important Deteriorations (CID) in COPD: post-hoc analysis of TRILOGY study.

Mario Scuri (PARMA, PR, Italy), Dave Singh, Alberto Papi, Stefano Vezzoli, Monica Spinola, Annamaria Muraro, Stefano Petruzzelli, Jorgen Vestbo

Control of asthma, adherence to inhaled therapy and usefulness of the Test of Adherence to Inhalers (TAI). Results of the ASCONA study

Fernando Gutierrez Pereyra (BARCELONA, Spain), Vicente Plaza, Victor Bustamante, Myriam Calle, Francisco Javier Contreras, Jordi Giner, Luis Luis Maíz, Antonio Parra, Paula Ribó, Antonio Valero

Never enough training – patient mistakes during inhalation therapy are repetitive.

Katarzyna uczak (Warszawa, Poland), Marta D browska, Marta Miszczuk, Izabela Domaga a, Wojciech Luba ski, Andrzej Leszczy ski, Marta Maskey-Warz chowska, Rafa Krenke

Impact of short training of inhalation technique on the course of asthma and COPD

Marta D browska (Warszawa, Poland), Katarzyna uczak, Marta Miszczuk, Izabela Domaga a, Wojciech Luba ski, Andrzej Leszczy ski, Marta Maskey-Warz chowska, Renata Rubinsztajn, Joanna Hermanowicz-Salamon, Rafa Krenke

10:45 - 12:45

Poster Discussion: "Alarming" immunological patterns in asthma

Chairs : Marco Idzko (Freiburg, Germany), Alberto Papi (Ferrara, Italy)

IL-33 augments rhinovirus-induced type 2 immune responses in asthma via selective upregulation of one chain of the IL-33 receptor.

John Upham (Brisbane, QLD, Australia), Lisa Jurak, Yang Xi

Chronic persistence of human γ -herpesviruses and regulatory cells phenotypes in severe bronchial asthma.

Anna Konishcheva (Moscow, Russian Federation), Valentina Gervazieva, Schodova Svetlana

T17 gene asthma signature characterized by sputum neutrophilia and regular use of antibiotics

Jörgen Östling (Möln dal, Sweden), Marleen van Geest, Zala Rojnik, Ratko Djukanovic, Peter Sterk, Fan Chung, Outi Vaarala, U Biopred Study Group

The features of cellular immunity in patients with treatment-resistant asthma

Zhanna Antanovich (MINSK, Belarus), Natalia Goncharova

Epithelial derived cytokines IL-25, IL-33 and TSLP in obstructive lung diseases

Patrycja Nejman-Gryz (Warszawa, Poland), Katarzyna Gór ska, Magdalena Papli ska-Goryca, Ma gorzata Proboszcz, Rafa Krenke

IL-33 in patients with severe uncontrolled allergic asthma

Elena Janeva (Skopje, FYROM (Macedonia)), Biserka Kaeva, Gorica Breskovska, Zlatica Goseva, Gjorcev Angelko, Marija Zdraveska, Deska Dimitrievska, Zoran Arsovski, Dejan Trajkov, Magdalena Dimitrova, G

Development of IL-33-induced asthmatic airway inflammation in human IL-3/GM-CSF/IL-5-transgenic NOG mice

Shuichiro Maruoka (Tokyo, Japan), Ryoji Ito, Mamoru Ito, Satoshi Nunomura, Kenji Izuhara, Yasuhiro Gon, Kaori Soda, Shu Hashimoto, Shoichiro Ota

Eosinophils Stimulate Airway Sensory Nerve Growth in Asthma

Matthew Drake (Portland, United States of America), Emily Blum, Allison Fryer, David Jacoby, Gregory Scott, James Lee, Nancy Lee, Richard Costello

Association between triclosan exposure levels and gut microbiota in asthmatic mice.

RYOJI HIROTA (NANKOKU, Japan), YUKIHIRO OHYA, KIWAKO YAMAMOTO, YUMA FUKUTOMI, GO MUTOH, TAKESHI NAKAMURA, HIROYUKI NAKAMURA

Involvement of apoptosis signal-regulating kinase-1 in house dust mite-induced allergic asthma in mice

Shuichiro Maruoka (Tokyo, Japan), Shinichi Okamoto, Kota Tsuya, Yasuhiro Gon, Kenji Mizumura, Shu Hashimoto, Kaori Soda, Isao Naguro, Hidenori Ichijo

Smoking in early developmental windows selectively affects male flies

Karolina-Theresa Neumann (Borstel, Germany), Karin Uliczka, Sebastian Reuter, Susanne Krauss-Etschmann, Christina Wagner

The effect of montelukast during allergen sensitization period in house dust mite mouse model

Ji Won Lee (seoul, Republic of Korea), Hyun seung Lee, Woo Jung Song, Da Eun Park, Bo ram Bae, Heung Woo Park, Yoon Seok Chang, Sang Heon Cho, Ha kyeong Won, Sung Yoon Kang

Monitoring the inflammatory heterogeneity in asthma with multiple biomarkers for multidimensional endotyping

Ioana Agache (BRASOV/BRASOV, Romania), Daniel S Strasser, Gabin M Pierlot, Hervé Farine, Kenji Izuhara, Cezmi A Akdis

Increased serum MMP-3 in severe asthma is associated with oral steroid use; data from U-BIOPRED and BIOAIR cohorts

Anna James (Stockholm, Sweden), . on behalf of U-BIOPRED and BIOAIR study groups, Johan Kolmert, Craig Wheelock, Richard Knowles, Sven-Erik Dahlén, John-Olof Thörngren, Magnus Ericsson, Cristina Gomez

Beyond inflammatory cell proportions: U-BIOPRED severe asthma blood handprint

Romain TCHING CHI YEN (Lyon, France), Bertrand De Meulder, Diane Lefaudeux, Jeanette Bigler, Matthew Loza, Frédéric Baribaud, Dominic Burg, James Schofield, Ratko Djukanovic, Johan Kolmert, Sven-Erik Dahlén, Craig Wheelock, Per Bakke, Massimo Caruso, Pascal Chanez, Stephen Fowler, Ildiko Horvath, Norbert Krug, Paolo Montuschi, Marek Sanak, Thomas Sandström, Dominic Shaw, Kian Chung, Florian Singer, Ana Sousa, Ioannis Pandis, Aruna Bansal, Charles Auffray

Comprehensive characterization of asthma patients using the Bayesian Network Model

Ioana Agache (BRASOV/BRASOV, Romania), Daniel S Strasser, Gabin M Pierlot, Bernard Deffarges, Peter MA Groenen, Cezmi A Akdis

Possible role of IL-25 in eosinophilic lung inflammation in patients with eosinophilic pneumonia

Shigeki Katoh (Okayama, Japan), Masaki Ikeda, Nobuhiro Matsumoto, Hiroki Shimizu, Mikio Oka

10:45 - 12:45

Poster Discussion: Paediatric asthma: treatment modalities and behavioural issues**Chairs :** Alexander Möller (Zürich, Switzerland), Bart L. Rottier (Groningen, Netherlands)**Pharmacokinetics of tiotropium administered by Respimat in adolescent asthma patients**

Ashish Sharma (Biberach an der Riß, Germany), René Aalbers, Eckard Hamelmann, Stanley Goldstein, Petra Moroni-Zentgraf, Michael Engel, Christian Vogelberg

Once-daily tiotropium Respimat add-on therapy improves lung function in children with moderate symptomatic asthma, independent of the degree of airflow obstruction

Christian Vogelberg (Dresden, Germany), David Halpin, Birgit Voelker, Michael Engel, Reinhold Luehmann, Eckard Hamelmann

Omalizumab treatment reduces asthma exacerbations in children with moderate or severe persistent asthma

Jenya Antonova (South San Francisco, United States of America), Stanley Szeffler, Benjamin Trzaskoma, Benjamin Ortiz, Brandee Paknis, Ahmar Iqbal, Stanley Goldstein

Comparative effectiveness of therapies for preschool children with recurrent wheezing

Jonathan Grigg (London, United Kingdom), Anjan Nibber, Elizabeth Hillyer, Alison Chisholm, David Price

Relationship of recurrent wheezing with vitamins A,D,E metabolism in children with bronchiolitis under the age of three years

Ozge Yilmaz (Manisa, Turkey), Derya Sarilar, Hasan Yuksel, Cevval Ulman, Yurda Simsek, Raziye Yıldı z, Esra Toprak Kanik

Effect of treatment with positive airway pressure in bronchial hyper responsiveness in asthmatic children and adolescents.

Evelim Gomes (São Paulo, Brazil), Maryjôse Mello, Maisi David, Dirceu Costa

The effect of asthma on cardiorespiratory endurance (CRE) in children

Michele Arigliani (Udine, UD, Italy), Carlo De Pieri, Maria Pia Francescato, Michael Vidoni, Maria Elena Ferrari, Paola Cogo, Mario C. Canciani

The British Lung Foundation asthma management programme - improving children's asthma control

Will Carroll (Staffordshire, United Kingdom), Francis Gilchrist, Sadie Clayton, Warren Lenney

Prenatal stress challenge in mice affects fetal lung development in a sex-specific manner.

Dimitra Zazara (Hamburg, Germany), Clara V Perani, Maria Emilia Solano, Petra C Arck

Maternal depression affects child asthma, mediated by insecure attachment and autonomic dysregulation (vagal bias)

Beatrice L Wood, ChiunYu Hsu, Bruce Miller

The relationship between childhood asthma and mental health conditions

Joshua Lawson (Saskatoon, SK, Canada), Donna Rennie, Roland Dyck, Don Cockcroft, Anna Afanasieva

Temporal behavior of respiratory symptoms during infancy and associations with asthma at school age

Jakob Usemann (Basel, Switzerland), Binbin Xu, Edgar Delgado-Eckert, Insa Korten, Anne Schmidt, Pinelopi Anagnostopoulou, Olga Gorlanova, Elena Proietti, Claudia Kuehni, Martin Rösli, Philipp Latzin, Urs Frey

Genome-wide association study of asthma symptoms despite inhaled corticosteroids use in Dutch children.

Niloufar Farzan (Utrecht, Netherlands), Susanne J Vijverberg, Natalia Hernandez-Pacheco, Maria Pino-Yanes, Anke-Hilse Maitland-van der Zee

Assessing the utility of asthma medication monitoring sensors in a group of high risk asthmatic children

Heather Hoch (Denver, United States of America), Allison Kempe, John Brinton, Stanley Szeffler

The pharmacist's role in managing and ameliorating childhood's asthma care: A descriptive and transversal study about 104 pharmacists in the city of Rabat in Morocco

Bousayna Iraqi (harhoura, Morocco), Imane Jroundi, Amina Iraqi, Chafiq Mahraoui

Impact of antiviral therapy for acute obstructive bronchitis in preschool children

Elena Kondiurina (Novosibirsk, Russian Federation), Irina Tyuleneva, Elena Burtseva, Svetlana Trushakova, Mark Zak

Nonadherence with asthma medication in teenagers

Kate Harris (London, United Kingdom), Gioia Mosler, Jonathan Grigg

10:45 - 12:45

Poster Discussion: Pulmonary infection and inflammation

Chairs : Jayesh M. Bhatt (Nottingham, United Kingdom), Andrew Wilson (Perth, WA, Australia)

Clinical characteristics differ in infants with bronchiolitis from RSV-A NA1, A ON1 and B strains

Raffaella Nenna (Roma, Italy), Antonella Frassanito, Alessandra Pierangeli, Carolina Scagnolari, Laura Petrarca, Carmelinda Di Matteo, Serena Arima, Fabio Midulla

Adaptive immune response in RSV and RV bronchiolitis infants

Raffaella Nenna (Roma, Italy), Antonella Frassanito, Ilaria Schiavoni, Laura Petrarca, Teresa Arcuri, Alessandra Pierangeli, Carolina Scagnolari, Fedele Giorgio, Fabio Midulla

BRONCHIOLITIS ASSOCIATED WITH VIRAL COINFECTIONS AND ASTHMA DEVELOPMENT

MARIA LUZ GARCIA-GARCIA (MADRID, Spain), SERGIO QUEVEDO, CRISTINA CALVO, MERCEDES NAVARRO, LAURA REMEDIOS, NADIA ALVAREZ, MARIA MUÑOZ, ARACELI MARQUES, GERMAN VALERO, PATRICIA ALONSO, SARA BELLON, FRANCISCO POZO, INMACULADA CASAS, ANA TELLEZ

Severity of respiratory syncytial virus bronchiolitis is increased in children with passive smoking exposure.

Clemens Maedel (WIEN, Austria), Katharina Kainz, Angela Zacharasiewicz, Thomas Frischer

Reduced chemokine responses in human neonatal cells upon infection with RSV.

Martin Wetzke (HANNOVER, Germany), Sybille Haid, Lena Meyer-Decking, Thomas Pietschmann, Gesine Hansen, Christine Happle

Accuracy of the primary care chest X-rays interpretation in children, hospitalized for acute respiratory infection.

Snezhina Lazova (Sofia, Bulgaria), Iren Tsocheva, Snezhana Parina, Evgenia Elencheva, Penka Perenovska

Development of a short-term whole blood intracellular staining assay to characterize the immune profile of pediatric patients

ilaria schiavoni (Rome, Italy), antonella frassanito, raffaella nenna, pasqualina leone, fabio midulla, giorgio fedele

Clinical and microbiological status in asthmatic preschool children during a severe exacerbation: the VIRASTHMA 2 study

Stéphanie Lejeune (Lille, France), Philippe Gosset, Ilka Engelman, Anny Dewilde, Rodrigue Dessein, Guillaume Pouessel, Heloise Ducoin, Sarah Mitha, Céline Delvart, Sophie Boileau, Armelle Le Mee, Cecile Bonnel, Caroline Thumerelle, Clemence Mordacq, Muriel Pichavant, Antoine Deschildre

Thrombocytopenia as a predictor of mortality in pediatric community acquired pneumonia.

Anubha Jain (Varanasi (Uttar Pradesh), India), shally awasthi

Risk factors for refractory Mycoplasma pneumoniae pneumonia in children

Dae Jin Song (Seoul, Republic of Korea), Jung Hyun Kwon, Won Hee Seo, Young Yoo, Ji Tae Choung

Pulmonary manifestations in patients with ataxia - telangiectasia [A-T].

Hanna Dmeńska (Warszawa, Poland), Barbara Pietrucha, Edyta Heropolitańska - Pliszka

Pediathric echinococcosis at high altitude: biggest pediatric case series study in the Peruvian Andes

Jorge Gustavo Hernandez Cordova (Lima, Peru), Ovidio Flores Quispe, Virgilio Failoc Rojas, Oscar Gayoso Cervantes

Interstitial lung disease in children with mutation in the SFTPC and SFPTB gene: A two case report

Ly Diem (Ho Chi Minh, US Virgin Islands)

The impact of national recommendations on antibiotic treatment of community acquired pneumonia. Do pediatricians follow the national guidelines?

Grażyna Kraj (Grójec, Poland), Katarzyna Krenke, Joanna Peradzyska, Julita Chodzyńska, Krystian Wołoszyn, Teresa Jackowska, Maria Krajewska, Anna Mochocka, Agnieszka Czubik-Przybyła, Aneta Kot, Marek Kulus

Epidemiologic and etiologic factors of progression from croup to laryngotracheobronchopneumonitis
Yong-Han Sun (Incheon, Republic of Korea)

Attitudes And Knowledge Regarding Tuberculosis In High School Students, A Cross Sectional Survey In Northwest Peru
Jorge Gustavo Hernandez Cordova (Lima, Peru), Virgilio Efrain Failoc Rojas

Giant pulmonary hydatid cyst in children
Alaa Aqqad (tunis, Tunisia), Besma Hamdi, Anissa Berraies, Khoulood Abdmouleh, Baraa Bdira, Jamel Ammar, Agnès Hamzaoui

10:45 - 12:45

Poster Discussion: Nursing practice across respiratory care pathways

Chairs : Anne-Marie Russell (London, United Kingdom), Katleen Leceuvre (KESSEL-LO, Belgium)

Increasing awareness among professional caregivers concerning palliative care needs of patients with COPD
Camilla Askov Mousing (Randers SØ, Denmark), Kirsten Lomborg, Helle Timm, Marit Kirkevold

Advance Care Planning (ACP) for end stage respiratory patients identified using the Hospital One year Mortality Rating (HOMR) tool
Trudy Hopkins (Sydney, Australia), Sarah-Jane Messum, Louise Deady, Andrew Dimitri, Linda Soars, Blanca Gallego-Luxan, David McKenzie, Meg Sands

Advance care planning education in Pulmonary Rehabilitation – results from an Irish nationwide survey of Pulmonary Rehabilitation Programmes
Bettina Korn (Dublin, Ireland), Maria Baily-Scanlan, Leo Ribeiro, Julie Broderick

Planning for the future - addressing the information gaps for people living with COPD
Bettina Korn (Dublin, Ireland), Damien Peelo, Deidre Shanagher

A qualitative study of factors affecting nurses' referral of patients with COPD to a telemedicine intervention
Hanne Svenningsen (Rudkøbing, Denmark)

Patients and families realizing their future with chronic obstructive pulmonary disease - a qualitative study
Gudrun Hlin Bragadottir (Kópavogur, Iceland), Bryndis S. Halldorsdottir, Þ. Soley Ingadottir, Helga Jonsdottir

Outcomes of NIV in acute exacerbation of COPD in a stand alone nurse led Unit
Gail Miles (CHESTERFIELD, DERBYSHIRE, United Kingdom), Alison Phillips, Tracy Ward

Quality of life of patients after lung transplantation
Tanja Žovko (Zagreb, Croatia), Sandra Karabatic, Andreja Sajnic, Senka Repovecki, Latinka Basara, Gordana Pavlisa, Marko Jakopovic, Miroslav Samarzija

PERCEPTION OF CAREGIVERS ON THE CARE OF PATIENTS WITH COPD IN USE OF LTOT
Ilda De Godoy (BOTUCATU/SP, Brazil), Giovanna Hass Bueno, IRMA Godoy

The experience of patients with cystic fibrosis during pulmonary exacerbations: a mixed-method study
Gabriela Schmid-Mohler (Zürich, Switzerland), Ann-Louise Caress, Rebecca Spirig, Christian Benden, Janelle Yorke

Severe asthma, the impact on intimacy and relationships: patients' perceptions of the role of health care professionals
Leanne Jo Holmes (Manchester, United Kingdom), Dorothy Ryan, Janelle Yorke

Developing a specialist nurse telephone support line for patients with Interstitial Lung Disease.
Muhunthan Thillai (Cambridge, United Kingdom), Luis Matos, Emma Harris, Nicola Simler, Christine Fiddler, Helen Parfrey

PhotoVoice – a reflection through the lens by people with respiratory illnesses
Bettina Korn (Dublin, Ireland), Maria Kane, Estibaliz Errazquin, Niki Byrne, GERALYN HYNES

Nursing performance during bronchodilator testing: A multicenter descriptive study in Madrid, Spain.
Silvia Arranz Alonso (Madrid, Spain), Maria Enriquez Jimenez, Luisa Pareja Hernandez, Lidia Perera Lopez, Almudena Batanero Rodríguez, Yolanda Ramos Quispe, Paz Vaquero Lozano, Susana Alvarez Lopez, Carmen Mata Hernandez, Ana Frías Moreno, Ana Campillo Palomo, Marta Padilla Bernáldez, Victor Manuel Martinez Viola, Cristina Villar Laguna, Alicia Gomez Ramón

Nurses' caring mind and self-management supports for patients with chronic pulmonary diseases
Mayumi Ueda (Kaga, Japan), Tomoko Hasegawa, Yoshiko Uehara, Kanae Kitano, Rika Tonami, Yoshimi Demura

A Comparison of 2% lidocaine viscous versus 2% lidocaine solution for improving discomfort and satisfaction in patients undergoing flexible bronchoscopy
lavan sorasitrungsakun (Bangkok, Thailand), Napplika Kongpolprom, Daorung Ailachamroon, Khwanruean Wongmanee

Significance of breathing exercises in bronchoscopy
Aleksandra Trupkovic (Duga Resa, Croatia), Andreja Sajnic, Vida John

10:45 - 12:45

Oral Presentation: Towards personalised medicine in COPD: biological and clinical phenotypes

Chairs : Renaud Louis (Liège, Belgium), Marina Saetta (Padova, PD, Italy)

Serum Levels of Club-Cell Protein 16 (CC-16), Surfactant Protein D (SPD), soluble Receptor of Glycation End-products (sRAGE), Fibrinogen and C-Reactive Protein (CRP) and FEV1 Decline, Exacerbations and Mortality in SUMMIT
Bartolome R. Celli (Boston, United States of America), Julie Anderson, Robert Brook, Courtney Crim, Peter Calverley, Ian Dixon, Victor Kim, Fernando Martinez, Andrea Morris, David Newby, Julie Yates, Jørgen Vestbo

10:45 Basal membrane biomarkers in stable and exacerbated COPD
Desiree Schumann (Basel, Switzerland), Diana Leeming, Eleni Papakonstantinou, Francesco Blasi, Konstantinos Kostikas, Wim Boersma, Renaud Louis, Branislava Milenkovic, Joachim Aerts, Jannie M.B. Sand, Emiel F.M. Wouters, Gernot Rohde, Christina Prat, Antoni Torres, Tobias Welte, Michael Tamm, Morten Karsdal, Daiana Stolz

11:00 Blood biomarker algorithms to guide COPD assessment and risk stratification
Brett Masters (Billerica, United States of America), Surya Bhatt, Gerard Criner, Fernando Martinez, Thomas Siler, Julio Herrera, Martin Latterich, Michael Miller, Karen Copeland, Lyndal Hesterberg

11:15 IFNL3 polymorphisms are associated with COPD severity and outcomes
Daiana Stolz (Basel, Switzerland), Desiree M. Schumann, Adrian Egli, Jyotshna Mandal, Michael Roth, Brad Thomas, Lorne Tyrrell, Francesco Blasi, Konstantinos Kostikas, Wim Boersma, Branislava Milenkovic, Alicia Lacoma, Gernot G.U. Rohde, Renaud Louis, Joachim Aerts, Tobias Welte, Antoni Torres, Michael Tamm, Daiana Stolz

11:30 Increased expression of Lysosomal-associated membrane protein 1 (LAMP-1) found in small airway epithelium of COPD may have functional consequence and role in autophagy.
Mathew Eapen (Hobart, TAS, Australia), Elizabeth Tan, Haydn Walters, Sukhwinder Singh Sohal, Chris Ward

11:45 Lung core-predominant emphysema is associated with higher symptom burden in COPD: analysis of the COPD Gene cohort
Carlos Martinez (Ann Arbor, United States of America), Charles Hatt, Wassim Labaki, Jeffrey Curtis, Victor Kim, Surya Bhatt, Alejandro Diaz, David Lynch, Eric Hoffman, Craig Galban, Brian Ross, Ella Kazerooni, Fernando Martinez, MeiLan Han

12:00 Sensitisation to Aspergillus fumigatus as a risk factor for bronchiectasis in COPD
Stephanie Everaerts (LEUVEN, Belgium), Katrien Lagrou, Adriana Dubbeldam, Natalie Lorent, Kristina Vermeersch, Xavier Bossuyt, Erna Van Hoeyveld, Lieven Dupont, Bart Vanaudenaerde, Wim Janssens

12:15 Influence of bronchiectasis in patients hospitalized due to acute exacerbation of COPD.
Laura Rarmirez Garcia (MADRID, Spain), Javier de Miguel Díez, Jose Terán Tinedo, Rodrigo Jimenez García, Valentin Hernández Barrera, Alicia Cerezo Lajas, Gema Sanchez Muñoz, Luis Puente Maestu, Ana López de Andrés

10:45 - 12:45

Oral Presentation: ILDs: novel pathogenetic pathways

Chairs : Francesco Bonella (DUSSELDORF, Germany), Bruno Crestani (Paris, France)

LSC - 2017 - Hippo-YAP/TAZ signaling is deranged in IPF
Darcy Wagner (Lund, Sweden), Hani Alsafadi, Kathrin Mutze, Rita Costa, Marlene Stein, Herbert Schiller, Naftali Kaminski, Melanie Koenigshoff

10:45 Retrospective analysis of microbiome in idiopathic pulmonary fibrosis.
Youhei Takahashi (Sapporo, Japan), Astushi Saito, Kimiyuki Ikeda, Koji Kuronuma, Tomofumi Kobayashi, Yuichiro Asai, Hiroataka Nishikiori, Gen Yamada, Hirofumi Chiba, Yasushi Sasaki, Hiroki Takahashi, Mitsuo Otsuka, Mamoru Takahashi

- 11:15** **A genetic landscape of familial predisposition to sarcoidosis identified by whole exome sequencing**
Alain Calender (LYON, France), Yves Pacheco, Pierre Rollat Farnier, Claire Bardel, Pascal Seve, Gilles Devouassoux, Vincent Cottin, Azzaq Bentaher, JFrançois Bernaudin, Diane Bouvry, Dominique Israel Biet, Hilario Nunes, Dominique Valeyre, Nadia Nathan
- 11:30** **The pathomechanistic role of autophagy in lung fibrosis**
Poornima Mahavadi (GIESSEN, Germany), VidyKesireddy Vidyasagar, Ahuja Saket, Chillappagari Shashi, Knudsen Lars, Henneke Ingrid, Ruppert Clemens, Korfei Martina, Matthias Ochs, Seeger Werner, Guenther Andreas
- 11:45** **Nuclear miRNA/exosome-mediated transcriptional silencing within the context of TGFB1 signaling and Idiopathic Pulmonary Fibrosis.**
Guillermo Barreto (Bad Nauheim, Germany), Karla Rubio, Indrabahadur Singh, Julio Cordero, Stephanie Dobersch, Stephan Günther, Pouya Sarvari, Soni Pullamsetti, Andreas Günther, Marcus Krüger, Klaus T Preissner, Werner Seeger, Gergana Dobreva, Thomas Braun
- 12:00** **The expression of miR185, miR29a and their targets in IPF and lung cancer (LC). A BALF study.**
Eleni Bibaki (Heraklion, Crete, Greece), Theodora Georgopoulou, Chara Koutoulaki, Eliza Tsitoura, Eirini Vasarmidi, Nikolaos Tzanakis, Katerina Antoniou

10:45 - 12:45

Oral Presentation: Update on community acquired pneumonia

Chairs : Antoni Torres (Barcelona, Spain), Tobias Welte (Hannover, Germany)

- 10:45** **Prolonged effect of air pollution on pneumonia: a nationwide cohort study**
Wonjun Ji (Seoul, Republic of Korea), Yu Rang Park, Hae Reong Kim, Hwan-Cheol Kim, Chang-Min Choi
- 11:00** **Time to Blood Culture Positivity as a Predictor of Clinical Outcomes and Severity in Adults with Bacteremic Pneumococcal Pneumonia**
Catia Cilloniz Campos (BARCELONA, Spain), Adrian Ceccato, Cristina de la Calle, Albert Gabarrus, Carolina Garcia-Vidal, Manel Almela, Alex Soriano, Francesc Marco, Antoni Torres
- 11:15** **Admission lactate predicts poor prognosis independently of the CRB/CURB-65 scores in community-acquired pneumonia.**
Martin Kolditz (Dresden, Germany), Frederik Frenzen, Ulrike Kutschan, Nils Meiswinkel, Bernhard Schulte-Hubbert, Santiago Ewig
- 11:30** **Oxy-Met score: a new physiological index to predict mortality in community-acquired pneumonia**
Francisco Sanz Herrero (Quart de Poblet (Valencia), Spain), Estrella Fernández Fabrellas, Eusebi Chiner, María Luisa Briones, María del Carmen Aguar, Ángela Cervera, Ruben Lera, José Blanquer
- 11:45** **Risk factors associated with “PES pathogens” in community-onset pneumonia: 16S rRNA gene analysis of BALF.**
Toshinori Kawanami (Kitakyushu City, Japan), Shingo Noguchi, Kentarou Akata, Keisuke Naito, Tsutomu Takaki, Keishi Oda, Minako Hanaka, Takashi Kido, Hiroshi Mukae, Kazuhiro Yatera
- 12:00** **Azithromycin is associated with improved survival in patients with healthcare-associated pneumonia**
Eric Mortensen (Simsbury, United States of America), Antonio Anzueto
- 12:15** **Antimicrobial Treatment of CAP. Is there a higher benefit of macrolides combination in patients with pneumococcal CAP?**
Adrian Ceccato (Ituzaingo, Buenos Aires, Argentina), Catia Cilloniz, Otavio Ranzani, Albert Gabarrus, Antoni Torres, Adamantia Liapikou, Miquel Ferrer

10:45 - 12:45

Oral Presentation: Innovation in COPD: techniques and facts

Chairs : Arshang Valipour (Vienna, Austria)

- 10:45** **Multi-omics analysis of the healthy smoker airway reveals smoking related impacts on the lung microenvironment**
Brian Keller (Columbus, United States of America), Ann Gregory, Chandni Desai, Benjamin Wu, Jose Clemente, Matthew Sullivan, Leopoldo Segal, Guoyan Zhao
- 11:00** **Blood eosinophils in COPD: long term variability and clinical outcomes**
Graziella Turato (Padova, PD, Italy), Umberto Semenzato, Maria Martinez, Davide Biondini, Mariaenrica Tinè, Jose M Marin, Marina Saetta, Manuel G Cosio

- 11:15** **Clustering approach and effects of inhaled therapy on breath-fingerprint of newly diagnosed COPD patients: an e-nose based study**
Panaiotis Finamore (Rome, Italy), Simone Scarlata, Simona Santangelo, Gilda Giannunzio, Simone Grasso, Claudio Pedone, Giorgio Pennazza, Marco Santonico, Raffaele Antonelli Incalzi
- 11:45** **Mucosal cryobiopsies: A novel method for studying obstructive airways disease?**
Morten Hvidtfeldt (København V, Denmark), Alexis Pulga, Morten Hostrup Nielsen, Caroline Sanden, Klaus Richter Larsen, Ole Bækgaard Nielsen, Jonas Erjefält, Celeste Porsbjerg
- 12:00** **Early life origins of adult chronic diseases**
Guillaume Noell (BARCELONA, Spain), Josep Brugada, Rosa Faner, Alvar Agustí
- 12:15** **Lung clearance index (LCI) in pulmonary disease and healthy controls – can fewer measurements eventually be more?**
Frederik Trinkmann (Mannheim, Germany), Johannes Goetzmann, Daniel Saur, Michele Schroeter, Ibrahim Akin, Martin Borggreffe, Joachim Saur, Julia D. Michels

10:45 - 12:45

Oral Presentation: Silicosis has not gone away

Tag(s) : Smoking prevention and cessation (HLfL)

Chairs : Paul Cullinan (London, United Kingdom), Elizabeth Fireman (Tel-Aviv, Israel)

- 10:45** **Rapid clinical progression of silicosis in quartz conglomerate workers in Southern Spain**
Antonio Leon Jimenez (Cádiz, Spain), Antonio Hidalgo Molina, Jose Morales Morales, Miguel Angel Conde Sanchez, Inmaculada Sanchez Romero, Aranzazu Perez Alonso, Juan Antonio Cordoba Doña
- 11:00** **Artificial stone associated silicosis with rapid lung function decline**
Ryan Hoy (Melbourne, VIC, Australia)
- 11:15** **Silicosis In Denim Sandblasters: Aftershocks Of An Epidemic**
Turkan Nadir Ozis (ANKARA, Turkey), Nur Safak Alici, Ibrahim Onur Alici, Dilek Ergun, Emine Avci, Nevin Taci Hoca, Omer Hinc Yilmaz
- 11:30** **Pulmonary tuberculosis: 40-year trends in South African gold miners, an autopsy study**
Jill Murray (JOHANNESBURG, South Africa), Ntombizodwa Ndlovu
- 11:45** **Silicomicobacteriosis (SM), diagnosis and prognosis, follow up 2,5 years**
Galina P. Orlova (ST PETERSBURG, Russian Federation), Vera A. Kartavova
- 12:00** **Serum KL-6, SP-D and MMP-2 as diagnostic biomarkers in asbestosis and silicosis**
Changjiang Xue (BEIJING, China), Na Wu, Xue Li, Meihua Qiu, Xuqin Du, Qiao Ye
- 12:15** **Lung transplantation survival in silicosis**
Vania Catarina Pereira Caldeira (Azueira, Portugal), Vânia Catarina Pereira Caldeira, Tiago Sá, Nídia Caires, Sara Silva, João Reis, Ricardo Coelho, Ana Santos, Nicole Murinello, Ivan Bravio, Fernando Martelo, Luísa Semedo, João Cardoso, José Fragata

10:45 - 12:45

Oral Presentation: Determinants of childhood asthma and atopy

Tag(s) : Smoking prevention and cessation (HLfL)

Chairs : Bülent Taner Karadag (Istanbul, Turkey), Stephen Turner (Aberdeen, United Kingdom)

- 10:45** **Maternal iron status during pregnancy and respiratory and atopic outcomes in the offspring: a Mendelian randomization approach**
Annabelle Bédard (LONDON, United Kingdom), Sarah Lewis, Seif Shaheen, A John Henderson
- 11:00** **RSV increases the risk of first paediatric asthma hospitalisation: whole-of-population cohort study**
Nusrat Homaira (Sydney, Australia), Mark Hanly, Nancy Briggs, Christopher Parry, Ju-Lee Oei, Lisa Hilder, Barbara Bajuk, Kei Lui, William Rawlinson, Tom Snelling, Adam Jaffe

- 11:15** **Early-life respiratory tract infections and the risk of lower lung function and asthma: a meta-analysis of 154,492 children.**
Evelien R. van Meel (Rotterdam, Netherlands), Herman Den Dekker, Tarunveer Singh Ahluwalia, Isabella Annesi-Maesano, Syed Hasan Arshad, Nour Baiz, Henrique Barros, Andrea Von Berg, Philippa Bird, Klaus Bonnelykke, Maribel Casas, Leda Chatzi, Sylvaine Cordier, Gerdien Dalmeijer, Carol Dezateux, Karel Duchon, Merete Eggesbø, Kors Van Den Ent, Maria Pia Fantini, Claudia Flexeder, Urs Frey, Francesco Forastiere, Ulrike Gehring, Davide Gori, Raquel Granell, Lucy Griffiths, Wojciech Hanke, A John Henderson, Hazel Inskip, Anne M. Karvonen, Thomas Keil, Cecily Kelleher, Manolis Kogevinas, Gudrun Koppen, Claudia Kuehni, Nathalie Lambrechts, Susanne Lau, Irina Lehmann, Johnny Ludvigsson, Maria Christine Magnus, Erik Mélen, John Mehegan, Monique Mommers, Anne-Marie Nybo Andersen, Wenche Nystad, Juha Pekkanen, Fabienne Pelé, Ville Peltola, Katy Pike, Costanza Pizzi, Kinga Polanska, Maja Popovic, Daniela Porta, Alban Ramette, Graham Roberts, Ana Cristina Santos, Erica Schultz, Jet Smit, Marie Standl, Jordi Sunyer, Carel Thijs, Laura Toivonen, Eleonora P. Uphoff, Jakob Usemann, Johan de Jongste, Vincent Jaddoe, Liesbeth Duijts, Hans Bisgaard
- 11:30** **Birth cohort studies on farm-like indoor microbiota and asthma: the importance of composition and taxonomic resolution**
Juha Pekkanen (Helsingin yliopisto, Finland), Anne Karvonen, Martin Täubel, Anne Hyvärinen, Rachel Adams, Erika von Mutius, Pirkka Kirjavainen
- 11:45** **Lean body mass is positively associated with lung function at age 15**
Maria Gabriela Prado Peralta (Barcelona, Spain), Elaine Fuertes, Judith Garcia-Aymerich, John Henderson, Debbie Jarvis
- 12:00** **Atmospheric ammonia, ammonium and incident asthma - A nationwide case-control study in Danish preschool children**
Gitte Juel Holst (Århus C, Denmark), Malene Thygesen, Carsten B. Pedersen, Robert G. Peel, Jørgen Brandt, Jesper H. Christensen, Jakob Bønløkke, Ole Hertel, Torben Sigsgaard
- 12:15** **Is there a genetic association between atopic disease and internalizing disorders in children?**
Bronwyn Brew (Stockholm, Sweden), Tong Gong, Cecilia Lundholm, Henrik Larsson, Catarina Almqvist

10:45 - 12:45

Oral Presentation: The importance of physical activity in patients with COPD

Chairs : Thierry Troosters (LEUVEN, Belgium), Samantha Harrison (Middlesbrough, United Kingdom)

- 10:45** **The survival effect of physical activity in patients with COPD: every step counts.**
Heleen Demeyer (BARCELONA, Spain), Benjamin Waschki, Michael Polkey, Karina Furlanetto, David Donaire-Gonzalez, Josep Maria Anto, Fabio Pitta, Nicholas Hopkinson, Thierry Troosters, Henrik Watz, Judith Garcia-Aymerich
- 11:00** **Effectiveness of an intervention of Urban Training in patients with COPD: a randomized controlled trial**
Judith Garcia Aymerich (BARCELONA, Spain), Ane Arbillaga Etxarri, Elena Gimeno-Santos, Eva Balcells, Anael Barberan-Garcia, Marta Benet, Nuria Celorrio, Anna Delgado, Carme Jané, Alicia Marín, Pilar Ortega, Diego A Rodríguez, Robert Rodriguez-Roisin, Mónica Monteagudo, Nuria Montellà, Laura Muñoz, Pere Torà, Jaume Torrent-Pallicer, Pere Simonet, Carlos Martín-Cantera, Eulàlia Borrel, Pere Vall-Casas, Jordi Vilaró
- 11:15** **Efficacy of an integrated internet community program after pulmonary rehabilitation for COPD patients: a pilot randomized control trial**
Jordi Vilaro Casamitjana (Barcelona, Spain), Begoña Jiménez Reguera, Eva Maroto López, Marta López Martín, Lourdes Juarros Monteagudo, Nuria García Gutiérrez, Marta Sánchez, José Luis Rodríguez Hermosa, Alfonso Montero Pacios
- 11:30** **Effects of an internet based tool for self-management in patients with COPD—a controlled pragmatic pilot trial**
Andre Nyberg (Umeå, Sweden), Malin Tistad, Karin Wadell
- 11:45** **Relationship between muscle mass and function and physical activity levels in patients with COPD – a longitudinal study**
Leandro Mantoani (Edinburgh, United Kingdom), Judith Garcia-Aymerich, Thierry Troosters, Ioannis Vogiatzis, Zafeiris Louvaris, Nicholas Hopkinson, Yogini Raste, Elena Gimeno-Santos, Heleen Demeyer, William MacNee, Roberto Rabinovich
- 12:00** **Sedentary behavior and physical inactivity in patients with COPD: two sides of the same coin?**
Karina Couto Furlanetto (LONDRINA/PR, Brazil), Lorena P. Schneider, Antenor Rodrigues, Jose R. Lopes, Mariana P. Bertoche, Loana M. Oliveira, Nidia A. Hernandez, Fabio Pitta

12:15 Identification of phenotypes in COPD patients: influence of physical activity in daily life, body composition and skeletal muscle strength
Rafaella Xavier (SAO PAULO/SP, Brazil), Aline Lopes, Ana Carolina Pereira, Regina Maria Carvalho Pinto, Alberto Cukier, Rafael Stelmach, Ercy Mara Ramos, Celso Carvalho

12:50 - 14:40

Thematic Poster: Clinical points to ponder in asthma

Chairs : Michael Portelli (Nottingham, United Kingdom), Mariel Slater (East Yorkshire, United Kingdom), Chair to be confirmed

A novel hybrid approach to real-world data capture in a mepolizumab study
Sally Worsley (Stevenage, Hertfordshire, United Kingdom), Carys Bettinson, Namhee Kwon, Necdet B Gunsoy, Nirali Kotowsky, Hana Müllerová, Donny Chen, Margaret Richards, Keele Wurst, Frank Albers

Longitudinal impact of depressive disorders on asthma control in adult patients
Valery Legris-Falardeau (Montréal, Canada), Simon L. Bacon, Kim L. Lavoie

Proportion and exacerbation of asthma-COPD overlap syndrome in China: an interim non-interventional study
Fu-Qiang Wen (Chengdu, Sichuan, China), Jian Kang, Wanzhen Yao, Baiqiang Cai, Ping Chen, Jinping Zheng, Xia Ling, Hongyan Shang

The effect of tiotropium bromide on lung function parameters in patients with asthma-COPD overlap syndrome
Ksenia Nazarenko (Kyiv, Ukraine), Yuriy Feschenko, Liudmyla Iashyna, Marina Polianskaja, Svitlana Moskalenko

The prevalence of severe asthma in specialist care –identifying eligible candidates for biological therapies
Anna von Bülow (Kgs. Lyngby, Denmark), Vibeke Backer, Uffe Bodtger, Niels Ulrik Søres-Petersen, Susanne Vest, Ida Steffensen, Celeste Porsbjerg

Associations of blood cytokines and eosinophils in severe asthma
Hana Müllerová (Uxbridge, Middlesex, United Kingdom), Hana Müllerová, Stewart Bates, Necdet Gunsoy, Peter Howarth, Frank Albers

Adjustable maintenance dosing with budesonide/formoterol reduces asthma exacerbations compared with fixed dosing – 3-month study
Olha S. Tolokh (Lviv, Ukraine)

Efficiency of potash mine (Sylvine) microclimate in bronchial asthma
Pavel Levchenko (Soligorsk, Belarus), Nataly Dubovik, Halina Baradzina, Dzmitry Zhurkin

Economic costs of severe asthma in omalizumab-treated patients. FENOMA Study
Ana Gomez-Bastero (Sevilla, Spain), José Gregorio Soto-Campos, Paloma Campo, Ana Moreira, Ignacio DáVila

Chronic cough: health status assessment with EQ-5D-5L questionnaire
Peter Siu Pan Cho (London, United Kingdom), Hannah Fletcher, Deokhee Yi, Richard Douglas Turner, Surinder Singh Birring, Irene Higginson

A systematic review of the efficacy of proton pump inhibitors on refractory adult asthma.
Peijun Li (CHENGDU, China), Zongan Liang

A study to define the microbiome of the asthmatic airway.
Eoin Hunt (Cork, Ireland), Chris Ward, Susan Laphorne, Joe Eustace, Paul O'Byrne, Barry Plant, John MacSharry, Desmond Murphy, Ashley Sullivan

Elderly women and asthma: Findings from Korea national health investigations and asthma cohort
So-Young Park (Seoul, Democratic People's Republic of Korea), Jung-Hyun Kim, Hyouk-Soo Kwon, Tae-Bum Kim, Hee-Bom Moon, You Sook Cho, Hyo-Jung Kim

Comparison of clinical features of refractory asthma and Churg-Strauss syndrome
Jing Wang (Zhengzhou, China), Wei Sun, Yingmin Ma

Asthma in pregnant women
Dilyara Mazinova (Tashkent, Uzbekistan), Rustem Hayaliev

The relationships between sarcopenia and decreased bone mineral density in each obstructive airway disease phenotype of Korea.
Dong won Lee (Andong, Republic of Korea), Jun hong Ahn, Hyun jung Jin, Kyung chul Shin, Jin hong Chung, Kwan ho Lee

Excessive gestational weight gain in first trimester is a risk factor for exacerbation of asthma during pregnancy: A prospective study of 1,283 pregnancies

Zarqa Ali (Herlev, Denmark), Charlotte Suppli Ulrik, Lisbeth Nilas

Evaluation of postoperative pulmonary complications in FEV1/FVC

Yu Mikami (Tokyo, Japan), Hiroataka Matsuzaki, Taro Ishimori, Minako Saito, Yukiyo Sakamoto, Yutaka Yatomi, Daiya Takai, Takahide Nagase, Taisuke Jo, Yasuhiro Yamauchi

Asthma Control, Quality of Life and Emotional Feelings in a Real Life Setting - A Cross-sectional Study of Adult Asthma Patients in Japan: ACQUIRE-2

Soichiro Hozawa (Hiroshima, Japan), Mitsuru Adachi, Masanori Nishikawa, Atsushi Yoshida, Tatsunori Jinnai, Gen Tamura

Once-daily tiotropium Respimat add-on therapy improves lung function and asthma control in moderate symptomatic asthma, independent of baseline characteristics

Thomas B. Casale (Tampa, United States of America), Eric Bateman, René Aalbers, Eugene Bleeker, Eli Meltzer, Birgit Voelker, Ralf Sigmund, Alberto de la Hoz, Huib Kerstjens

12:50 - 14:40

Thematic Poster: Bronchial asthma disease management**Chairs :** Arnaud Bourdin (Montpellier Cédex 5, France), Hitasha Rupani (Southampton, United Kingdom), Mohankumar Thekkinkattil (COIMBATORE (TAMIL NADU), India), Chair to be confirmed**Safety of airway clearance techniques, sputum induction and bronchoscopy in severe asthma**

Reyenna Sheehan (Manchester, United Kingdom), Gael Tavernier, Sarah Diver, Robert Niven, Dorothy Ryan

Efficacy of once-daily tiotropium Respimat in adults with asthma based on GINA Steps 2-5

Eugene R. Bleeker (Winston-Salem, United States of America), Roland Buhl, Mark FitzGerald, Eli Meltzer, Alberto de la Hoz, Ralf Sigmund, Huib Kerstjens

The correlation between IL-16-295 T/C polymorphism and susceptibility to asthma

Jing Han (Guiyang, China), Xiangyan Zhang, Hong Fan

Prevalence and characteristics of metabolic syndrome in patients with bronchial asthma

Jamol Uzokov (Tashkent, Uzbekistan), Anis Alyavi, Baxrom Alyavi

The emotional impact of severe asthma upon intimacy and relationships

Leanne Jo Holmes (Manchester, United Kingdom), Janelle Yorke, Dorothy Ryan

Presence of Aspergillus in the asthmatic airway and its relationship to disease severity

Ashley Sullivan (Cork, Ireland), Eoin B Hunt, Susan Laphorne, Chris Ward, Joseph Eustace, Paul M O'Byrne, Barry J Plant, John MacSharry, Desmond M Murphy

Impact of mepolizumab on work productivity and activity impairment in severe eosinophilic asthma

Necdet B Gunsoy (London, United Kingdom), Sarah M Cockle, Frank C Albers, Scott Doyle, Rafael Alfonso Cristancho

Sputum galactomannan in COPD patients with and without bronchiectasis

Stephanie Everaerts (LEUVEN, Belgium), Katrien Lagrou, Lieven Dupont, Bart Vanaudenaerde, Wim Janssens

OSACO: an observational study in asthma-COPD overlap syndrome (ACOS)

Nicola Scichilone (Palermo, PA, Italy), Angelo Corsico, Chiara Allegrini, Marco Basile, Alida Benfante, Gianna Camiciottoli, Federica Albicini, Amelia Grosso, Massimo Pistolesi

A new budesonide/formoterol inhalation therapy in patients with asthma, COPD and ACOS

Lilla Tamási (Budapest, Hungary), Gabriella Gálffy

Effect of optimized anti-inflammatory treatment in patients with asthma and eosinophilic otitis media

Etsuko Tagaya (Tokyo, Japan), Hiroko Hara, Osamitsu Yagi, Tomohide Hanawa, Yoshihide Atsumi, Mitsuko Kondo, Jun Tamaoki

The ARIETTA study: baseline demographics in a real-world setting in patients with severe asthma

Roland Buhl (Mainz, Germany), Stephanie Korn, Andrew Menzies-Gow, Michel Aubier, Ken Chapman, Giorgio Canonica, Cesar Picado, Margarita Donica, Klaus Kuhlbusch, Stephan Korom, Nicola Hanania

Investigation of co-morbid factors in patients with vocal cord dysfunction (VCD)

Claire Slinger (Clitheroe, United Kingdom), Aash Vyas, Richard Slinger

Asthma-COPD overlap (ACOS): what are the consequences of 40-year age limit?

Minna Tommola (Seinäjäki, Finland), Pinja Ilmarinen, Leena Tuomisto, Hannu Kankaanranta

The impact of asthma on quality of life, anxiety and depression scores

Ângelo Cunha (IPATINGA/MG, Brazil), Ângelo Cunha, Maria do Patrocínio Nunes, Maria Aparecida Ribeiro Paula, Felipe Dias Wanderley Carvalho, Thiago Gonçalves Brasil, Augusto Zbonik Mendes

Asthma and chronic rhinosinuitis: comparative evaluation of IgE plasma level, CD23+ and blood eosinophils

Nathalia Chichkova (MOSCOW, Russian Federation), Vladimir Fisenko, Evgenii Gitel

Baseline Control and Management of First Year University Students' Asthma

Hassan Burhan (Liverpool, United Kingdom), Jeehan Saleh, Lowri Evans, Helen Rigg, Nadja Van Ginnekin, Ian Sinha, Gareth Jones, Diane Exley, Theresa Nuttal

Asthma exacerbations in the emergency department (ED): re-audit of PEFr recording, severity grading and primary care follow-up after the introduction of a staff education program

Harriet Protheroe (Birmingham, United Kingdom), Grace Cooper, Duncan Wilson, Ben Sutton

Pulmonary artery remodeling in an equine model of severe asthma.

Serena Ceriotti (Dairago, Italy), Michela Bullone, Francesco Ferrucci, Jean-Pierre Lavoie

Asthma Control and the Influence of Valved Holding Chamber (VHC) Type: Results from a Real World, Retrospective Study

Jason Suggett (London, ON, Canada), Vlad Kushnarev, Chakkarin Burudpakdee

12:50 - 14:40

Thematic Poster: COPD management

Chairs : Franziska Trudzinski (Homburg/Saar, Germany), Matthias Held (Wuerzburg, Germany), Frits M.E. Franssen (Horn, Netherlands)

Development of a COPD model of care in a rural District General Hospital in Highland Scotland

Lorna Murray (London, United Kingdom), Kay Cordiner, Michelle Duffy, Darrell Sutherland, Shellie Hamilton, Judith Colligan, Heidi May, Georgia O'Haire, Gavin Hookway

Adherence to inhaled therapies in COPD patients from 7 Latin America countries: the LASSYC study

Maria Montes De Oca (Caracas, Venezuela), Ana Menezes, Luis Ugalde, Victorina Lopez, Filip Surmont, Alejandra Ramirez_Venegas, Alejandro Casas, Laura Mendoza, Ana López, Marc Miravittles

Simulated-use study of inhaler usability in patients with COPD

Bo Ding (Mölnådal, Sweden), Shahid Siddiqui, Michael DePietro, Gunilla Petersson, Ubaldo Martin

Misuse of inhalers devices in clinical practice

António Manuel Silva Duarte De Araújo (Braga, Portugal), António Manuel Silva Duarte De Araújo, Pedro Teixeira, Maria Figueiredo, Venceslau Hespanhol, Jaime Correia-de-Sousa

Understanding patient' adherence to inhaled medication: the social representations of COPD

António Manuel Silva Duarte De Araújo (Braga, Portugal), António Manuel Silva Duarte De Araújo, Pedro Teixeira, Maria Figueiredo, Venceslau Hespanhol, Jaime Correia-de-Sousa

Chronic Obstructive Pulmonary Disease – Are We Vaccinating the Patients?

Joana Tavares (Coimbra, Portugal), Ana Raquel Cruz, Rui Nogueira

Clinical audit of COPD in outpatient respiratory clinics in Spain. Effect of specialized COPD clinics and general respiratory clinics: the EPOCONSUL study

Gianna Vargas Centanaro (MADRID, Spain), Juan Rigual Bobillo, Joan B. Soriano, José Luis López-Campos, Juan J. Soler-Cataluña, Bernandino Alcázar Navarrete, José Miguel Rodríguez González-Moro, Jose Luis Rodríguez Hermosa, Myriam Calle Rubio

Effect of erdosteine on the rate and duration of COPD exacerbations: the RESTORE study (Reducing Exacerbations and Symptoms by Treatment with ORal Erdosteine).

Roberto Walter Dal Negro (VERONA, VR, Italy), Jadwiga A. Wedzicha, Martin Iversen Iversen, Giovanni Fontana, Clive Page, Arrigo F. Cicero, Edoardo Pozzi, Peter M.A. Calverley

Association of COPD inhaled medication adherence with hospitalization for acute exacerbation of COPD (AECOPD)

Maurizio Moretti (MODENA, Italy), Sara Balestracci, Anna Porcu, Tiziana Pianta, David Mignani, Biagio Marsiglia

Inhaled corticosteroids in stable COPD – international recommendations and reality in Bulgaria

Bilyana Stancheva (SOFIA, Bulgaria), Ventsislava Pencheva, Daniela Petrova, Ognian Georgiev, Maria Kamusheva, Guenka Petrova, Maria Dimitrova

Chinese subgroup results from a study comparing single-inhaler triple therapy with dual therapy in COPD

Xin Du, Cindy Liu, Linda Luo, Lochy Xiao, Aik Han Goh

Efficacy of aclidinium/formoterol: pooled post hoc analysis of patients naïve to COPD maintenance therapy

Dave Singh (Manchester, United Kingdom), Anthony D D'Urzo, James F Donohue, Edward Kerwin, Eduard Molins, Ferran Chuecos, Anna Ribera, Diana Jarreta

Degree of control in COPD patients at Primary Care and Pulmonology clinics: Study SINCON

Jose Miguel Rodriguez Glez-Moro (Alcalá de Henares, Spain), Adolfo Baloiira, Estefanía Sanjuan, Juan Antonio Trigueros, Ricard Casamor

Effect of olodaterol once-daily on heart rate in GOLD 2–4 COPD patients

Stefan Andreas (Immenhausen, Germany), Matthias Trampisch, Michaela Haensel, Ulrich Bothner, Roland Buhl

Treatment of COPD Exacerbation in Switzerland - results and recommendations of the European COPD Audit

Desiree Schumann (Basel, Switzerland), Michael Buess, Daniel Schilter, Tino Schneider, Marc Maurer, Heinz Borer, Robert Thurnheer, Erich Köhler, Lilian Junker, Kathleen Jahn, Michael Grob, Jochen Rüdiger, Thomas Geiser, Erich Helfenstein, Markus SolèR, René Fiechter, Thomas Sigrist, Patrick Brun, Jürg Barandun, Eva Koltai, Jose Luis Lopez-Campos, Sylvia Hartl, Michael Roberts, Michael Tamm, Daiana Stolz

LABA/LAMA combination, exercise and lung hyperinflation in COPD: a meta-analysis

Mario Cazzola (ROMA, RM, Italy), Luigino Calzetta, Josuel Ora, Francesco Cavalli, Denis E. O'Donnell, Paola Rogliani

Oxygen compared to air driven nebulisers for acute exacerbations of COPD: a randomised controlled trial.

George Bardsley (Hornsea, United Kingdom), Steve McKinstry, Janine Pilcher, James Fingleton, Mark Weatherall, Richard Beasley

Erdosteine is effective as a treatment for acute exacerbation of COPD: a systematic review of clinical trials

Maurizio Moretti (MODENA, Italy), Edoardo Pozzi

E-health technologies in pneumonia and COPD patients mortality decreasing

Vitaly Mishlanov (Perm, Russian Federation)

ACTIVATE: effect of aclidinium/formoterol on physical activity in patients with COPD

Henrik Watz (Großhansdorf, Germany), Thierry Troosters, Kai M Beeh, Judith Garcia-Aymerich, Pierluigi Paggiaro, Eduard Molins, Massimo Notari, Diana Jarreta, Esther Garcia Gil

12:50 - 14:40

Thematic Poster: extrapulmonary comorbidities in COPD**Chairs :** Miriam Barrecheguren Fernandez (BARCELONA, Spain), Nicoletta R. Morelli (Den Haag, Netherlands)**Use of heart failure medications in outpatients with COPD and congestive heart failure: a Danish nationwide cohort study**

Daniel Rasmussen (Glumsø, Denmark), Uffe Bodtger, Peter Lange, Magnus Jensen

Effects of nebivolol and ivabradine on myocardial ischemia in patients (pts) with COPD and stable angina during 24-hour ambulatory Holter ECG monitoring.

Oleksandr Fesenko (Slobozhanske, Ukraine), Tetyana Pertseva

Chronic obstructive pulmonary disease and erectile dysfunction: a missed relationship

Maria Aurora Pinto Mendes (Penafiel, Portugal), Margarida Dias, Maria João Oliveira, Pedro Oliveira, Inês Ladeira, Ricardo Lima, Miguel Guimarães

Sarcopenia in Japanese patients with COPD: prevalence, relationship with COPD severity.

Hiroyuki Nakamura (kagawa, Japan), Takuya Inoue, Kiyotaka Tanimoto, Chiaki Kunikata

The effect of obesity on dyspnea, 6 minute walk distance, walk work and workload in patients with COPD

Hülya Do an ahin (STANBUL, Turkey), Hülya Do an ahin, Iknur Naz, Yelda Varol, Berna Kömürçüo lu

Effects of Roflumilast on subclinical atherosclerosis in COPD - a randomized controlled trial

Matthias Urban (BERLIN, Germany), Nicole Kreibich, Georg-Christian Funk, Otto Chris Burghuber

Determination of the optimal questionnaire to identify mental disorders COPD in patients (pts)

Yuliia Huba (Dnipropetrovsk, Ukraine), Lyudmyla Konopkina

Comparison of severity of clinical, functional signs of COPD with the frequency and severity of mental disorders

Yuliia Huba (Dnipropetrovsk, Ukraine), Lyudmyla Konopkina, Tetyana Pertseva

The types and frequency of mental disorders in COPD patients (pts) according to severity of COPD

Yuliia Huba (Dnipropetrovsk, Ukraine), Lyudmyla Konopkina

Role of skeletal muscle dysfunction in the deterioration of life quality in patients with COPD

Vitalii Poberezhets (Vinnytsia, Ukraine), Yuriy Mostovoy, Hanna Demchuk

Disease-specific medication, patient-reported diagnoses and their relation to COPD severity for common comorbidities in COPD

Peter Alter (MARBURG, Germany), Tanja Lucke, Ronald Herrera, Margarethe Wacker, Rolf Holle, Frank Biertz, Dennis Nowak, Kathrin Kahnert, Rudolf M Huber, Sandra Söhler, Claus Vogelmeier, Joachim H Ficker, Rudolf A Jörres

Reactive hyperemia peripheral arterial tonometry as a measure of endothelial dysfunction in COPD

Desiree Schumann (Basel, Switzerland), Andreas Scherr, Werner Strobel, Michael Zellweger, Michael Tamm, Daiana Stolz

Association between percentage of fat mass and endothelial function in patients with chronic obstructive pulmonary disease

Abril Jimenez Cepeda (saltillo, Mexico), Arturo Orea-Tejeda, Dulce Gonzalez-Islas, Guillermo Perez-Cortes, Leslie Verdeja-Vendell, Ana Penaloza-Navarrete, Luis Felipe Castillo-Aguilar, Viridiana Pelaez-Hernandez, Rocio Sanchez-Santillan, Sonia Torres-Montiel, Alejandro Figueroa-Herrera, Bernardo Robles-Uribe

The presence and impact of chronic kidney disease in COPD patients, data from the German COSYCONET cohort

Franziska Trudzinski (Homburg/Saar, Germany), Mohammad Alqudrah, Frederik Seiler, Franz Biertz, Armin Koch, Claus Vogelmeier, Tobias Welte, Henrik Watz, Sebastian Fähndrich, Robert Bals, Jörres Rudolf

Endothelial function in patients with tobacco and biomass smoke-related COPD

Guillermo Karey Perez Cortes (Mexico City, Mexico), Arturo Orea-Tejeda, Dulce Gonzalez-Islas, Luis Felipe Castillo-Aguilar, Abril Jimenez-Cepeda, Leslie Verdeja-Vendrell, Ana Grecia Navarrete-Penaloza, Rocio Sanchez-Santillan, Viridiana Pelaez-Hernandez, Bernardo Robles-Uribe, Sonia Catalina Torres-Montiel, Alejandro Figueroa-Herrera, Alejandra Ramirez-Venegas

COPD and Metabolic Syndrome: correlations between smoking, insulin resistance and vitamin D levels

Maria Rosaria Vulpi (Toritto, Italy), Vito Liotino, Anna Castrovilli, Giuseppina Piazzolla, Cosimo Tortorella, Emanuela Resta, Carlo Sabbà, Onofrio Resta

The cardiovascular comorbidity and the risk of stroke by means of CHADS2- VASc scale in patients with chronic obstructive pulmonary disease.

Ekaterina Kochetova (Petrozavodsk, Republic of Karelia, Russian Federation)

Pathophysiological features of chronic obstructive pulmonary disease in obese patients

Alaa Aqqad (tunis, Tunisia), Hela kamoun, Ikbelle Khalfallah, Chirine Moussa, Dorra Greb, Ines Akrouf, Hejar Abdelghaffar, Hela Hassen, Hanen Smadhi, Leila Fekih, Mohammed Lamine Megdiche

12:50 - 14:40

Thematic Poster: Clinical challenges in chronic lung diseases**Chairs :** Maurizio Marvisi (Cremona, Italy), Sara Ramponi (Cingia de' Botti CR, Italy), Michael Kreuter (Heidelberg, Germany), Chair to be confirmed**Pulmonary disease in intermediate alpha1-antitrypsin deficient patients**

Ana Filipa Cruz e Costa (taveiro, Portugal), Raquel Saraiva, Mariana Asseiro

Physician perspectives: barriers to diagnosing and treating severe AATD

Gabriel Thabut (PARIS, France), Maria Canotilho, Joanna Chorostowska-Wynimko, Luciano Corda, Eric Derom, Ildikó Horváth, Meinhard Kneussl, N. G. McElvaney

Alfa1-antitrypsin deficiency (AATD) newborn screening in Province of Bolzano: first investigation of the screened subjects at the age over than 18 years old.

Christine Seebacher (Bolzano, Italy), Ilaria Ferrarotti, Giulio Donazzan, Angelo Guido Corsico

Physician perspectives: monitoring severe AATD and optimising treatment

Ildikó Horváth (Budakeszi, Hungary), Ildikó Horváth, Joanna Chorostowska-Wynimko, Luciano Corda, Maria Canotilho, Eric Derom, Gabriel Thabut, Meinhard Kneussl, N. G. McElvaney

Safety of bi-weekly intravenous therapy with alpha-1 antitrypsin

Timm Greulich (MARBURG, Germany), Jan Chlumsky, Marion Wencker, Oliver Vit, Michael Fries, Thomas Chung, Claus Vogelmeier, Kenneth R. Chapman, N. G. McElvaney

Phenotyping Adults with Non-Cystic Fibrosis Bronchiectasis: A 5-Year Cohort Study in a Azerbaijan medical University Center

Alizamin Sadigov (BAKU, Azerbaijan), Ibrahim Isayev, Jabrail Mammadov

A follow up Study of TB patients put on DOTS from South India

Venugopal Kunjupillai (ALAPPUZHA (KERALA), India), P.R Sreelatha, R.S NISHA

Identification of high risk factors for development of active tuberculosis in children with latent tuberculosis infections

Anna Starshinova (ST PETERSBURG, Russian Federation), Semion Ananiev, Ulia Ovchinnikova, Irina Dovgaluk, Piotr Yablonskiy

The spectrum of drug susceptibility of slow-growing nontuberculous mycobacteria (MAC, M. kansasii, M. xenopi)

Marina Makarova (Moscow, Russian Federation), Vitalii Litvinov, Elena Khachatourians, Maria Krasnova, Lydia Guntupova

Health related quality of life among adult patients with non cf bronchiectasis: the role of psychological status and disease severity

Berrin Ceyhan (STANBUL, Turkey), Melahat Bekir, Sehnaz Olgun Yildizeli, Derya Kocakaya, Emel Eryuksel

The adventure of bronchiectasis patients through 13 years: clinical follow-up, microbiology, surgery and mortality

Fatma Isil Uzel (Istanbul, Turkey), Sedat Altın, Esin Tuncay, Feyma Özden, Derya Çenger, Ali Cevat Kutluk, Celalettin Kocatürk

Chronic cough: Are we integrating non-pharmacological therapies into treatment plans?

Bashar Al-Shekly (Manchester, United Kingdom), Imran Satia, Huda Badri, Saif Khalid, Ashley Woodcock, Jacky Smith, Jemma Haines

Chronic cough: sensitivity and specificity of symptom scales in screening for high cough frequency

Peter Siu Pan Cho (London, United Kingdom), Hannah Fletcher, Richard Douglas Turner, Surinder Singh Birring

The role of Fiberoptic Bronchoscopy (FOB) in the evaluation of chronic cough

Muthu Thirumaran (Wakefield, United Kingdom), Akshay Dwarakanath, Ahsan Iftikhar, Louise Flint

Hand strength as a predictor of prolonged hospital stay days in patients with chronic obstructive pulmonary disease

Leslie Verdeja Vendrell (Mexico, Mexico), Arturo Orea Tejada, Dulce González Islas, Ana Grecia Navarrete Peñaloza, Rafael de Jesús Hernández Zenteno, Abril Guadalupe Jiménez Cepeda, Guillermo Karey Pérez Cortés, Luis Felipe Castillo Aguilar, Viridiana Pelaéz Hernández, Francisco Alejandro Figueroa Hernández, Sonia Torres Montiel, Bernardo Robles Uribe, Rocío Nayelly Sánchez Santillán

Caregiver health behaviours of patients with cardiorespiratory failure

Bernardo Robles Uribe (Ciudad de Mexico, Mexico), Arturo Orea Tejada, Viridiana Pelaez Hernandez, Dulce Gonzalez Islas, Alejandro Figueroa Herrera, Sonia Torres Montiel, Rocio Sanchez Santillan, Guillermo Karey Perez Cortes, Abril Jimenez Cepeda, Ana Navarrete Penaloza, Leslie Vendrell Verdeja

Evaluation of the relationship between COPD and osteoporosis in Japanese patients

Hiroyuki Ohbayashi (Kitanagoya City, AICHI. PREF., Japan)

Is response to ambulatory oxygen associated with survival in hypoxemic respiratory patients

Ahmed Sadaka (ALEXANDRIA, Egypt), MI Polkey, NS Hopkinson, Andrew Montgomery

Indacaterol/glycopyrronium (IND/GLY) improves lung function, health status and rescue medication use vs salmeterol/fluticasone (SFC) independent of symptom response: The FLAME study

Nicolas Roche (Paris, France), Kenneth Chapman, Stefan-Marian Frent, Michael Larbig, Francesco Patalano, Steven Shen, Robert Fogel, Donald Banerji

Changing in the content of antiphospholipid antibodies during exacerbation of chronic simple bronchitis caused by reactivation of chronic cytomegalovirus infection (CMVI) in women in the second trimester of pregnancy

Igor Gorikov (Blagoveshchensk, Amur Oblast, Russian Federation), Mikhail Lutsenko, Leonid Nakhamchen

12:50 - 14:40

Thematic Poster: Clinical problems in lung diseases**Chairs :** Enrico Maria Clini (Pavullo (MO), Italy), Jelle Rindert Miedema (Nijmegen, Netherlands), Wim Wuyts (Rotselaar, Belgium), Chair to be confirmed**Treatment of idiopathic pulmonary fibrosis (IPF) with nintedanib: an experience from the compassionate use program (CUP) in Estonia**

Alan Altraja (TARTU, Estonia), Pille Mukk, Anneli Poola, Pilleriin Liiva, Marget Savisaar, Eve Rannu, Kaija Tammekivi, Kai Kliiman

Accuracy of a clinical diagnosis of idiopathic pulmonary fibrosis. A study of 404 pulmonologists from 57 countries.

Simon Walsh (London, United Kingdom), David Hansell, Toby Maher, Richard Nusser, Margaret Wilsher, Venerino Poletti, Carlo Vancheri, Luca Richeldi, Paolo Spagnolo, Sara Tomassetti, Vincent Cottin, Bruno Crestani, Dominiue Valeyre, Hilario Nunes, Kevin Brown, Brett Ley, Fernando Martinez, Ganesh Raghu, Kevin Flaherty, Jan C. Grutters, Marlies Wijssenbeek, Hiroyuki Taniguchi, Yoshikazu Inoue, Yasuhiro Kondoh, Moises Selman, Tamera Corte, Ian Glaspole, Martin Kolb, Kerri Johannson, Chris Ryerson, Elisabeth Bendstrup, António Morais, Maria Molina Molina, Wim Wuyts, Juergen Behr, Michael Kreuter, Katerina Antoniou, Athol Wells, George Margaritopoulos, Maria Kokosi, Vasilis Kouranos, Eoin Judge

Diagnosis of lung diseases based on proteomic analysis of exhaled breath condensate

Eldar Anaev (Moscow, Russian Federation), Miyasat Kushaeva, Kristina Fedorchenko, Anna Ryabokon`, Alexey Kononikhin, Oleg Pikin, Evgeny Nikolaev, Sergey Varfolomeev, Alexander Chuchalin

Severe sarcoidosis: a comparative study

Rana Fessi (tunis, Tunisia), Haifa Zaibi, Jihen Ben Amar, Sarra Maazaoui, Mohamed Ali Baccar, Salwa Azzabi, Besma Ourari, Hichem Aouina

Effects of a standard hyperbaric oxygen treatment protocol on pulmonary functions and diaphragm

SEVDA COMERT (Istanbul, Turkey), Selin Gamze Sumen, Benan Caglayan

A Nationwide Structure for Valid Long-Term Oxygen Therapy: 29 year prospective data in Sweden

Zainab Ahmadi (Lund, Sweden), Hillevi Larsson, Tove Nilsson, Josefin Wahlberg, Kerstin Ström, Bengt Midgren, Magnus Ekström

The Regional Respiratory Programme and key outcomes in Kent Surrey & Sussex

Jo Congleton (Hove, United Kingdom), Tom D'Auvergne, Emma Cox, Julia Bott

Assessment of the probability of lung cancer diagnosis using authorial predictive scale. Pilot study.

Szymon Skoczy ski (Katowice, Poland), Ewelina Tobiczcyk, Marta wierczy ska, Adam Barczyk

Sensitive and specific detection of lung cancer DNA in bronchial washing by a novel methylation-specific droplet digital PCR

Elena Miotto (Ferrara, Italy), Gian Luca Casoni, Elena Saccenti, Susanna Mascetti, Debora Rasio, Irene Marchi, Rosa Rinaldi, Giovanni Lanza, Alberto Papi, Silvia Sabbioni, Franco Ravenna, Massimo Negrini

Ambulatory Chest Drainage: Assessment of Efficacy, Safety and Outcome in Pleural Diseases

Prajay Jayanti Lunia (MUMBAI (Maharashtra), India), UNNATI DESAI, JYOTSNA JOSHI

Swyer-James-Macleod syndrome: report of three cases

Daniela Patrícia Cunha Machado (Rio Tinto, Portugal), Daniela Patrícia Cunha Machado, Filipa Lima, Catarina Marques, Regina Monteiro

Family matters – Birt-Hogg-Dubé is a rare but important cause of pneumothorax

Laurits Frøssing (Copenhagen V, Denmark), Laurits Frøssing, Lars Pedersen, Saher Shaker

Lung damages in adult patients with Common Variable Immunodeficiency and X-linked agammaglobulinemia.

Marina Karakina (Ekaterinburg, Russian Federation)

Radiological and pathological features of intrapulmonary lymph nodes.

Yoko Kida (Kobe, Japan), Syuji Yamashita, Masahiro Kaneko, Hiromi Tomioka, Nobuyuki Katakami, Eiji Katsuyama, Masahiko Takeo

Extraesophageal reflux (EER)--diagnostics and therapy in respiratory patients

Miloš Pešek (Plzeň, Czech Republic), Lucie Zdrhova, Radka Bittenglova, Terezie Turkova-Sedlackova, Karel Balihar, Peter W. Dettmar

The Associations among Responses during Mechanical Ventilator Weaning and its Outcomes in Adult ICU: A Prospective Study

Yu-Ju Chen (Taipei, Taiwan), Kun-Lun Huang, Ching-Yi Lee

The Analysis Of Pulmonary Risk Factors In Preoperative Evaluation

Muzaffer Onur Turan (Izmir, Turkey), Funda Uluorman

Management of Pulmonary Carcinoid

Neena Patel (Birmingham, United Kingdom), Anitha Vijayasingham, William Ricketts

12:50 - 14:40

Thematic Poster: Latest insights in functional capacity, muscle weakness and physical activity in chronic lung diseases

Tag(s) : Smoking prevention and cessation (HLfL)

Chairs : Maurice Hayot (Montpellier Cédex 5, France), Klaus Kenn (Schoenau am Koenigssee, Germany), Maria Koulopoulou (LONDON, United Kingdom), Mara Paneroni (Mazzano, Italy)

Inspiratory muscle training for chronic obstructive disease – systematic review

Guilherme Fregonezi (Rio Grande do Norte, Brazil), Palomma Araújo, Cibele Ribeiro, Fernando Dias, Illia NFD Lima, David Hodgson, Charlotte Bolton, John Blakey, Vanessa R Resqueti

Comparison of 6-minute walking distance test due to different oxygen conserving devices.

Tomomi Ichiba (Tokyo, Japan), Tetsuo Miyagawa, Naoki Miyao

Electrical stimulation therapy in children with muscle dysfunction: a systematic review

Paulo Magalhaes (Recife, Brazil), Bárbara Silva, Alanna Vasconcelos, Erika Andrade, Armèle Dornelas, Cyda Reinaux, Joaquim Malta

Inspiratory muscle performance predicts response to physical therapy in patients with chronic low back pain

Marlon Wong (Coral Gables, United States of America), Magno Formiga, Neil Spielholz, Samuel Cheng, Lawrence Cahalin

CHARACTERIZATION AND SURVIVAL OF PATIENTS WITH SPINAL MUSCLE ATROPHY TYPE 1 ON HOME MECHANICAL VENTILATION PROGRAM OF MINISTRY OF HEALTH, CHILE

Roberto Vera Uribe (SANTIAGO, Chile), Rodrigo Torres-Castro, Rebeca Paiva Reinerio, Carolina Suranyi Gonzalez, Daniela Valdés Sepulveda, Luis Vasconcello, Marisol Barros Poblete, Javiera Rosales, Raul Valenzuela, Paola Pontoni

Cardiopulmonary exercise test to predict pulmonary rehabilitation outcome in chronic obstructive pulmonary disease (COPD)

Dario Nieri (Pisa, Italy), Maria Adelaide Roggi, Giovanna De Cusatis, Marzia Pedreschi, Sabrina Santerini, Romina Vargiu, Barbara Vagaggini, Pierluigi Paggiaro, Sandra Antonelli

Can we stratify our approach on physical activity and exercise in patients with COPD?

Neşe Merve Kartal (MANİSA, Turkey), Neil J. Greening, Mark Orme, Katy Mitchell, Theresa C Harvey-Dunstan, Sally J. Singh

Is psychological stress associated with smoking and physical activity levels in patients in the CanCOLD Study?

Simon Bacon (Montreal, Canada), Kim Lavoie, Nicola Paine, Wan Tan, Pei Li, Laura Labonte, Shawn Aaron, Andrea Benedetti, Kenneth Chapman, Brandie Walker, Mark Fitzgerald, Paul Hernandez, Francois Maltais, Darcy Marciniuk, Denis O'Donnell, Don Sin, Jean Bourbeau, . CanCOLD Collaborative Research Group, . Canadian Respiratory Research Network

Effect of pedometer education on daily physical activities in patients with stable COPD.

Yuko Sano (Tokyo, Japan), Rokuro Matsuoka, Yoko Sato, Shinobu Kimura, Shyoji Mihara, Hajime Kurosawa

Systemic inflammation and the time spent moving by COPD patients with weight loss

Atsuyoshi Kawagoshi (Akita city, Japan), Kohko Yamada, Masahiro Iwakura, Kazuki Ohkura, Noritaka Kiyokawa, Keiyu Sugawara, Hitomi Takahashi, Masahiro Satake, Takanobu Shioya

Physical inactivity and sedentary time in severe asthma: prevalence and associations.

Laura Cordova-Rivera (New Lambton, Australia), Peter Gibson, Paul Gardiner, Vanessa McDonald

Physical Activity patients following lung resection for non-small cell lung cancer

Yorihide Yanagita (Hamamatsu, Japan), Masaki Oomagari, Hikaru Machiguchi, Takaya Ogawa, Shinichi Arizono, Ryo Kozu

Home based pulmonary rehabilitation with pedometers in Indonesian COPD patients.

Kiki Widyastuti (Tanjung Enim, Indonesia), Dewi Nurul Makhabah, Ana Rima, Yusup Subagio Sutanto, Suradi Suradi, Nicolino Ambrosino

THE IMPACT OF PULMONARY REHABILITATION ON PHYSICAL ACTIVITY AND PHYSICAL FITNESS LEVELS IN LUNG TRANSPLANT CANDIDATES; PRELIMINARY STUDY RESULTS

Esra Pehlivan (ISTANBUL, Turkey), Fatma Mutluay, Lütfiye Kılıç, Erdoğan Kunter, Candan Algun

Correlation between exercise capacity and different functional markers as an effectiveness of pulmonary rehabilitation in COPD.

Kerti M, Balogh Zs, Kelemen K, Varga J

National Koranyi Institute for TB and Pulmonology, Department of Pulmonary Rehabilitation
Mária Kerti (Budapest, Hungary), Mária Kerti, Zsuzsanna Balogh, Krisztina Kelemen, Janos Varga

Is pulmonary rehabilitation impact different regarding the 6 minute walk test distance in hypercapnic COPD patients?

Leonor Meira (Leça da Palmeira, Portugal), Rita Boaventura, Vanessa Santos, David Araújo, Paulo Viana, Emília Araújo, Paula Martins, Luís Gaspar, Isabel Gomes

Will the gains related to pulmonary rehabilitation continue in the first month after rehabilitation?

Elif Özar Yıldırım (ISTANBUL, Turkey), Elif Özar Yıldırım, Bekir Ozmen, Ozgur Yılmaz, Murat Ozturk, Ruya Aydın, Nurgül Yer

Influence of body mass index in exercise capacity in patients with chronic obstructive pulmonary disease under pulmonary rehabilitation

Eva Filipa de Sousa Antunes Dias Padrão (Braga, Portugal), Eva Filipa de Sousa Antunes Dias Padrão, Boaventura Rita, Meira Leonor, Santos Vanessa, Luís Gaspar, Paula Martins, Emília Araújo, Paulo Viana, Isabel Gomes

Effectiveness of pulmonary rehabilitation on exercise capacity among different groups of patients with chronic obstructive pulmonary disease

Maria Kryfti (NICOSIA, Cyprus), Tonia Adamide, Stella Fkiara, Andreas Georgiou

12:50 - 14:40

Thematic Poster: Best abstracts in pulmonary rehabilitation in chronic lung diseases

Tag(s) : Smoking prevention and cessation (HLfL)

Chairs : Rachael A. Evans (Market Harborough, United Kingdom), Vasileios Andrianopoulos (Schönau a. Königssee, Germany), Elena Gimeno-Santos (BARCELONA, Spain), Chair to be confirmed

Compare the safety of constant-load or intensity interval training for clinically stable patients with moderate and severe asthma

Ronaldo Aparecido Da Silva (SAO PAULO/SP, Brazil), Patrícia Gonçalves Leite Rocco, Flávio Mazzucatto, Douglas Silva Queiros, Rafael Stelmach, Regina Maria de Carvalho-Pinto, Milton Arruda Martins, Celso Ricardo Fernandes Carvalho

High Intensity Resistance Training Improves Respiratory, Peripheral, Quality of Life and Emotional Response in Elderly with Parkinson Disease

Erik Artur Cortinhas Alves (Belém, Brazil), Wilson Mateus Gomes da Costa Alves, Thiago Gonçalves Gibson Alves, Tiago Alencar de Lima, Renilson Moraes Ferreira, Evitom Correa de Sousa, Rodolfo Paula Vieira

Adherence to exercise training in Pulmonary Arterial Hypertension (PAH) and impact of concurrent health problems

Joanna Ford (Glasgow, United Kingdom), Alison MacKenzie, Fiona Kennedy, Val Irvine, Karon Carson, Rachel Thomson, Andrew Peacock, Colin Church, Martin Johnson

Does pulmonary hypertension exclude pulmonary rehabilitation in patients with COPD?

Anastasios Kallianos (ATHENS, Greece), Maria Charikiopoulou, LEMONIA Velentza, Evaggelos Bekas, Alexis Kokolios, Eleni Rekliti, Maria Bletsas, Georgia Trakada, Aggeliki Rapti

Echographic assessment of diaphragm and rectus femoris in COPD patients before and after a pulmonary rehabilitation program

Sebastian Ferri (Catania, CT, Italy), Teresa Augelletti, Raffaele Campisi, Enrico Heffler, Ramona Sorrentino, Nunzio Crimi

The hand-held fan & the Calming Hand for people with chronic breathlessness: a feasibility trial.

Flavia Swan (Hull, United Kingdom), Miriam Johnson

The effects of two different education programs in patients with asthma

Aysel Yildiz (STANBUL, Turkey), Begum Unlu, Ufuk Yurdalan, Ilksan Demirbiken, Semra Oguz

Postoperative rehabilitation in COPD patients with lung cancer

Alina Ionela Croitoru (SOS. VIILOR, SECTOR 5, Romania), Daniela Jipa, Marius Sava, Monica Chirea, Irina Pele, Ciprian Bolca, Irina Strambu, Stefan Dumitrache-Rujinski, Claudia Toma, Miron Bogdan

Post-pulmonary rehabilitation exercise adherence and exercise performance in COPD and ILD

William Bulman (New York, United States of America), Byron Thomashow, Robert Basner, Nichole Pieszchata, Ashley Goodman, Aimee Layton

Supervised exercise training program in subjects with congenital heart disease: effects on aerobic capacity and functional mobility

Alessandra Favoriti (Terni, Italy), Giancarlo Tancredi, Valeria Tromba, Desiree Mollicone, caterina Iambiase, Paola Sbriccoli, francesca morelli, ilaria rosati, davide puglisi

Pre- and post-lung transplant pulmonary rehabilitation in Hungary.

Janos Tamas Varga (Budapest, Hungary), János Tamás Varga, Krisztina Kelemen, Aniko Bohacs, Krisztina Czebe, George Victor Agathou, Maria Kerti, Zsuzsanna Balogh, Judit Petro, Eszter Csiszer, Gyorgy Lang

IMPACT OF A COMMUNITY-BASED EXERCISE PROGRAM ON PULMONARY FUNCTION IN MIDDLE-AGE AND OLDER PATIENTS WITH TYPE 2 DIABETES

Joelma Clotilde Costa Da Silva (Vila Nova de Gaia, Portugal), Cláudia Pinto, Carlos Vasconcelis, António Almeida, Paulo Subtil, Romeu Mendes

Assessment of pulmonary rehabilitation (PR) safety in patients with chronic respiratory diseases

Francesco Gigliotti (FIRENZE, Italy), Elisabetta Maria Romano, Emanuele Vulpio, Alessio Lazzeri, Carla Castellani, Isabella Romagnoli, Barbara Lanini, Francesca Gandi

Effects of pulmonary rehabilitation in asthma patients

Ana Raquel Caldas Marçôa (Matosinhos, Portugal), Rita Linhas, Inês Ladeira, Ricardo Lima, Regina Monteiro, Ivone Pascoal, Aurora Carvalho

High intensity interval training increases aerobic fitness, health related quality of life and clinical control in patients from moderate to severe asthma

Ronaldo Aparecido Da Silva (SAO PAULO/SP, Brazil), Patricia Gonçalves Leite Rocco, Flavio Mazzucato, Thiago Fernandes, Alberto Cukier, Rafael Stelmach, Regina Maria de Carvalho-Pinto, Milton Arruda Martins, Celso Ricardo Fernandes Carvalho

Healthcare professionals (HCPs) attitudes towards referring patients to pulmonary rehabilitation (PR); a cross sectional exploratory survey

Rachel Tuffnell (Sevenoaks, United Kingdom), Daniel Davis, Victoria Lord, Lynda Haggis, Irem Patel, Alex Harvey

Pulmonary rehabilitation in COPD exacerbator phenotype

Paulo José Zimmermann Teixeira (PORTO ALEGRE/RS, Brazil), Ivo Bohn Jr., Álvaro Huber dos Santos, Cassia Cinará Costa, Rafael Machado de Souza, Paulo José Zimmermann Teixeira

Early pulmonary rehabilitation after acute exacerbation of COPD

Jakob Lyngby Kjærgaard (Brønshøj, Denmark), Jakob Lyngby Kjærgaard, Carsten Juhl, Torgny Wilcke

'Bundling' COPD Care

Shyam Krishnan (Kolkata (West Bengal), India), Tarang Kulkarni, Alope Ghoshal, Raja Dhar

Effectiveness of a community based pulmonary rehabilitation (PR) programme for patients with chronic obstructive pulmonary disease (COPD): A retrospective review

samantha perryman (GILLINGHAM, United Kingdom), Suraj Rajput, Sandip Banerjee

12:50 - 14:40

Thematic Poster: Imaging markers of COPD and asthma**Chairs :** Wim Vos (Heist-op-den-Berg, Belgium), Eric Hoffman (Iowa City, United States of America), Chair to be confirmed**Value of CT in patients with bronchiectasis for detection of PCD**

Jessica Rademacher (HANNOVER, Germany), Felix Ringshausen, Amir Faschkami, Jan Fuge, Hoen-oh Shin, Jens Vogel-Claussen, Tobias Welte, Frank Wacker, Sabine Dettmer

18F-fluorodeoxyglucose (18F-FDG) PET/CT assessment of aortic inflammation and calcification in COPD

Susan Fernandes (Edinburgh, United Kingdom), Gourab Choudhury, Aleksander Marin, Martin Connell, John Murchison, Edwin van Beek, William MacNee

Ultrasonographic assessment of diaphragm dysfunction in acute exacerbations of COPD

Andrea Smargiassi (ROMA, RM, Italy), Gioacchino Schifino, Bruno Iovene, Linda Tagliaboschi, Giuseppe Maria Corbo, Riccardo Inchingolo, Luca Richeldi

Reproducibility of the main pulmonary artery to ascending aorta ratio (PA:A) in real-world, non-research chest CT scans

Henry Jason Biem (Beaconsfield, Canada), Sandra Biem, Fadi Aris, Henry Jay Biem, Ronald Dandurand

Relationship of quantitative CT with clinical and biological measures in COPD

Kristoffer Ostridge (Bournemouth, United Kingdom), Nicholas Williams, Viktorya Kim, Stephen Harden, Karl Staples, Emmanuel Aris, Mathieu Peeters, Jeanne-Marie Devaster, Simon Bourne, Tom Wilkinson

Considering the value of initial CT scans in COPD patients referred to the pulmonologists.

Gamida Ismailova (Zwolle, Netherlands), Erwin de Boer, Martijn F. Boomsma, Jan Willem van den Berg

The Effects Of Bronchiectasis Severity On Outcomes Of Chronic Obstructive Pulmonary Disease Exacerbation

Zeynep I kdo an (ANKARA, Turkey), Nurdan Köktürk, Dilek Yapar, P nar Karaku , H. Koray K l ç, Gonca Erba

Repeatability of real world, non-research chest CT scan-based lung density metrics

Ronald Dandurand (Beaconsfield, Canada), Myriam Dandurand, Raúl San José Estépar, Jean Bourbeau, David Eidelman

Analysis of blood eosinophil levels in relation to CT measured airway wall thickness and emphysema in end-stage COPD

Hubertus D. Luijk (Utrecht, Netherlands), Esther Pompe, Joost Jansen, Erik-Jan Oudijk, Johanna M. Kwakkel-van Erp, Ed A. van de Graaf , Pim A. de Jong, Firdaus A. Mohamed Hoesen

Longitudinal changes in structural abnormalities using MDCT in chronic obstructive pulmonary disease

Naoko Kawata (Chiba, Japan), Shin Takayanagi, Yuji Tada, Jun Ikari, Yukiko Matsuura, Shin Matsuoka, Shoichiro Matsushita, Noriyuki Yanagawa, Yasunori Kasahara, Koichiro Tatsumi

A predictive model for classifying COPD patients according to CT emphysema extent by using functional data and BMI

Mariaelena Occhipinti (Firenze, Italy), Matteo Paoletti, Francesca Bigazzi, Marco Palazzi, Viola Bonti, Gianna Camiciottoli, Massimo Pistolesi, Kanoe Russell

GOLD-associated shape variations in central airway tree assessed via QCT

Juerg Tschirren (Coralville, United States of America), Stephen McEleney, Jered Sieren, Amin Motahari, Meilan Han, Graham Barr, Eugene Bleecker, Alejandro Comellas, Christopher Cooper, David Couper, Nadja Hansel, Richard Kanner, Fernando Martinez, John Newell, Prescott Woodruff, Eric Hoffman

Desaturation on exertion is associated with emphysema severity on CT

Kristoffer Ostridge (Bournemouth, United Kingdom), Nicholas Williams, Viktoriya Kim, Karl Staples, Emmanuel Aris, Mathieu Peeters, Jeanne-Marie Devaster, Simon Bourne, Tom Wilkinson, Stephen Harden

The variable relationship between changes in lung density and FEV1 in smokers

Alejandro A Diaz (Arlington, United States of America), Matthew Strand, Harvey Coxson, James Ross, Raul San Jose , David Lynch, Eva Van Rikxoort, Gregory Kinney, John Hokanson, Edwin Silverman, James Crapo, George Washko

Spectrum of pulmonary Parametric Response Maps in Asthmatic patients: defining asthma subtypes

Mariaelena Occhipinti (Firenze, Italy), Charles Hatt, Leonello Fuso, Martina Sbarra, Carola Condoluci, Giuseppe Macis

Five-year MRI study of ventilation heterogeneity in asthma

Rachel Eddy (London, Canada), Sarah Svenningsen, David McCormack, Grace Parraga

Fourier-decomposition of free-breathing pulmonary proton MRI in asthma

Dante Capaldi (London, Canada), Khadija Sheikh, Rachel Eddy, Sarah Svenningsen, David McCormack, Grace Parraga

The impact of a high fine particle fraction inhaled long acting β_2 agonist (Formoterol) on airway function in asthma: evaluation with oxygen enhanced MRI and multiple breath washout.

Marcia Soares (LEICESTER, United Kingdom), Jose Ulloa, Joanne Wormleighton, Barnes Daniel, Parker Geoff, Salman Siddiqui

Functional respiratory imaging demonstrates heterogeneous alterations in airway mechanics and airflow during bronchoconstriction.

Emily Dunn (Newcastle West, Australia), Wim Vos, Jan De Backer, John Brannan, Barry Soans, Chris Grainge

MDCT Parametric Response Mapping Identifies Loss of Lung Terminal Bronchioles in COPD

Dragos Vasilescu (North Vancouver, Canada), Nathaniel Marchetti, Craig Galban, Kevin Heist, Amir Lagstein, Rishindra Reddy, Catherine Meldrum, Brian Ross, Carlos Martinez, Wassim Labaki, Ella Kazerooni, Gerard Criner, Fernando J Martinez, James C Hogg, MeiLan Han

12:50 - 14:40

Thematic Poster: Endoscopic Lung Volume Reduction (EVLV) and Targeted Lung Denervation (TLD)**Chairs :** Dirk-Jan Slebos (Groningen, Netherlands), Arshang Valipour (Vienna, Austria), Maren Schuhmann (Heidelberg, Germany), Daniela Gompelmann (Heidelberg, Germany)**Endoscopic valve removal >180 days since implantation in patients with severe emphysema**

Daniela Gompelmann (Heidelberg, Germany), Vasiliki Gerovasili, Konstantina Kontogianni, Nilab Sarmand, Maren Schuhmann, Felix JF Herth, Ralf Eberhardt

Low flow phenotype during Chartis assessment: correlation with fissure integrity

Ralf-Harto Huebner (BERLIN, Germany), Eva M Van Rikxoort, Theilig D, Christoph Ruwwe-Glosenkamp, Pierre Grandjean, Sri Radhakrishnan, Ryan Oliveira, Christa Niehaus, Frank Reichenberger, Wolfgang Gesierich

Role of pulmonary rehabilitation after bronchoscopic treatment of emphysema

Luca Bianchi (Lumezzane (Brescia), Italy), Michela Bezzi, Giordano Bozzola, Alessandra Montini, Mara Paneroni, Mauro Novali, Alma Berlendis, Gundi Steinhilber, Michele Vitacca, Simona Marino

Comparative efficacy and safety of surgical and bronchoscopic approaches to lung volume reduction

William Bulman (New York, United States of America), Patricia Jellen, Maureen Carroll, Joshua Sonett, Mark Ginsburg, Byron Thomashow, Roger Maxfield

Ability for dynamic hyperinflation increases after bronchoscopic lung volume reduction in patients with severe emphysema.

Karin Klooster (Groningen, Netherlands), Jorine E. Hartman, Nick H.T. ten Hacken, Dirk-Jan Slebos

Patient-specific goals significantly improve after endobronchial coil treatment in emphysema

Jorine Hartman (Groningen, Netherlands), Karin Klooster, Nick ten Hacken, Dirk-Jan Slebos

The effect of endobronchial valves on body composition in patients with advanced emphysema

Karin J. C. Sanders (Maastricht, Netherlands), Karin Klooster, Annemie M. W. J. Schols, Dirk-Jan Slebos

Impact of lung volume reduction coils on patient's physical activity

Carmen Pizarro (BONN, Germany), Sophia Hollmann, Izabela Tuleta, Georg Nickenig, Dirk Skowasch

Clinical and quantitative CT (QCT) predictors of response to lung volume reduction treatment using coils (LVRC)

Konstantina Kontogianni (Heidelberg, Germany), Kanoe Russell, Daniela Gompelmann, Feiran Jiao, Susan Wood, Ralf Eberhardt, Felix Herth

New bacterial growth in bronchial secretions after bronchoscopic valve implantation

Nilab Sarmand (Heidelberg, Germany), Konstantina Kontogianni, Daniela Gompelmann, Felix Herth, Ralf Eberhardt

CT derived emphysema sub-lobar phenotype distribution: perspectives for endoscopic approach

Diogo Oliveira (PORTO ALEGRE/RS, Brazil), Joschua Schirm, Jered Sieren, Juerg Tschirren, Feiran Jiao, Amarilio Macedo-Neto, Hugo Oliveira

Development of bulla in the ipsilateral untreated lobe following Endoscopic Lung Volume Reduction (ELV) with valves

Jane Winantea (ESSEN, Germany), Kedar Hibare, Kaid Darwiche

The effect of bronchoscopic lung volume reduction treatment on pulmonary ventilation and perfusion: comparison of valve and coil methods

Yavuz Selim Intepe (Yozgat-Merkez, Turkey), Bayram Metin, Seyhan Karacavus, Eylem Yildirim, Sener Yildirim

Interventional endobronchial valve placement in major hemoptysis – a case series

Kathleen Jahn (Basel, Switzerland), Mirjam Osthoff, Peter Grendelmeier, Michael Tamm

Targeted Lung Denervation improves COPD symptoms and health related quality of life at 6-months
Dirk-Jan Slebos (Groningen, Netherlands), Arshang Valipour, Pallav L Shah, Christophe Pison, Gaëtan Deslee

Improved pulmonary resistance in healthy sheep following Targeted lung denervation (TLD)
Philip J. Johnson (Plymouth, United States of America), Martin Mayse, James P. Hummel, Kristina Rouw

Demonstration of pulmonary denervation using the Hering-Breuer reflex following Targeted lung denervation (TLD)
Philip J. Johnson (Plymouth, United States of America), Martin Mayse, Kristina Rouw

Targeted lung denervation; an evaluation of power dose effect
Philip J. Johnson (Plymouth, United States of America), Martin Mayse, Kristina Rouw

12:50 - 14:40

Thematic Poster: EBUS

Chairs : Artur Szlubowski (Kraków, Poland), Jouke T. Annema (Amsterdam, Netherlands), Laurence M.M.J. Crombag (Huizen, Netherlands), Chair to be confirmed

Combined endosonography by use of single ultrasound bronchoscope for non-small cell lung cancer staging with use of 25 gauge needles
Artur Szlubowski (Kraków, Poland), Maciej Gnass, Anna Filarecka, Stanisław Orzechowski, Ewa Pasko, Jerzy Soja, Joanna Węgrzyn, Juliusz Pankowski, Lucyna Rudnicka, Adam Miel

Comparison of diagnostic performance of 19-gauge and 21-gauge needles during endobronchial ultrasound-guided transbronchial needle aspiration
Ilias Porfyridis (Nicosia, Cyprus), Frangiskos Frangopoulos, Paris Vogazianos, Panayiota Kara, Michalis Michael, Alexis Papadopoulos, Tonia Adamide, Andreas Georgiou

Prospective single center study: predicting lymph node malignancy through EndoBronchial Ultrasound Strain Elastography
Roel Verhoeven (Vinkel, Netherlands), Chris de Korte, Erik van der Heijden

PET-CT high-SUV mediastinal lymph nodes (MLN) in primary or treated extrathoracic malignancy – “Not all that lights up is malignant”
Pavankumar Biraris (DHULIA (M.S.), India), Pavan Yadav, Kumar Kallur, Satyanarayana Gowda, Ravindra Mehta

Randomized trial to evaluate the utility of suction and inner-stylet of EBUS-TBNA
Chengshui Chen (Wenzhou, Zhejiang, China), Min Ye, Xiaoxiao Lin, Yuping Li, Ko-Pen Wang

Adequacy of endobronchial ultrasound-guided transbronchial needle aspiration (EBUS-TBNA) sampling for molecular testing in pulmonary adenocarcinoma
Faheem Khan (Dublin 24, Ireland), Neena Kalsi, Muhammad Tufail, Rakesh Panchal, Jonathan Bennett

Elastography in the diagnosis of hilar and mediastinal lymph nodes
Daniela Gompelmann (Heidelberg, Germany), Konstantina Kontogianni, Nilab Sarmand, Philine Kaukel, Ralf Eberhardt, Felix JF Herth

Do sonographic features of lymph nodes predict the anthracotic benign pathology in ex-coalminers with PET positive lymph nodes?
Müge Meltem Tor (ISTANBUL, Turkey), Müge Meltem Tor, Bulent Altinsoy, Fatma Erboy

Optimize efficiency of EBUS-TBNA: Prospective evaluation of the aspiration on site by a non-pathologist – About 1325 procedures
Youcef Douadi (Amiens, France), Charles Dayen, Charlotte Trouve, Remi Suguenot, Isabelle Rault, Houcine Bentayeb, Emmanuelle Lecuyer, Faouzi Amirats, Vincent Jounieaux, Claire Andrejak, Laure André

Endobronchial ultrasound (EBUS) characteristics of benign and malignant mediastinal lymph nodes
Marco Damin (Padova, PD, Italy), Silvia Zagallo, Umberto Fantoni, Graziella Turato, Davide Biondini, Manuel G Cosio, Marina Saetta

The effect of 19G EBUS-TBNA biopsies on characterisation of malignant and benign disease
Rachel Jones (BRISTOL, United Kingdom), Andrew Medford

Pneumomediastinum following EBUS-TBNA in patients with Pulmonary Fibrosis
Louise Brockbank (LIVERPOOL, United Kingdom), Jennifer Marlow, Colin Smyth, Binukrishnan Sukumaran, Gemma Bates, Martin Walshaw, Kamlesh Mohan

Morphometric analysis of cell blocks obtained by endobronchial ultrasound-guided needle aspiration in lung cancer

Patricia Azahara Raya Marquez (Barcelona, Spain), Carmen Angela Centeno Clemente, Felipe Andreo Garcia, Marta Avila, Enric Carcereny, AM Muñoz, Jose Ramirez, Maria del Pilar Armengol, Mohamed Torkey, Juan Ruiz Manzano

Endobronchial Ultrasound-Guided Transbronchial Needle Aspiration is useful for the Diagnosis of malignant lymphoma

Yu-Deok Choi (Gwangju, Republic of Korea), Sang-Yun Song, Chul-Kyu Park

Diagnostic performance and complications of 396 EBUS-TBNA procedures performed under bronchoscope-directed conscious sedation

Giorgio Crosta (Cardano al Campo, Va, Italy), Maria Cattoni, Silvia Casale, Cinzia Gambarini, Elisa Nardecchia, Dino La Salvia, Andrea Imperatori, Lorenzo Dominioni, Nicola Rotolo

Adequacy of EBUS-TBNA specimens for molecular testing in lung adenocarcinoma

Leonello Fuso (ROMA, RM, Italy), Daniele Magnini, Francesco Varone, Antonietta Pecoriello, Ettore D'Argento, Salvatore Corallo, Guido Fadda, Maurizio Martini, Damiano Arciuolo

Does rapid onsite cytology provided by a biomedical scientist (BMS) affect the diagnostic yield of endobronchial ultrasound-guided transbronchial needle aspiration (EBUS-TBNA)? A repeat audit of the experience of a UK general hospital.

Alexandra Ewence (Salisbury, United Kingdom), Jonathan Macintyre, Timothy Ho, John Seymour, Alexandra Higon

EBUS-TBNA in isolated mediastinal/hilar lymphadenopathy: diagnostic performance in a high volume UK center

Sasiharan Sithamparanathan (Beaconsfield, United Kingdom), Richard Harrison, Vandana Jeebun

Per-Esophageal Needle Aspiration of Parenchymal Lung Lesions and mediastinal lymph node using an endobronchial ultrasound (EBUS) Bronchoscope

Yochai Adir (Haifa, Israel), Amir Abramovich, Omar Hakrushi, Sonia Schneer

12:50 - 14:40

Thematic Poster: ILDs: clinical aspects

Chairs : Sara Tomassetti (Forlì, FO, Italy), Nazia Chaudhuri (Sheffield, United Kingdom), Carlo Vancheri (Catania, CT, Italy), António Manuel Martins Morais (Maia, Portugal)

Quantitative assessment of erector spinae muscles by CT in patients with idiopathic pulmonary fibrosis

Hirotsugu Ohkubo (Nagoya, Japan), Hiroyuki Taniguchi, Yasuhiro Kondoh, Yoshihiro Kanemitsu, Taiki Furukawa, Akio Niimi

Translation and initial validation of the Saint George's Respiratory Questionnaire, IPF-specific version

Thomas Skovhus Prior (Århus N, Denmark), Janelle Yorke, Ole Hilberg, Elisabeth Bendstrup

Respiratory comorbidities and risk of mortality in hospitalized patients with idiopathic pulmonary fibrosis.

Keishi Oda (Fukuoka, Japan), Takashi Kido, Toshinori Kawanami, Kazuhiro Yatera

Adjustment of GAP model for Japanese patients with idiopathic pulmonary fibrosis

Hirotsugu Nishikiori (Sapporo, Japan), Hirofumi Chiba, Shun Kondoh, Yuichiro Asai, Atsushi Saito, Kimiyuki Ikeda, Koji Kuroshima, Mamoru Takahashi, Mitsuo Otsuka, Gen Yamada, Ken-ichi Kamo, Hiroki Takahashi, Yohei Takahashi

The St. George's Respiratory Questionnaire as a predictor for acute exacerbation of idiopathic pulmonary fibrosis

Hiroyuki Taniguchi (Aichi, Japan), Taiki Furukawa, Yasuhiro Kondoh, Tomoki Kimura, Kensuke Kataoka, Toshiki Yokoyama, Takeshi Johkoh, Junya Fukuoka

Patient journey to diagnosis of idiopathic pulmonary fibrosis (IPF) in the US

Timothy Whelan (Charleston, United States of America), Craig S. Conoscenti, Kevin R. Flaherty, Colin H. Holtze, Megan L. Neely, Eric Yow, Laurie D. Snyder, Joao A. de Andrade

Analysis of baseline characteristics by emphysema extent in patients with idiopathic pulmonary fibrosis (IPF)

Vincent Cottin (Lyon, France), Nicola Sverzellati, Derek Weycker, Katerina M Antoniou, Mark Atwood, Gerry Oster, Klaus-Uwe Kirchgassler, Athol U Wells

Anxiety and depression in idiopathic pulmonary fibrosis (IPF): prevalence and clinical correlates

Claire M. Nolan (London, United Kingdom), Suhani Patel, Ruth E Barker, Peter George, Matthew M Maddocks, Paul Cullinan, Toby M Maher, William D-C Man

Longitudinal changes in quality of life (QoL) in patients with idiopathic pulmonary fibrosis (IPF) treated with pirfenidone in the PROOF registry

Wim Wuyts (Rotselaar, Belgium), Caroline Dahlqvist, Hans Slabbynk, Marc Schlessler, Natacha Gusbin, Christophe Compere, Guy F Joos, Sophie Maddens, Evelien Kolkman, Klaus-Uwe Kirchgaessler, Karen Bartley, Benjamin Bondue

The Value of 18F-FDG PET/CT in evaluating disease severity in idiopathic pulmonary fibrosis

Uiwon Ko (Seoul, Republic of Korea), Hee-young Yoon, Suk Hyun Lee, Sejin Ha, Jisun Lee, Dong Soon Kim, Jin-Sook Ryu, Jin Woo Song,

Value of 18F-FDG PET/CT for predicting postoperative acute exacerbation in idiopathic pulmonary fibrosis

Uiwon Ko (Seoul, Republic of Korea), Hee-young Yoon, Suk Hyun Lee, Sejin Ha, Jisun Lee, Dong Soon Kim, Jin Woo Song, Jin-Sook Ryu

Disease progression at 12 months does not predict future outcomes in IPF patients: Analysis from the Australian IPF Registry

Helen Jo (Sydney, NSW, Australia), Ian Glaspole, Christopher Grainge, Nicole Goh, Peter Hopkins, Yuben Moodley, Paul Reynolds, Sally Chapman, Haydn Walters, Christopher Zappala, Heather Allan, Gregory Keir, Andrew Hayen, Wendy Cooper, Annabelle Mahar, Samantha Ellis, Sacha Macansh, Tamera Corte

Short term Quantitative Lung Fibrosis (QLF) change predicts rapid rate of FVC decline in patients with IPF

Jonathan Goldin (Santa Monica, United States of America), Grace Kim, Peiyun Lu, Seth Porter, Eduard Gorina, Matt Brown

Idiopathic pulmonary fibrosis in Finland and Sweden: differences in the performance of two similar health care systems

Ida Pesonen (Stockholm, Sweden), Giovanni Ferrara, Magnus Sköld, Lisa Carlson, Susanna Larsson, Marjukka Myllärniemi

Idiopathic pulmonary fibrosis (IPF) patients in Poland – preliminary cohort analysis of EMPIRE registry

Katarzyna B. Lewandowska (Warszawa, Poland), Jan Kus, Beata Zolnowska, Malgorzata Sobiecka, Magdalena Martusewicz-Boros, Pawel Sliwinski, Sebastain Majewski, Amelia Szymanowska-Narloch, Marzena Trzaska-Sobczak, Jana Strenkova, Martina Vasakova

Predictive factors of idiopathic pulmonary fibrosis (IPF) in patients with a possible or inconsistent with usual interstitial pneumonia (UIP) pattern on high resolution computed tomography (HRCT)

Lucile Sese (PARIS, France), Cécile Rotenberg, Dean Kassam, Olivia Freynet, Florence Jeny, Morgane Didier, Pierre-Yves Brillet, Diane Pivert, Marianne Kambouchner, Dominique Valeyre, Hilario Nunes

Diagnostic agreement of usual interstitial pneumonia (UIP) on chest CT between chest radiologists using current guidelines.

Onofre Moran Mendoza (Kingston, ON, Canada), Rob Dhillon, Justin Flood, Muhannad Hawari, Katarina Janic, Sami Alyami

Bronchoalveolar lavage findings and disease progression in hypersensitivity pneumonitis

Sara Elisabet Marta Oliveirada Silva Freitas (Coimbra, Portugal), Carolina Pessoa De Matos Cabo, Maria Joana Catarata

Effect of metformin on clinically relevant outcomes in patients with idiopathic pulmonary fibrosis (IPF)

Paolo Spagnolo (Liestal, Switzerland), Michael Kreuter, Toby M Maher, Wim Wuyts, Francesco Bonella, Tamera J Corte, Derek Weycker, Klaus-Uwe Kirchgaessler, Christopher J Ryerson

Transbronchial Criobiopsy (TCB) In Two Lung Lobes- Diagnostic Accuracy

António Manuel Martins Morais (Maia, Portugal), António Manuel Martins Morais, Natália Melo, Patrícia Mota, Adriana Magalhães, Susana Guimarães, Conceição Souto Moura

12:50 - 14:40

Thematic Poster: ILDs: clinical problems

Chairs : Marlies S. Wijsenbeek (Rotterdam, Netherlands), Simon Hart (Cottingham, United Kingdom), Carlo Albera (ORBASSANO (TO), Italy), Manuela Funke-Chambour (Bern, Switzerland)

Interstitial lung abnormalities in smokers are associated with increased mortality

Nils Hoyer (København S, Denmark), Laura Hohwu Thomsen, Mathilde Marie Winkler Wille, Torgny Wilcke, Jesper Holst Pedersen, Zaigham Saghir, Haseem Ashraf, Saher Burhan Shaker, Asger Dirksen

Clinical significance of combined pulmonary fibrosis and emphysema

Honglyeol Lee (Incheon, Republic of Korea), Cheol Woo Kim

Does enhanced respiratory support affect clinical outcomes in ILD Patients with acute Respiratory failure?

Andrew Achaiah (Portsmouth, United Kingdom), Matthew Quint, Lili Shaw, Olivia Bird, Suresh Babu

Correlation between lung sounds and HRCT signs of pulmonary fibrosis: a blinded prospective study.

Giacomo Sgalla (MODENA, Italy), Simon Walsh, Nicola Sverzellati, Sophie Fletcher, Stefania Cerri, Magdy El-Gohari, Borislav Dimitrov, Dragana Nikolic, Anna Barney, Fabrizio Luppi, Mark Jones, Donna Davies, Luca Richeldi, David Hansell

Transbronchial biopsy adequacy and sample size in a multidisciplinary team approach to interstitial lung disease diagnosis: one-year Padova experience

Francesca Lunardi (Padova, PD, Italy), Federica Pezzuto, Marco Damin, Elisabetta Balestro, Umberto Fantoni, Paolo Spagnolo, Fiorella Calabrese, Stefania Vuljan

Interstitial pneumonia vs. hypersensitivity pneumonitis with autoimmune features

Martina Sterclova (Praha, Czech Republic), Jelena Skibova, Martina Vasakova

Romanian Registry for Interstitial Lung Diseases (REGIS): inclusion of patients in 3 years

Irina Ruxandra Strambu (BUCURESTI 5, Romania), Teodor Salmen, Daniel Traila, Alina Croitoru

Small airways impairment and air-trapping distinguish chronic hypersensitivity pneumonitis (CHP) from idiopathic pulmonary fibrosis (IPF)

Matteo Bonini (London, United Kingdom), Alessio Pacini, Ilaria Menichini, Simon Ward, Simon Walsh, Cecile Daccord, Marco Brunori, Omar Usmani, Athol Wells, Felix Chua, Cosetta Minelli

Clubbing in patients with fibrotic interstitial lung diseases

Mirjam J.G. van Manen (Rotterdam, Netherlands), Laura C. Vermeer, C.C. Karen Moor, Robin Vrijenhoeff, Jan C. Grutters, Marcel Veltkamp, Marlies S. Wijsenbeek

Combined pulmonary fibrosis and emphysema (CPFE): How does cohabitation affect respiratory functions?

Fatma Çiftci (ANKARA, Turkey), Fatma Çiftci, Basak Gulpinar, Cetin Atasoy, Oya Kayacan, Sevgi Saryal

Concordance analysis of cells present in bronchoalveolar lavage in patients with interstitial lung diseases by type of readings and pulmonary location

Mikel Sarasate Azkona (Barcelona, Spain), Ana Villar, Margarita Herrera, Marian Ramon, Maria Jesus Cruz, Xavier Muñoz, Iñigo Ojanguren, Mario Culebras, Maria Dolores Untoria, Ferran Morell

Ultrasonographic features of typical HRCT signs of interstitial lung diseases

Ai Cui (BEIJING, China), Rui Wang, Wen-Jing Li, Jun Zhao, Fei Xie, Xue-Yan Yuan

EXHALED NITRIC OXIDE MEASUREMENTS IN PATIENTS WITH ACUTE-ONSET INTERSTITIAL LUNG DISEASE

Keiji Oishi (Ube, Japan), Tsunahiko Hirano, Ryo Suetake, Syuichiro Ohata, Yoshikazu Yamaji, Kosuke Ito, Nobutaka Edakuni, Kazuto Matsunaga, Masakazu Yano

Spectrum of diffuse parenchymal lung diseases at a tertiary care center in India

Digambar Behera (CHANDIGARH (U.T.), India), Sahajal Dhooria, Ritesh Agarwal, Inderpaul Singh Sehgal, Mandeep Garg, Amanjit Bal, Ashutosh Nath Aggarwal

The role of transbronchial biopsy (TBB) in the multidisciplinary diagnosis of interstitial lung disease (ILD)

Federico Fracasso (Isola Vicentina, Italy), Elisabetta Balestro, Paolo Spagnolo, Davide Biondini, Elisabetta Cocconcelli, Umberto Fantoni, Marco Damin, Fiorella Calabrese, Francesca Lunardi, Roberta Polverosi, Marina Saetta, Manuel Cosio, Giulio Barbiero

Hypoxic challenge test (HCT) in patients with interstitial lung disease (ILD)

Muthu Thirumaran (Wakefield, United Kingdom), Akshay Dwarakanath, Adnan Amir, Owen Johnson

Exhaled nitric oxide in idiopathic and non-idiopathic interstitial lung disease

Paolo Cameli (Certaldo, Italy), David Bennett, Rosa Metella Refini, Piersante Sestini, Paola Rottoli, Maria Grazia Pieroni

Bronchoalveolar lavage fluid protein concentrations define phenotypically distinct populations within group of patients with hypersensitivity pneumonitis (HP)

Peter Paluch (Praha, Czech Republic), Marie Droesslerova, Martina Sterclova, Magdalena Smetakova, Martina Kolbekova, Jelena Skibova, Marina Vasakova

Epidemiological profile of chronic interstitial lung diseases in Tunisian patients

Samira Aouadi (ARIANA, Tunisia), chema hadj sassi, najla ghrairi, sabrine Majdoub, houda gharsalli, sonia maalej, leila douik elgharbi

12:50 - 14:40

Thematic Poster: The variety of CTDs: from pathogenesis to treatment

Chairs : Martina Bonifazi (Ancona, AN, Italy), Julia Wälscher (Sinsheim, Germany), Argyris Tzouveleakis (ATHENS, Greece), Katerina Antoniou (Heraklion, Crete, Greece)

Comorbid interstitial lung diseases and collagen vascular diseases in pulmonary alveolar proteinosis: a nationwide surveillance in Japan

Yoshikazu Inoue (Osaka, Japan), Toru Arai, Masanori Akira, Koh Nakata, Etsuro Yamaguchi, Yasuhiko Setoguchi, Toshio Ichiwata, Masahito Ebina, Kazutoshi Cho, Ryushi Tazawa, Haruyuki Ishii, Kanji Uchida, Hiroshi Kida, Chikatoshi Sugimoto, Akiko Matsumuro, Masaki Hirose, Yoko Imai, Takahiko Kasai, Masanori Kitaichi

Association of serum KL-6 levels with interstitial lung disease in patients with connective tissue disease (CTD-ILD): a cross-sectional study and longitudinal study

GUO ZIJUN (Guangzhou, China)

Anti-synthetase syndrome associated Interstitial Lung Disease (ASS-ILD): Clinical, serological and radiological heterogeneity

Amila Rathnapala (Minuwangoda, Sri Lanka), D Addala, B Ng, S Mahesh, J David, RK Hoyles, T Nicholson

Anti-synthetase syndrome associated Interstitial Lung Disease (ASS-ILD): clinical heterogeneity and outcome

Amila Rathnapala (Minuwangoda, Sri Lanka), D Addala, B Ng, S Mahesh, J David, RK Hoyles

DIFFUSING CAPACITY (DLCO) AS A POTENTIAL SURROGATE MARKER FOR SCLERODERMA RELATED LUNG DISEASE- DATA FROM THE GERMAN NETWORK FOR SYSTEMIC SCLEROSIS

Michael Kreuter (Heidelberg, Germany), Francesco Bonella, Norbert Blank, Elise Siegert, Jörg Henes, Margitta Worm, Cord Sunderkoetter, Marc Schmalzing, Alexander Kreuter, Iudith Guenther, Laura Susok, Gabriele Zeidler, Ina Koetter, Ulf Mueller-Ladner, Thomas Krieg, Aaron Juche, Tim Schmeiser, Gabriele Riemenkasten, Elisabeth Aberer, Noemi Gaebel-Wissing, Jörg HW Distler, Miklos Sardy, Christiane Pfeiffer, Kathrin Kuhr, Hanns-Martin Lorenz, Pia Moynadeh, Nicolas Hunzelmann

Male gender and fibrosis score on high-resolution computed tomography are independent poor prognostic factors of survival in patients with rheumatoid arthritis-related interstitial lung disease.

Yuhei Ito (Kurashiki, Japan), Machiko Arita, Shogo Kumagai, Reoto Takei, Maki Noyama, Fumiaki Tokioka, Keisuke Nishimura, Tadashi Koyama, Tadashi Ishida

Mortality and clinical features in rheumatoid arthritis and interstitial lung disease

M^a Asuncion Nieto Barbero (MADRID, Spain), Cristina Vadillo Font, Judit Font Urgelles, Mariara Calderón Alcalá, Juan Rigual Bobillo, Dalifer Freites Nuñez, Lydia Abasolo Alcazar

Clinical Features and Prognosis of Acute exacerbation of Connective Tissue Diseases Associated Pulmonary Fibrosis----- Comparison with Idiopathic Pulmonary Fibrosis

Mengshu Cao (Nanjing, China), Jian Sheng

Extensive interstitial lung disease in inflammatory myopathy is a strong predictor of mortality

Deborah Assayag (Montréal, QC, Canada), Andrew Hirsch, Murray Baron, Evelyne Vinet, Alexandra Albert, Paul Fortin, Marie Hudson

Management of ANCA-associated vasculitis (AAV): A single-centre perspective from respiratory clinic.

Thapas Nagarajan (Cheshire, United Kingdom), Sarah McCloskey, James Lordan

Risk factors for lung involvements in patients with Sjögren's syndrome

Tomoyuki Kakugawa (Nagasaki, Japan), Noriho Sakamoto, Hiroshi Ishimoto, Toshimasa Shimizu, Hideki Nakamura, Aya Nawata, Chiyo Ito, Shuntaro Sato, Tetsuya Hanaka, Keishi Oda, Takashi Kido, Shota Nakashima, Takatoshi Aoki, Yasushi Obase, Kazuyoshi Saito, Kazuhiro Yatera, Yuji Ishimatsu, Toshiyuki Nakayama, Yukunori Korogi, Yoshiya Tanaka, Atsushi Kawakami, Hiroshi Mukae

Rituximab improves interstitial lung disease in rheumatoid arthritis patients

M^a Asuncion Nieto Barbero (MADRID, Spain), M^a Asuncion Nieto Barbero, Cristina Vadillo Font, Mariara Calderon Alcalá, Judit Font Urgelles, Juan Rigual Bobillo, Dalifer Freites Nuñez, Lydia Abasolo Alcazar

Cardiovascular comorbidity in Danish patients with scleroderma-associated interstitial lung disease
Gitte Anna Madsen (Aarhus, Denmark), Charlotte Hyldgaard, Elisabeth Bendstrup

The basic helix-loop-helix transcription factor scleraxis (Scx) is overexpressed in systemic and lung fibrosing diseases

Criselda Mendoza-Milla (MEXICO, Mexico), Ana Lilia Torres Machorro, Gael Guitrón Castillo, Tatiana Sofía Rodríguez-Reyna, Joaquín Zúñiga Ramos, Ivette Buendía Roldán

Idiopathic and secondary usual interstitial pneumonia: is there a real difference?

Maria Aurora Pinto Mendes (Penafiel, Portugal), Carla Nogueira, Sofia Neves, Agostinho Sanches, Filomena Costa, Sérgio Campinha

Immunosuppressor therapy effectiveness in Interstitial Lung Disease (ILD) associated Connective Tissue Disease(CTD).

Maria Alonso (Montevideo, Uruguay), Veronica Torres, Carolina Diaz, Adriana Berez, Pablo Curbelo, Sandra Consani

Rituximab in the management of idiopathic inflammatory myopathies complicated by interstitial lung disease

Peter Riddell (Dublin, Ireland), Ann O'Mahony, Grainne Murphy, John Ryan, Sinead Harney, Vincent Tormey, Michael Henry

Autoantibodies in interstitial lung disease

Adelle S Jee (Sydney, NSW, Australia), Stephen Adelstein, Jane Bleasel, Gregory Keir, Helen Jo, Edmund Lau, Lauren Troy, Susanne Webster, Tamera J Corte

Serum anti DFS70 antibody titer and lung functional impairment in patients with interstitial lung disease (ILD)

Francesco Bonella (DUSSELDORF, Germany), Yan Lyu, Ulrich Costabel, Michael Kreuter, Josune Guzman, Eda Boerner, Dirk Theegarten, Thomas Wessendorf

12:50 - 14:40

Thematic Poster: Lung Fibrosis: basic science

Chairs : Ulrich Costabel (ESSEN, Germany), Zoe Daniil (Larisa, Greece), Elisabetta Renzoni (LONDON, United Kingdom), Irina Ruxandra Strambu (BUCURESTI 5, Romania)

Naftopidil, a selective α_1 adrenoceptor antagonist, inhibits the growth of lung fibroblasts and attenuates bleomycin-induced lung fibrosis in mice

Hirokazu Urushiyama (Tokyo, Japan), Yasuhiro Terasaki, Shinya Nagasaka, Yasuhiro Yamauchi, Nariaki Kokuho, Shinobu Kunugi, Hiroataka Matsuzaki, Yoshihisa Hiraishi, Yu Mikami, Satoshi Noguchi, Masafumi Horie, Takahide Nagase

Effect of NF- κ B inhibitor IMD-1041 on BLM-induced pulmonary fibrosis in mice

Yajuan Chen (Chongqing, China), yasuhiko Nishioka, Hiroyasu Okazaki, Seidai Sato, Shuliang Guo, Hong Chen

Nintedanib inhibits pro-fibrotic mediators from T cells with relevance to connective tissue disease-associated interstitial lung disease

Lutz Wollin (Biberach an der Riß, Germany), Angela Ostermann, Cara Williams

The expression of TLRs and TRP channel in pulmonary sensory neuron in bleomycin induced fibrosis model.

Sang Yeub Lee (Seoul, Republic of Korea), Won Jai Jung, Sue In Choi, Eun Joo Lee, Min Goo Lee, Kwang Ho In

Concentrations of IL4R and TNF in bronchoalveolar lavage fluid can distinguish hypersensitivity pneumonitis from other fibrosing interstitial lung diseases

Martina Kolbeková (Praha, Czech Republic), Martina Kolbeková, Martina Šterclová, Peter Paluch, Martina Vašáková, Magdalena Sm táková, Jelena Skibova

Therapeutic benefits of exosomes derived from mesenchymal stromal cells in bleomycin-induced pulmonary fibrosis in aged mice.

Marilyn K. Glassberg (Miami, United States of America), Sharon Elliot, Gustavo Rubio, Xiaomei Xia, Paola Catanuto, Simone Pereira-Simon, Joshua Shapiro, Irena Pastar, Marjana Tomic-Canic, George Glinos

Therapeutic pamrevlumab (FG-3019) is more effective than pirfenidone or nintedanib in a mouse radiation-induced lung fibrosis model

Kenneth Lipson (San Francisco, United States of America), Mahmoud Moustafa, Mahdi Akbarpour, Shaun Fouse, Mark Kriegsmann, Cheng Zhou, Kaijing Liu, Felix Lasitschka, Wilko Weichert, Todd Seeley, Jürgen Debus, Amir Abdollahi

Correlation of Nintedanib efficacy on fibrotic lesion deposition and lung function within a rat IPF model
Robert Carrington (Huntingdon, United Kingdom), Stephen Jordan, Mark Anderson, Lorcan Sherry, Ken Meecham

PBI-4425, a novel first-in-class anti-inflammatory/anti-fibrotic compound, reduces pulmonary emphysema and cutaneous hyperplasia in tight-skin (Fbn-1) mouse
Lyne Gagnon (Laval, QC, Canada), Brigitte Grouix, Pierre Laurin, Marie-Pier Cloutier, Lilianne Geerts, Mikaël Tremblay, François Sarra-Bournet, Alexandra Felton

Deterioration of regulatory B cells and activation of follicular helper T cells in idiopathic interstitial pneumonias patients
Yuichiro Asai (Sapporo, Japan), Hirofumi Chiba, Syun Kondoh, Hirotaka Nishikiori, Mamoru Takahashi, Koji Kuronuma, Mitsuo Otsuka, Gen Yamada, Ryuta Kamekura, Shingo Ichimiya, Hiroki Takahashi

A phenotypic cell-based extracellular matrix deposition assay for target validation and drug discovery
Michael Gerckens (München, Germany), Katharina Heinzelmann, Oliver Eickelberg, Gerald Burgstaller

Rescue of mutant ABCA3 by small molecular correctors
Susanna Kinting (München, Germany), Stefanie Höppner, Thomas Wittmann, Ulrike Schindlbeck, Jacqueline Harfst, Matthias Griese, Ralf Zarbock

Spectrum of Diffuse parenchymal lung disease (DPLD)– Results from a regional referral center in Germany-
Frank Reichenberger (GAUTING, Germany), Juliane Herpich, Wolfgang Gesierich, Alicia Morresi-Hauf, Michael Lindner, Kerstin Pfeiffer, Juergen Behr

Prevalence of Latent Infection with Mycobacterium Tuberculosis in Interstitial Lung Diseases Using Interferon Gamma Release Assay
Burcu Uysaler (izmir, Turkey), Nesrin Mogulkoc, Cengiz Cavusoglu, Paul Bishop

Bile acid receptor mediates TGF- 1-induced activation of lung fibroblasts
Bi Chen (XuZhou, China), Handong Jiang, Wenjie You, Xueqing Liu, Shan Xue, Maowei Zhang, Wenjing liu, Shuyang Zhu, Jiechen Zhu, Yuanqin Li

Development of an integrative approach to identify key molecular targets involved in bleomycin-induced pulmonary fibrosis in rats.
Vanessa Pitozzi (PARMA, Italy), Barbara Pioselli, Maria Gloria Pittelli, Paola Caruso, Martina Bonatti, Maria Laura Faietti, Simone Ottonello, Barbara Montanini, Gino Villetti, Maurizio Civelli, Silvia Catinella, Marcello Trevisani

Ghrelin protects against bleomycin-induced pulmonary fibrosis in mice
Yohkoh Kyomoto (Osaka, Japan), Takashi Nojiri, Takeshi Tokudome, Motofumi Kumazoe, Koichi Miura, Hiroshi Hosoda, Jun Hino, Mikiya Miyazato, Kazuya Kojima, Hiroaki Kubo, Atsuko Okamoto, Kazuhiro Yamada, Tetsuya Watanabe, Kazuhisa Asai, Kazuto Hirata, Kenji Kangawa

Pro-fibrotic biomarkers in ex vivo lung tissue slices: A species comparison
Christina Hesse (HANNOVER, Germany), Samuel Mang, Heinz-Gerd Hoymann, Monika Niehof, Peter Braubach, Danny Jonigk, Mark Kühnel, Gregor Warnecke, Olaf Pfennig, Hans-Gerd Fieguth, Armin Braun, Katherina Sewald

Whole Transcriptome Analysis of Bleomycin(BLM) Induced Pulmonary Fibrosis(PF) of Rhesus Using RNA-seq
Lian Liu (CHENGDU, China), Zhicheng Yuan, Tao Wang, Dan Xu, Lei Chen, Lingli Guo, Fuqiang Wen

12:50 - 14:40

Thematic Poster: Primary care diagnosis, assessment and management of COPD

Chairs : Patrick T. White (London, United Kingdom), Tjard Schermer (Nijmegen, Netherlands), Mike Thomas (Southampton, United Kingdom), Niels H. Chavannes (Leiden, Netherlands)

Evaluating a simple lung monitor as a screening test for COPD in primary care
Andy Dickens (BIRMINGHAM, United Kingdom), Peymane Adab, David Fitzmaurice, Brendan Cooper, Martin Miller, Alice Sitch, Richard Riley, Alexandra Enocson, Rachel Jordan

Targeting the appropriate population for COPD screening in the primary care
Dionisios G. Spyrtos (THESSALONIKI, Greece), Anna-Bettina Haidich, Diamantis Chloros, Dionisia Michalopoulou, Ioanna Tsiouprou, Lazaros Sichletidis

Accuracy of COPD diagnosis in primary care in Knowsley, UK
Dennis Wat (LIVERPOOL, United Kingdom), Sarah Sibley

Personalised prescribing for COPD patients: a primary care audit

Alyn Hugh Morice (Cottingham, United Kingdom), Ghassan Hamad

Quality of Life and Multicomponent scales in Chronic Obstructive Pulmonary Disease

Jaime Gonzalez Rey (Vigo (Pontevedra), Spain), Friande Susana, Kasuba Durdica, Roman Miguel, Iftode Claudia, Claveria Ana

The distribution of COPD in UK general practice using the 2017 GOLD classification

John Haughney (ABERDEEN, United Kingdom), Amanda Lee, Inna Pertsovskaya, Eddie McKnight, Lorcan McGarvey,

Refined ABCD assessment tool in COPD – results from the TIE-study

Johanna Sulku (Gävle, Sweden), Andrei Malinovschi, Kristina Bröms, Björn Ställberg, Karin Lisspers, Christer Jansson, Marieann Högman

Prediction of one or two years' exacerbation free time in primary care COPD patients, a validated prediction nomogram

Nebal Abu Hussein (Basel, Switzerland), Gerben ter Riet, Pierre-Olivier Bridevaux, Prashant N. Chhajed, Thomas Dieterle, Jean-William Fitting, Thomas Geiser, Ladina Joos Zellweger, Malcolm Kohler, David Miedinger, Lara Siebeling, Robert Thurnheer, Michael Tamm, Milo A. Puhan, Jörg D. Leuppi

Prevalence of chronic obstructive pulmonary diseases related-hospitalization with acute exacerbation and its associated factors in Thailand.

Piyawan Kuwalairat (Chumphon, Thailand), Soodrutai Ratanaopas, Rarin Sornkate

Evaluation of DECAF, CURB-65 and BAP-65 scales as predictor of mortality risk in acute exacerbation of COPD in a retrospective cohort

Ascensión María Vílchez Parras (Torredelcampo (Jaén), Spain), Ascensión María Vílchez Parras, Celia Lacárcel Bautista, Gerardo Pérez Chica, María López López

Gender and economic aspects of COPD in a Swedish cohort: The ARCTIC study

Karin Lisspers (Gagnef, Sweden), Kjell Larsson, Christer Jansson, Björn Ställberg, Ioanna Tsiligianni, Florian S. Gutzwiller, Karen Mezzi, Milica Uhde, Leif Jorgensen, Gunnar Johansson

Cardio-metabolic profile, function and physical activity in mild-moderate COPD patients

Amy Jones (Derby, United Kingdom), Lauren Sherar, Mark Orme, Mike Morgan, Michael Steiner, Andrew Kingsnorth, Rachael Evans, Dale Eslinger, Sally Singh

Handgrip strength among COPD patients in the primary care

Dionisios G. Spyrtos (THESSALONIKI, Greece), Eirini Pagkalidou, Diamantis Chloros, Dionisia Michalopoulou, Ioanna Tsiouprou, Lazaros Sichletidis

Occurrence and severity of morning symptoms in chronic obstructive pulmonary disease – a cross-sectional study

Amanda R. van Buul (Leiden, Netherlands), Marise Kasteleyn, Niels Chavannes, Christian Taube

Estimating the number of patients' needed to treat (NNT) with indacaterol/glycopyrronium to prevent COPD exacerbations: Results from the FLAME study

Leif Bjermer (Lund, Sweden), Nicolas Roche, Florian S Gutzwiller, Petter Olsson, Francesco Patalano, Chau Thach, Robert Fogel, Donald Banerji

Real-life evaluation of budesonide/formoterol (DuoResp Spiromax) for the management of asthma and COPD in the UK

Nicolas Roche (Paris, France), Hicham Benhaddi, Marianka van der Tol, Jonathan Chambers, Job FM van Boven, Leif Bjermer, David Price, Jaco Voorham, Marc Miravittles

Efficacy and safety of Long-acting Beta-agonists+Long-acting muscarinic antagonists vs Long-acting Beta-agonists+Inhaled corticosteroids in COPD: a meta-analysis

Ralph Elvi Villalobos (Manila, Philippines), Aileen David-Wang

Indacaterol/glycopyrronium (IND/GLY) is cost-effective compared with salmeterol/fluticasone (SFC) in Swedish chronic obstructive pulmonary disease (COPD) patients

Leif Bjermer (Lund, Sweden), Job F. M. van Boven, Madlaina Costa-Scharplatz, Florian S. Gutzwiller, Karin Lisspers, Ronan Mahon, Thys van der Molen, Petter Olsson, Nicolas Roche, Colin Burke

Patient demographics and clinical characteristics in the UK Salford Lung Study (SLS COPD) and the European ACCESS study

Maurice Driessen (Brentford, United Kingdom), Isabelle Boucot, Hana Müllerová, Dominy Browning

12:50 - 14:40

Thematic Poster: Primary care pulmonary rehabilitation, multimorbidity and organisation of care

Chairs : Esther I. Metting (Groningen, Netherlands), Ann-Britt Zakrisson (Örebro, Sweden), Chair to be confirmed

The lay health worker-patient partnership promoting PR in COPD: what makes it work?

Patrick T. White (London, United Kingdom), Gill Gilworth, Alison J Wright, Simon Lewin

Patient and Public Involvement (PPI) in TANDEM: A Tailored intervention for ANxiety and DEpression Management in COPD

Amy Barradell (Leicester, United Kingdom), Ratna Sohanpal, Hilary Pinnock, Stephanie Taylor

A patient evaluation of performing COPD research in primary care.

Mona Bafadhel (Oxford, United Kingdom), Helen Jeffers, Joanne Davies

Development of the TANDEM intervention for Chronic Obstructive Pulmonary Disease: reporting on the pre-pilot phase

Liz Steed (London, United Kingdom), Ratna Sohanpal, Karen Heslop-Marshall, Sarah Saqi-Waseem, Amy Barradell, Hilary Pinnock, Stephanie Taylor

Prevalence and impact of depression on COPD

Juan Rigual Bobillo (VALLADOLID, Spain), Gianna Vargas Centanaro, Fernando Pelaez, Mariara Calderon, Juan Luis Rodríguez Hermosa, Beatriz Morales, Jose Luis Álvarez-Sala1, Myriam Calle ,

The impact of concomitant somatopsychic disorders (SPD) on quality of life (QL) of chronCOPD patients

Alina Dovgan (Vinnytsia, Ukraine), Tetyana Konstantynovych, Yuriy Mostovoy

Factors associated with incongruence between patient and carer reports in advanced COPD

Emma Mi (Cambridge, United Kingdom), Ella Mi, Carole Gardener, Morag Farquhar

Prevalence of co-morbidities in a Hellenic COPD population (COMPACT study)

Fotis Perlikos (ATHENS, Greece), Georgios Hillas, Georgios Pitsidianakis, Alexandros Ginis, Mina Evangeliou, Nikolaos Tzanakis

Prevalence of co-morbidities in Greek COPD patients in relation to the stage of the disease (COMPACT study)

Fotis Perlikos (ATHENS, Greece), Georgios Hillas, Georgios Pitsidianakis, Alexandros Ginis, Nikolaos Grekas, Nikolaos Tzanakis

Functional and inflammatory bowel diseases in patients with COPD

Karolina Klester (Barnaul, Russian Federation), Antonina Berdyugina, Elena Klester

Undiagnosed COPD and overlapping obstructive sleep apnoea in coronary heart disease

Carmen Pizarro (BONN, Germany), Christiane Klencz, Helena Große-Ophoff, Georg Nickenig, Dirk Skowasch

Relationship between Vitamin D and severity in COPD patients

Ezequiel Baran (Gonnet, Argentina)

The impact of overweight and obesity on acute exacerbations of COPD - subgroup analysis of the Taiwan obstructive lung disease cohort

Yu-Feng Wei (Kaohsiung City, Taiwan), Ying-Huang Tsai, Ming-Shian Lin, Chin-Chou Wang, Shih-Lung Cheng, Wu-Huei Hsu, Yao-Kuang Wu, Ning-Hung Chen, Chao-Hsien Lee, Jeng-Yuan Hsu, Chi-Wei Tao, Ping-Hung Kuo

Modeling the cost-effectiveness of stratified medicine in COPD

Martine Hoogendoorn (Rotterdam, Netherlands), Isaac Corro Ramos, Maureen Rutten-van Mölken

Adherence to treatment in COPD patients followed in Disease Management Public Program in Salvador, Brazil

Charleston Pinto (SALVADOR/BA, Brazil), Antônio Carlos Moreira Lemos, Margarete Alves Santana, Laira Lorena Lima Yamamura, Lindemberg Assunção Costa, Eduardo Martins Netto, Aramis Tupiná Alcântara, Ilka Magalhães Silva Carneiro

Management of COPD in Australian general practices: experiences from a cluster randomised trial

Jenifer Liang (Doncaster East, Australia), Michael Abramson, Nicholas Zwar, Grant Russell, Anne Holland, Billie Bonevski, Ajay Mahal, Benjamin van Hecke, Kirsten Phillips, Paula Eustace, Kate Petrie, Sally Wilson, Johnson George

Treatment patterns of COPD patients in France: A retrospective analysis of an administrative primary care healthcare database

Sarah Landis (Uxbridge, United Kingdom), Rafal Jakubanis, Wilhelmine Meeraus, Robert Wood, Tim Holbrook, Johanna Despres, Geoffray Bizouard, Yogesh Punekar, Afisi Ismaila

Perception of primary care physicians on chronic obstructive pulmonary disease and asthma: a study in India

Priyanka Gupta (Bandikui (Rajasthan), India), Sourabh Sinha, Sandeep Bhalla, Shilpa Jain, Ambrish mishra, Shruti Nair, D Prabhakaran, M Barne, S Salvi, B V Murali Mohan

Management of COPD in primary care: an audit of NICE guidance and cost effectiveness

Kabir Sandhu (London, United Kingdom)

12:50 - 14:40

Thematic Poster: Current molecular and genetic understanding in lung diseases

Chairs : Arnaud Mailloux (PARIS, France), Guillaume Beltramo (DIJON, France), Sukhwinder Singh Sohal (Launceston, TAS, Australia), Chair to be confirmed

Epigenetic control of TGF β induced fibrosis in COPD

Razia Zakarya (Marrickville, NSW, Australia), Hui Chen, Corey-Anke Brandsma, Ian M. Adcock, Brian G. G. Oliver

Heterozygous genotype rs17580 AT (PiS) in SERPINA1 is associated to COPD secondary to biomass and tobacco smoke.

Ramces Falfán Valencia (Mexico, Mexico), Gloria Pérez-Rubio, Enrique Ambrocio-Ortiz, Ana Juárez-Martín, Luis Jiménez-Valverde, Susana Zoreque-Cabrera, Gustavo Galicia-Negrete, Rene Guevara, Manuel Castillejos-López, Citlalpetl Salinas-Lara, Raúl Sansores, Alejandra Ramírez-Venegas

HDAC2, PI3K, GR, and GR mRNA levels in lung tissue and peripheral blood of patients with severe COPD and patients with spontaneous pneumothorax

Anna Ulitina (St. Petersburg, Russian Federation), Elena Vsevolodskaja, Zhanna Mironova, Stanislav Gorbunkov, Andrej Akopov, Vasilij Trofimov, Sofya Pchelina, Michail Dubina

Airway cells exposed to wildfire smoke extract exhibit dysregulation of autophagy and changes characteristic of inflammatory airway disease.

Eugenio Roscioli (Adelaide, Australia), Rhys Hamon, Hubertus Jersmann, Paul Reynolds, Sandra Hodge

Gene expression network in PiZZ Alpha1 Antitrypsin Deficiency and its relationship with the severity of lung disease

Cristina Esquinas (BARCELONA, Spain), Sabina Janciauskiene, Irene Belmonte, Miriam Barrecheguren, Esther Rodriguez, Francisco Rodriguez-Frias, Marc Miravittles

Prevalence and phenotype of subjects carrying rare variants in Argentina for alpha1-antitrypsin deficiency

Victoria Lorenzon (BUENOS AIRES, Argentina), María Soledad Sáez, Mariano Fernandez Acquier, Oscar Rizzo, Maria Alejandra Pereyra, Carolina Pinchuk, osé María Oyhamburu, Patricia Beatriz Sorroche, Diego Fabián Litewka

Proteinase 3 biomarker A α -Val541 in whole blood; effect of fMLP stimulation

Paul Newby (Birmingham, United Kingdom), Robert Stockley

THE ASSOCIATION ANALYSIS OF CHEMILUMINESCENCE OF NEUTROPHILS OF THE BLOOD WITH PATHOGENETIC FACTORS OF COPD

Igor A. Klimanov (Moscow, Russian Federation), Svetlana Soodaeva, Nailya Kubysheva, Larisa Postnikova, Tatyana Eliseeva

Lung RNA-sequencing to understand the heterogeneity of COPD

Maria Rosa Faner Canet (BARCELONA, Spain), Guerau Fernandez, Tamara Cruz, Alejandra López-Giraldo, Laureano Molins, Susana Kalko, Alvar Agusti

Neutrophil elastase gene expression and relation with lung function in Alpha-1 Antitrypsin deficiency patients.

Beatriz Martinez-Delgado (MADRID, Spain), Nerea Matamala, Gema Gomez-Mariano, Beatriz Lara, Maria Teresa Martinez, Esther Rodriguez, Lourdes Lazaro, Sergio Cadenas, Sergio Curi, Francisco Javier Michel, Silvia Castillo Castillo, Ana Bustamante, Cristina Esquinas, Marc Miravittles, Ignacio Blanco, Francisco Casas, Selene Martinez

A new SERPINA-1 missense mutation associated with alpha-1 antitrypsin deficiency and bronchiectasis.

Antonio Giuseppe Palmiotti (foggia, Italy), Giovanna Elisiana Carpagnano, Maria Pia Foschino Barbaro, Donato Lacedonia, Ernesto Giuffreda, Rosalinda Termine, Rosa Santacroce, Angelica Leccese

Telomere length in blood leukocytes of patients with bronchiectasis

Donato Lacedonia (Molfetta, Italy), Maria Cristina Colanardi, Grazia Pia Palladino, Giovanna Elisiana Carpagnano, Maria Pia Foschino Barbaro

Inflammatory response and epithelial-mesenchymal transition based on the model of co-cultured alveolar epithelial cells and monocytes induced by lipopolysaccharide.

Yanqin Qin (Zhengzhou, China), Yulong Chen, Jiansheng Li, Xuefang Liu, Haoran Dong, Wanchun Zheng, Suxiang Feng, Xiaoning Mao, Danrui Zhao

Features of cellular structure of the induced sputum at patients of young age in sintropiya of asthma and obesity

Angelina Kraposhina (Krasnoyarsk, Russian Federation), Irina Soloveva, Elena Sobko, Irina Demko, Maria Loktionova, Natalia Gordeeva, Svetlana Chubarova, Marina Mamaeva

Inflammatory markers of atherogenesis in patients with uncontrolled severe asthma

Nieves Belen Navarro Soriano (VALENCIA, Spain), Eva Martínez Moragón, Olga Salamea, María Clíment, Celia Bañuls, Silvia Ponce

Changes in the Levels of Beta-thromboglobulin and Inflammatory Mediators during Extracorporeal Membrane Oxygenation Support

Hyeju Yeo (Yangsansi, Republic of Korea), Yun Seong Kim, Dohyung Kim, Woo Hyun Cho

The most frequent ABCA3 nonsense mutation -p.Tyr1515* (Y1515X) causing lethal neonatal respiratory failure in a term neonate

Alnashmi Saud Alanazi (RIYADH 11481, Saudi Arabia)

First identification of Krüppel-like factor 2 mutation in heritable pulmonary arterial hypertension

Christina Eichstaedt (Heidelberg, Germany), Jie Song, Rebecca Rodríguez Viales, Zixuan Pan, Nicola Benjamin, Christine Fischer, Katrin Hinderhofer, Marius Hoepfer, Silvia Ulrich, Ekkehard Grünig

Predicting prognosis of lung function decline in IPF using gene expression in peripheral blood mononuclear cells

guiquan Jia (San Francisco, United States of America), Alex Abbas, Maggie Neighbors, Joe Arron, Thirumalai Ramalingam

The role of vitamin D receptor BsmI polymorphism in the course of sarcoidosis

Tatjana Radjenovic Petkovic (Niš, Republic of Serbia), Tatjana Pejcic, Milena Marinkovic, Desa Nastasijevic, Ivana Stankovic, Biljana Vrbic

12:50 - 14:40

Thematic Poster: Infection and exacerbation science

Chairs : Louise Donnelly (London, United Kingdom), Saeed Kolahian (Tübingen, Germany), Bernd Schmeck (Marburg, Germany), Chair to be confirmed

Inhibition of dynein motors improves macrophage phagocytosis in COPD

Katie Anders (London, United Kingdom), Kylie BR Belchamber, Peter J Barnes, Louise E Donnelly

PI3 kinase Inhibition Reduces Uptake of Haemophilus Influenzae by Airway Epithelial Cells.

Peter Fenwick (London, United Kingdom), P J. Barnes, Louise Donnelly

New aspects of langerin dendritic cells in patients with COPD

Michiko Mori (LUND, Sweden), Premkumar Siddhuraj, Abraham B Roos, Martin R Stämpfli, Claes-Göran Löfdahl, Jonas S Erjefält

Proinflammatory and anti-inflammatory cytokines in the blood serum in patients with community acquired pneumonia, associated with hepatic steatosis.

Roman Razumnyi (Lugansk, Ukraine)

TLR2 Promotes Allergic Airway Inflammation through JNK signaling pathway with Activation of Autophagy

Rongyu Liu (Hefei, Anhui, China), Lei Fang

Cytokine production of leukocytes in response to Influenza A virus is increased by cigarette smoking and in COPD

Sarah Yanik (BOCHUM, Germany), Luisa Betke, Paul Bürger, Eike Bülthoff, David Jungck, Juliane Kronsbein, Thomas Grunwald, Matthias Tenbusch, Andrea Koch, Jürgen Knobloch

Peculiarities of Immune Status among Young Patients with Community-Acquired Pneumonia (CAP) during Cytomegaloviral Persistence (CMVP)

Kiarina Chichirello-Konstantinovich (Vinnitsya, Ukraine), Tatiana Konstantynovych, Larisa Moroz

Glutathione level in community-acquired pneumonia patients.

Natalja Voskresenska (RIGA, Latvia), Julija Voichevskaja, Sergejs Babikovs, Vladimirs Voichevskis, Aivars Lejnicks, Andrejs Skesters, Alise Silova

IL-6 and IL-8 production induced by *Pseudomonas aeruginosa* flagellin in human bronchial epithelial cells.

Keitaro Nakamoto (Tokyo, Japan), Masato Watanabe, Mitsuru Sada, Toshiya Inui, Masuo Nakamura, Kojiro Honda, Haruyuki Ishii, Hajime Takizawa

Endotoxin-induced release of the Th17-associated cytokine interleukin (IL)-26 in human neutrophils

Karlhans Che (Stockholm, Sweden), Anders Linden

Effects of mometasone and formoterol on the innate immunity of human gingival epithelial cells

Mahmoud Rouabhia (Quebec, Canada), Laurence Langlois, Jamila Chakir

Correlations between exacerbation rate and blood eosinophil levels in COPD patients

Marco Contoli (FERRARA, Italy), Giacomo Forini, Diego De Cassan, Martina Marchi, Alessia Pauletti, Alberto Papi

Impaired serum opsonisation of non typeable *Haemophilus influenzae* in COPD and Alpha-1 Anti-Trypsin Deficiency. A potential mechanism for reduced bacterial clearance?

Georgia Walton (Birmingham, United Kingdom), Aidan Butler, Robert Stockley, Louise Donnelly, Elizabeth Sapey

Hyaluronic acid, heparan sulfate and chondroitin sulfate are altered during exacerbations of COPD

Eleni Papakonstantinou (Thessaloniki, Greece), Ioannis Bonovolias, Michael Roth, Francesco Blasi, Lucas Boeck, Andreas Scherr, Janko Rakic, Michael Tamm, Daiana Stolz, Renaud Louis, Branislava Milenkovic, Wim Boersma, Konstantinos Kostikas, Joachim Aerts, Gernot Rohde, Alicia Lacoma, Antoni Torres, Tobias Welte

Targeting PI3K attenuates influenza virus-induced inflammation in a murine model of asthma exacerbation

Cataldo Martucci (PARMA, PR, Italy), Serena Bertolini, Anna Maria Capelli, Fabrizio Facchinetti, Chiara Carnini, Gino Villetti, Maurizio Civelli

Rhinovirus triggers increased inflammasome activation in human bronchial epithelium in asthma.

Urszula Radzikowska (Davos Platz, Switzerland), Andrzej Eljaszewicz, Paulina Wawrzyniak, Anita Dreher, Anna Globinska, Sylwia Smolinska, Pawel Gajdanowicz, Michal Pirozynski, Marek Jutel, Liam O'Mahony, Cezmi A. Akdis, Milena Sokolowska

Activin-A levels in sputum and serum of COPD, asthma and ACOS patients during acute exacerbation and at baseline

Eliza Tsitoura (Heraklion, Crete, Greece), Argyro Chatziantoniou, Eirini Apostolou, Eugenia Synolaki, Lambrini Markaki, Ioannis Gialamas, Olli Ritvos, Nikolaos M. Sifakas, Katerina M. Antoniou, Paschalis Sideras, Nikolaos Tzanakis, Athina Trachalaki

Immunological characteristics of different courses of COPD

Natalia Kirillova (Tomsk, Russian Federation), Ksenia Nevskaya, Vyacheslav Petrov, Sophia Lezhava, Julia Dorofeeva, Evgeny Kulikov, Ivan Deev, Olga Kobyakova, Sergey Fedossenko

Phenotype of dendritic cells (DCs) stimulated by microbial antigens in COPD patients with frequent and infrequent exacerbations.

Natalia Kirillova (Tomsk, Russian Federation), Ksenia Nevskaya, Vyacheslav Petrov, Sophia Lezhava, Julia Dorofeeva, Evgeny Kulikov, Ivan Deev, Olga Olga Kobyakova, Sergey Fedossenko

Olodaterol and anti-inflammatory effects on differentiated air-liquid interface cultures of airway epithelial cells

Gurpreet Singhera (Vancouver, Canada), Roxana Yan, Delbert Dorscheid, Don Sin, Michael Pieper

12:50 - 14:40

Thematic Poster: Systemic and Airway Biomarkers**Chairs :** Clifford Taggart (Belfast, United Kingdom), Sabine Bartel (Borstel, Germany), Sinead Weldon (BELFAST, United Kingdom), Chair to be confirmed**Repeat Measurements of Complement proteins C3a and C5a in COPD patients**

Thomas Southworth (MANCHESTER, United Kingdom), Caroline Pattwell, Helen Richardson, Pascal Deschatelets, Cedric Francois, Federico Gross, Delphine El Mehdi, Carolina Vega, Lisa Tan, Dave Singh

Bone marrow characteristics in patients with COPD and eosinophilia

Núria Toledo Pons (PALMA DE MALLORCA, Spain), Núria Toledo Pons, Amanda Iglesias, Andreas Jahn, Joan B. Soriano, Maria Antonia Durán, Julio Fermín Iglesias, Orlando Gigirey, Àlvar Agustí, Borja G. Cosío

NOTCH-1 activation sustains hyperexpression of IL-33 in the epithelium of nasal polyps

Elisabetta Pace (Palermo, PA, Italy), Giuseppina Chiappara, Serafina Sciarrino, Caterina Di Sano, Salvatore Gallina, Riccardo Speciale, Serena Di Vincenzo, Claudia D'Anna, Andreina Bruno, Mark Gjomarkaj

PBI-4050 reduces expression of fibrosis biomarkers in the BioMAP SAEMyoF primary human small airway epithelial cells and lung myofibroblasts system

Lyne Gagnon (Laval, QC, Canada), Brigitte Grouix, Pierre Laurin, Martin Leduc

Peripheral blood Th17 and Th17/Th2 cells and their association with lung function and biomarkers in asthma-COPD overlap syndrome

Yongchang Sun (BEIJING, China), Weihai Xu

Could Monocyte /HDL cholesterol ratio predict cardiovascular events in patients with Chronic Obstructive Pulmonary Disease ?

Halil Ibrahim Yakar (Istanbul, Turkey), Asiye Kanbay, Erkan Ceylan

Nanoparticles in sputum - a new window to airway inflammation

Amir Bar-Shai (TEL-AVIV, Israel), Michal Rotem, Shani Shenhar-Tsarfaty, Noa Ophir, Elizabeth Fireman

The relation between plasminogen activator inhibitor-1 (PAI-1) and inflammatory markers in COPD: A possible risk factor of inflammation-induced thrombosis

Mehmet Polatli (AYDIN, Turkey), Onur Yazici, Dicle Akcan Kahvecioglu, Cigdem Yenisey, Burçin rem Abas

Mast cell subtypes in adults and children with severe asthma

Thais Mauad (Sao Paulo, Brazil), Bianca Bergamo de Araujo-Paulino, Miriam Cardoso Neves Eller, Karina Pierantozzi Vergani, Regina Maria Carvalho-Pinto, Rafael Stelmach, Kelly Yoshizaki, Espen Elias Groth, Joaquim Rodrigues, Marisa Dolhnikoff

Alveolar macrophage size is increased in COPD patients compared to controls

Simon Lea (MANCHESTER, United Kingdom), Josiah Dungwa, Arjun Ravi, Dave Singh

Blood cytokine expression in patients with chronic obstructive airway diseases (COAD)

Luis Pérez De Llano (Lugo, Spain), Luis Pérez De Llano, Amanda Iglesias, Juan Jose Soler-Catalunya, Jose Luis Izquierdo, Vicente Plaza, Jose Luis Lopez Campos, Alfons Torrego, Eva Martínez-Moragón, Joan Soriano, Irina Bobolea, Natividad de las Cuevas, Antolin López-Viña, Borja G.Cosío

Sputum interleukin-25 correlates with asthma severity - a preliminary study

Magdalena Paplinska-Goryca (Warszawa, Poland), El bieta Grabczak, Marta D browska, Joanna Hermanowicz-Salamon, Ma gorzata Proboszcz, Patrycja Nejman-Gryz, Marta Maskey-Warz chowska, Rafa Krenke

Blood eosinophils do not reflect lung tissue eosinophils in COPD

Graziella Turato (Padova, PD, Italy), Umberto Semenzato, Nerea Torrecilla, Erica Bazzan, Davide Biondini, Mariaenrica Tinè, Paula Gambo, Jose M Marin , Manuel G Cosio, Marina Saetta

Proteasome activity profiling in peripheral blood of healthy smokers

Ilona Kammerl (München, Germany), Julia Schimmer, Oliver Vosyka, Stefanie Hauck, Oliver Eickelberg, Silke Meiners

Molecular-cellular mechanisms of combined airway hyperresponsiveness in asthma

Victor Kolosov (Blagoveshchensk, Amur Oblast, Russian Federation), Aleksey Pirogov, Anna Prikhodko, Sergey Zinoviev, Juliy Perelman, Elena Ushakova, Galina Makarova

Periostin in exhaled breath condensate as a biomarker of different severe asthma phenotypes.

Giulia Scioscia (Lucera, FG, Italy), Grazia Cotugno, Piera Soccio, Donato Lacedonia, Maria Pia Foschino Barbaro, Giovanna Elisiana Carpagnano

Beclin1 circulating levels and accelerated ageing markers in COPD

Frédéric Schlemmer (Créteil Cedex, France), Frédéric Schlemmer, Laurent Boyer, Thibaud Soumagne, Audrey Ridoux, Lucie Bizard, Elisabeth Marcos, Bruno Housset, Christos Chouaid, Bernard Maitre, Sophie Lanone, Serge Adnot, Etienne Audureau, Jorge Boczkowski

Molecular phenotyping of chronic bronchitis: mucin and inflammatory gene expression heterogeneity in COPD

Stephanie Christenson (San Francisco, United States of America), Samaneh Bolourchi, Gary Huffnagle, John Erb-Downward, Guido Hanauer, Marina Saetta, Klaus Rabe, Fernando J Martinez, Prescott G Woodruff

Pulmonary and systemic cellular immune response network in patients with mild-moderate COPD

Maria Rosa Faner Canet (BARCELONA, Spain), Tamara Cruz, Alejandra López-Giraldo, Guillaume Noell, Laureano Molins, Manel Juan, Marco Antonio Fernandez, Alvar Agusti

12:50 - 14:40

Thematic Poster: Novel pro- and antifibrotic mechanisms in pulmonary fibrosis

Chairs : Olivier Burgy (Aurora, United States of America), Agnes W. Boots (Maastricht, Netherlands), Michael Beers (Wayne, United States of America), Gunilla Westergren-Thorsson (Lund, Sweden)

Prevention the TGF- induced epithelial-mesenchymal transition with atorvastatin in human A549 cell line

Merve Y ld r m (STANBUL, Turkey), Zeynep Eda Atmaca, Ozgecan Kayalar, Fusun Oztay

Target gene identification of TGF- -induced miR-455-3p and miR-21-3p in lung fibroblasts

Jennie Ong (Groningen, Netherlands), Wim Timens, Vijay Rajendran, Arjan Algra, Avrum Spira, Marc Lenburg, Joshua Campbell, Maarten van den Berge, Dirkje Postma, Anke van den Berg, Joost Kluiver, Corry-Anke Brandsma

The Hippo pathway effector TAZ plays crucial role at the inflammatory phase of Nonspecific interstitial pneumonia

Chaeuk Chung (Daejeon, Republic of Korea), Dong Il Park, Ju Ock Kim, Jeong Eun Lee, Hee Sun Park, Jae Young Moon, Da Hyun Kang, Min-Kyung Yeo, Sung Soo Jung

The potential role of intracellular heat shock protein 70 deficiency in aging and pulmonary fibrosis.

Jacobo Sellares Torres (BARCELONA, Spain), Katelynn J J. Thiel, Nayra Cardenes, Frank Schneider, Joseph M. Pilewski, Mauricio Rojas, Carol A. Feghali-Bostwick, Kristen Veraldi

Perlecan and heparan sulphate are abundant in fibroblast foci in Idiopathic Pulmonary Fibrosis.

Oskar Hallgren (Lund, Sweden), Gunilla Westergren-Thorsson, Xiao-Hong Zhou, Marie Hornfelt, Kristina Rydell-Törmänen, Leif Bjerner

Treatment of sulfur dioxide-induced lung injury in rats

Sofia Jonasson (UMEÅ, Sweden), Elisabeth Wigenstam, Lina Ågren, Anders Bucht, Linda Elfsmark

Bleomycin induced pulmonary fibrosis in rats: Protective effects of vitamin D

Fatma Erboy (Kozlu - Zonguldak, Turkey), Emine Y İmaz Sipahi, Berrak Güven, Gamze Yurdakan, Furuzan Kokturk, Füsün Comert, Figen Atalay

Aerobic exercise can impair lung fibrotic and functional response in a model of bleomycin-induced lung fibrosis: a time-dependent effect

Rodolfo De Paula Vieira (SAO JOSE DOS CAMPOS/SP, Brazil), Elias El-Mafarjeh, Alana Santos Dias, Manoel Carneiro Oliveira-Junior, Renata Kelly da Palma, Luis Vicente Franco de Oliveira, Ana Paula Ligeiro de Oliveira, Oliver Eickelberg

Chronic kidney disease induces lung injury and mechanical alterations: gender differences and laser treatment.

Renata Palma (Sao Paulo, Brazil), Flávia Mafra de Lima, Marcos Cenedeze, Luis Vicente Franco Oliveira, Niels Olsen Saraiva Camara, Alvaro Pacheco e Silva Filho

Heat shock protein 90 inhibitors block pulmonary fibrosis and dysfunction in HCl-exposed mice.

John Catravas (Norfolk, United States of America), Christiana Dimitropoulou, Nektarios Barabutis, Gagan Thangjam

Detrimental role for matrix metalloprotease-1 in the pathogenesis of pulmonary fibrosis

Janwillem Duitman (Paris, France), Cong Lin, Awen Menou, Keren S. Borensztajn, C. Arnold Spek, Bruno Crestani

LSC - 2017 - Profibrotic signaling by TGF- involves NADPH oxidase 4 dependent activation of tyrosine kinase Src and mitochondrial ROS

Carmen Veith (Maastricht, Netherlands), Milena Hristova, Agnes Boots, Frederik-Jan van Schooten, Albert van der Vliet

Expression of the MET receptor kinase is a potential functional marker of Idiopathic pulmonary fibrosis

Giulia Maria Stella (Pavia, Italy), Elisa Gili, Evelina Fagone, Melissa Milan, Federica Meloni, Mary Fruciano, Silvia Benvenuti, Carlo Vancheri

12:50 - 14:40

Thematic Poster: Towards better treatments for lung disease: experimental pharmacology

Chairs : Nelly Frossard (ILLKIRCH, France), Anna-Karin Larsson-Callerfelt (Lund, Sweden), Sara Jane Bonvini (London, United Kingdom)

A case control study: The role of leukotriene receptor antagonist in cardiovascular risk

Malvina Hoxha (Tirane, Albania), Visar Malaj, GianEnrico Rovati, Marianela Vara Messler, Celia Rivilla Doce, Aurora Bueno Cavanillas

Effect of salmetrol-fluticason combination and tiotropium on clinical and physiological improvement of bronchial anthracofibrosis, a double blind randomized, cross over, placebo controlled, clinical trial.
Majid Mirsadraei (MASHHAD, Islamic Republic of Iran), Parisa Saeidi

LPA1 antagonists BMS-986020 and BMS-986234 for idiopathic pulmonary fibrosis: Preclinical evaluation of hepatobiliary homeostasis

Glenn Rosen (Lawrenceville, United States of America), Lakshmi Sivaraman, Peter Cheng, Brian Murphy, Kristina Chadwick, Lois Lehman-McKeeman, Rose Christian, Michael Gill

Effect of exendin-4 on lung function of diabetic patients: a preliminary report

Paola Rogliani (ROMA, RM, Italy), Luigino Calzetta, Josuel Ora, Mario Cazzola, Davide Lauro, Maria Gabriella Matera, Angelo Coppola

CHF 6001 inhibits nuclear translocation of NF- κ B in LPS-induced lung inflammation in mice

Fabio Stellari (PARMA, PR, Italy), Francesca Ruscitti, Andrew Allen, Alessandro Fioni, Carlo Pappani, Chiara Carnini, Andrea Dall'Erta, Francesco Amadei, Valentina Bagnacani, Gino Villetti, Maurizio Civelli

Bufeï Jianpi granules decrease skeletal muscular cell apoptosis via improving mitochondrial dysfunction in rats with chronic obstructive pulmonary disease

Jing Mao (zhengzhou,henan,, China), Ya Li, Qingqing Bian, Junzi Li, Lanxi Zhang, Yuanyuan Hu, Huige Ji, Suyun Li, Jiansheng Li

The combination of PDE4 and PDE5 inhibitors reduces YAP expression in IPF

Sonia Contreras (VALENCIA, Spain), Jorge Oliver, Juliette Albert, Giancarlo Forte, Julio Cortijo, Beatriz Ballester

Meta-analysis of two clinical trials: Slowing respiratory decline in Duchenne muscular dystrophy (DMD)

Mika Leinonen (Liestal, Switzerland), Thomas Meier, Gunnar Buyse on behalf of the DELOS Study Group

Dipeptide HCH6-1 inhibits neutrophil activation and protects against acute lung injury by blocking FPR1

Tsong-Long Hwang (Taoyuan, Taiwan)

VEGF induces ECM synthesis and fibroblast activity in human lung fibroblasts

Anna-Karin Larsson-Callerfelt (Lund, Sweden), Annika Andersson Sjöland, Oskar Hallgren, Mariam Bagher, Lena Thiman, Claes-Göran Löfdahl, Leif Bjermer, Gunilla Westergren-Thorsson

Clinically-relevant computational model of airway remodelling to design and optimise interventions to treat asthma

Himanshu Kaul (Toronto, Canada), Chris Brightling, Rod Smallwood

Opioid-neurotensin hybrid influences pulmonary inflammatory process in murine model of non-atopic asthma.

Ewelina Kogut (Warszawa, Poland), Katarzyna Kaczyńska, Andrzej Lipkowski, Patrycja Kleczkowska

Anti-inflammatory effects of Low Level Laser (LLL) in a murine model of asthma and its combination with the standard treatment

Auriléia Brito, Tawany Gonçalves Santos, Cintia Estefano Alves, Nicole Cristine Rigonato-Oliveira, Luana Beatriz Vitoretti, Maysa Alves Rodrigues Brandão-Rangel, Flávio Aimbire, Rodolfo de Paula Vieira, Ana Paula Ligeiro de Oliveira Ligeiro-Oliveira

Bufeï Yishen granules decrease inflammation and extracellular matrix deposition in airway remodeling in chronic obstructive pulmonary disease rats

Ya Li (Zhengzhou, China), Yang Wang, Jing Mao, Xuefang Liu, Zhaohuan Wu, Qingqing Bian, Junzi Li, Lanxi Zhang, Yuanyuan Hu, Huige Ji

Anti-IL17 treatment controls airway asthmatic responses exacerbated by LPS

Luciana Aristoteles (SANTOS/SP, Brazil), Iolanda Tiberio, Tabata Maruyama, Leandro Camargo, Flavia Ribas, Maysa Cruz, Silvia fukuzaki, Maria Alonso, Edna Leick, Renato Fragar, Carla Prado, Milton Martins

Anti IL-17 with or without Rho kinase inhibitor in mice with chronic allergic pulmonary inflammation

Tabata Santos (São Paulo, Brazil), Renato Righetti, Luciana Aristóteles, Leandro Camargo, Silvia Fukusaki, Flávia Souza, Maysa Cruz, Maria Alonso-Vale, Beatriz Saraiva-Romanholo, Carla Prado, Milton Martins, Iolanda Tibério, Edna Leick

Anti-inflammatory, antioxidant and immunomodulatory effects of curcumin in sensitized rat

Mohammad Hossein Boskabady (MASHHAD, Islamic Republic of Iran), Farzaneh Shakeri

Pharmacological validation of a new IPF bleomycin-induced mouse model

Fabio Stellari (PARMA, PR, Italy), Francesca Ruscitti, Francesca Ravanetti, Antonio Cacchioli, Gino Villetti, Maurizio Civelli

Effect of ambroxol on whole lung mucociliary clearance in sheep.

Stephan Koelsch (Frankfurt, Germany), Ulrike Sent, Peter Nickolaus, William Abraham

Interaction between tiotropium bromide and olodaterol in small human airways

Luigino Calzetta (ROMA, RM, Italy), Paola Rogliani, Francesco Facciolo, Maria Gabriella Matera, Mario Cazzola

12:50 - 14:40

Thematic Poster: COPD management**Chairs :** Bilun Gemicioglu (STANBUL, Turkey), Richard N.R. Dekhuijzen (Nijmegen, Netherlands), Maarten van den Berge (Groningen, Netherlands), Pierre-Olivier Girodet (BORDEAUX, France)**Safety profile of COPD medications in COPD patients with concomitant diabetes mellitus**

Stefan Krüger (DUSSELDORF, Germany), Stefan Krüger, Claudia Mailaender, Steven Shen, Benjamin Ettl, Robert Fogel, Sven Glaeser

Single inhaler triple therapy in advanced COPD patients: prior medication and disease severity FULFIL subanalyses

David Lipson (Wynnewood, United States of America), Helen Barnacle, Ruby Birk, Noushin Brealey, Chang-Qing Zhu, Mark Dransfield, David Lomas

Case series of long-term macrolide therapy effect on eosinophil count in COPD

Rachelle Ascjak (Msida, Malta), Mona Bafadhel

Effect of the five-element music therapy based on the midnight-noon ebb-flow theory on Somniphathy Patients with COPD Accompanied by Anxiety.

Hongjing Lin (Changchun City, China), Guangwei Zhang, Jiahui Ma, Fangbo Zhao

Risk factors for discontinuation of roflumilast in COPD patients

Chin Kook Rhee (Seoul, Republic of Korea), Yong Bum Park, Hyoung Kyu Yoon

Differences in attitudes and knowledge of doctors and nurses towards oxygen prescribing in a district general hospital

Syed Fayyaz Hussain (Kettering, United Kingdom), Maheen Gill, Nur Najah Binti Mahmood, Stephanie Amy Brown

The relationship between symptom scores and medication adherence in stable COPD patients

Derya Kocakaya (STANBUL, Turkey), ehnaz Olgun Y ld zeli, Hüseyin Ar kan, Yusuf Erbayat, Seyhan H d ro lu, Rezzan Gülhan, Berrin Ba c Ceyhan, Emel Eryüksel

The impact of vaccination on the dynamics of bronchial and systemic inflammation in patients with COPD and CHD

Galina Ignatova (Chelyabinsk, Russian Federation), Galina Ignatova, Maria Belsner

The importance of eosinophilic inflammation in COPD exacerbations

Margarida Souto Vargas-Castanho (LISBOA, Portugal), Fernando Menezes, Jorge Roldão-Vieira

Combined dual bronchodilator and wearable headset-based exercise training enhance daily activity monitored by wearable watch in COPD

Kuan-Yuan Chen (Taipei, Taiwan), Shu-Chuan Ho, Kang-Yun Lee, Wen-Te Li

BLOOD EOSINOPHILS AND SMOKING HISTORY AFFECT OUTCOME WITH HIGH DOSE N-ACETYLCYSTEINE TREATMENT IN COPD

Alberto Papi (Ferrara, Italy), Guy Brusselle, Francesco Sergio, Marco Pannacci, Jinping Zheng, Gerard Criner

The significance of the adherence to the discharge criteria in patients with acute exacerbation of COPD on early readmission

Zaher Azzam (Haifa, Israel), Gidon Berger, Roni Nasser, Danny Epstein, Rawan Azzam, Itai Gofman, Walid Saliba, Emilia Hardak

Antibiotic therapy of community-acquired pneumonia in the hospital setting: national guidelines and real clinical practice.

Shahboxon Akhmedov (Tashkent, Uzbekistan), Irina Liverko, Natalya Gafner, Ziyoda Akhmedova

Single inhaler triple therapy in patients with advanced COPD (FULFIL): exacerbation/pneumonia composite outcomes

Mark Dransfield (Birmingham, United States of America), David Halpin, Helen Barnacle, Ruby Birk, Noushin Brealey, Chang-Qing Zhu, David Lipson

Low rate of exacerbations following initiation of LABA/LAMA fixed-dose combinations: An analysis of the DACCORD real life study

Claus Vogelmeier (Marburg, Germany), Roland Buhl, Carl-Peter Criée, Peter Kardos, Nadine Lossi, Heinrich Worth

Biomarkers in COPD: Beneficial effects of roflumilast

Iryna Savelikhina (Ivano-Frankivsk, Ukraine), Mykola Ostrovskyy, Kseniia Ostrovska, Mariana Kulynych-Miskiv, Oleksandr Varunkiv, Kostiantyn Shvets

The role of biomarkers and effectiveness of maintenance therapy in stable severe COPD

Iryna Savelikhina (Ivano-Frankivsk, Ukraine), Mykola Ostrovskyy, Kseniia Ostrovska, Oleksandr Varunkiv, Mariana Kulynych-Miskiv, Kostiantyn Shvets

Safety, tolerability, pharmacokinetics (PK), and pharmacodynamics (PD) of AZD7594 after single and multiple ascending inhaled doses in healthy Japanese males

Yingxue Chen (Waltham, MA, United States of America), Hong-Lin Su, Mary Brown, Mats Bjersing, John Steele, Ajay Aggarwal

Rosuvastatin influence on inflammatory and anti-inflammatory cytokines in blood in patients with chronic obstructive pulmonary disease

Elena Samorukova (Moscow, Russian Federation), Andrew Malyavin, Tatiana Adasheva, Vladimir Zadionchenko

Respiratory safety profile of indacaterol/glycopyrronium (IND/GLY) versus salmeterol/fluticasone (SFC): results from the FLAME study

Jadwiga Wedzicha (London, United Kingdom), Claus F. Vogelmeier, Tim Ayers, Petter Olsson, Francesco Patalano, Chau Thach, Robert Fogel, Donald Banerji

12:50 - 14:40

Thematic Poster: Markers of disease progression in COPD

Chairs : Eduardo Márquez Martín (SEVILLA, Spain), Fabiano Di Marco (TREZZANO SUL NAVIGLIO (MI), Italy), Otto Chris Burghuber (Vienna, Austria)

Elevated blood neutrophil levels in GOLD 2017 COPD group D – results from the TIE-study

Jens Ellingsen (Uppsala, Sweden), Marieann Högman, Kristina Bröms, Hans Hedenström, Björn Stållberg, Karin Lisspers, Christer Janson, Andrei Malinovsky

Small airways disease in asthma with-and without- fixed airflow obstruction and COPD

Prapaporn Pornsuriyasak (Bangkok, Thailand), Theerasuk Kawamatawong, Supattra Khiawwan, Sasivimol Rattanasiri, Nattawut Unwanatham, Tananchai Petnak

Short telomere length and its association with risk for COPD and emphysema severity: Korean Obstructive Lung Disease (KOLD) cohort study

Seong Yong Lim (Seoul, Republic of Korea), Ki-Jeong Kim, Won-Yeon Lee, Chin Kook Rhee, Hye Yoon Park, Woo Jin Kim, Yeon-Mok Oh, Sang Do Lee, Kwang Ha Yoo

Emphysematous phenotype is characterized by low eosinophils - a cross-sectional study

Andriana Papaioannou (Vrilissia, Athens, Greece), Konstantinos Kostikas, Papaportfyriou Anastasia, Angelakis Leonidas, Papathanasiou Evgenia, Hillas Georgios, Mazioti Argyro, Bakakos Petros, Koulouris Nikolaos, Papiris Spyros, Loukides Stelios

Serum vitamin D level is associated with emphysema progression in male patients with COPD

Changhwan Kim (Jeju-si, Republic of Korea), Yong Bum Park, Yousang Ko

Frequent exacerbators among patients with COPD - prevalence and stability

Iliya Krachunov (Pleven, Bulgaria), Nikolay Kyuchukov, Zlatina Ivanova, Nikolay Yanev, Petkana Hristova, Plamen Pavlov, Pavlina Glogovska, Tsanya Popova, Yavor Ivanov

Lung function reversibility as a predictor of disease progression in COPD

Linnea Jarenbäck (Gantofta, Sweden), Jaro Ankerst, Leif Bjermer, Ellen Tufvesson

Evolution in the prescription of the therapy combined with ICS-LABA in COPD: TRACE STUDY

Michelle Andrea Espinoza Solano (SEVILLA, Spain), Laura Carrasco, Carmen Calero, Eduardo Marquez, Maria Abad, Francisco Ortega, J.L Lopez Campos

Persistence of clinical criteria of chronic bronchitis in patients with COPD over time: A longitudinal analysis of the TRACE cohort.

Michelle Andrea Espinoza Solano (SEVILLA, Spain), Laura Carrasco, Carmen Calero, Eduardo Marquez, Maria Avad, Francisco Ortega, Jose Luis Lopez Campos

Respiratory parameters predict mortality in COPD patients - data from the Czech multicentre research database of severe COPD.

Kristian Brat (BRNO, Czech Republic), Vladimir Koblizek, Marek Plutinsky, Jaromir Zatloukal, Patrice Popelkova, Tomas Dvorak, Petr Safranek, Ondrej Sobotik, Alena Vlachova, Petr Vanik, Zuzana Liptakova, Lucie Heribanova, Blanka Snelerova, Pavlina Musilova, Maria Majerciakova, Tomas Vencalek, Eva Kocova, Barbora Novotna, Michal Kopecky, Ondrej Kudela, Katerina Neumannova, Eva Volakova, Karel Hejduk, Jan Svancara, Jiri Jarkovsky, Michal Svoboda

Assessment of serum uric acid in COPD exacerbations

Balazs Antus (Budapest, Hungary), Orsolya Drozdovszky, Imre Barta, Zsuzsanna Kelemen, Janos Varga

Assessment of nutrition and muscle mass loss in patients with severe COPD.

Eva Voláková (Olomouc, Czech Republic), Eva Voláková, Jaromir Zatloukal, Marek Plutinsky, Patrice Popelkova, Tomas Dvorak, Petr Safranek, Ondrej Sobotik, Alena Vlachova, Petr Vanik, Zuzana Liptakova, Lucie Heribanova, Blanka Snelerova, Pavlina Musilova, Maria Majerciakova, Tomas Vencalek, Eva Kocova, Barbora Novotna, Michal Kopecky, Ondrej Kudela, Katerina Neumannova, Kristian Brat, Karel Hejduk, Jan Svancara, Jiri Jarkovsky, Michal Svoboda, Vladimir Koblizek

The comparison of eosinophilic and non-eosinophilic stable COPD patients

Gülstan Karadeniz (ZMR, Turkey), Gülstan Karadeniz, Serir Aktogu Özkan, Onur Fevzi Erer, Gülru Polat, Fatma Ücsular, Enver Yalınöz, Melih Büyükerim

Influence of global cardiovascular risk on health related quality of life in patients with Chronic Obstructive Pulmonary Disease. Differences between frequent and infrequent exacerbator phenotype.

Patricia Gutierrez Castano (Malaga, Spain), Adolfo Doménech del Río, Ana Muñoz Montiel, María Jesús Prunera Pardell, Casilda Oliveira Fuster, Miguel Ángel Sánchez Chaparro

Multidimensional assessment in severe asthma: A systematic review

Vanessa Clark (New Lambton Heights, Australia), Peter Gibson, Grayson Genn, Ian Pavord, Vanessa McDonald

Cardiovascular comorbidity in severe COPD patients

Alexa Gabriela Nuñez Dubon (Barcelona, Spain), Alexa Gabriela Nuñez Dubon, Berta Saez, David Clofent, Miriam Barrecheguren, Cristina Esquinas, Antonio Roman, Marc Miravittles

Use of an online selfmanagement program improves self-efficacy abilities in COPD patients

Geertje De Boer, Bianka Mennema, Esther van Noort, Erwin Birnie, Hans in't Veen

Systematic review on the use of bioelectrical impedance analysis in chronic obstructive pulmonary disease

Francesca de Blasio (Pozzuoli, NA, Italy), Paola Alicante, Ada Di Gregorio, Francesco de Blasio, Giulia Miracco Berlingieri, Barbara Bellofiore, Luca Scalfi

Raw bioelectrical impedance variables are predictors of survival in chronic obstructive pulmonary disease

Francesca de Blasio (Pozzuoli, NA, Italy), Luca Scalfi, Ada Di Gregorio, Giulia Miracco Berlingieri, Marina De Martino, Francesco de Blasio

Clinical and inflammatory characteristics of patients with COPD in primary care: an observational study

Mona Bafadhel (Oxford, United Kingdom), Joanne Davies, Helen Jeffers, Simon Cartwright, Christine A'Court, Nick Thomas, Robin Fox

12:50 - 14:40

Thematic Poster: Classifying COPD with multidimensional scores and biomarkers

Chairs : Andriana Papaioannou (Vrilissia, Athens, Greece), Chair to be confirmed

A small-scale trial of home telemonitoring in patients with COPD- The Israeli patient experience

Amir Bar-Shai (TEL-AVIV, Israel), Michal Rotem-Green, Netaly Gross

GOLD 2011 versus GOLD 2017 – What does change?

Ana Raquel Caldas Marçôa (Matosinhos, Portugal), Ana Raquel Caldas Marçôa, Daniela Rodrigues, Inês Ladeira, Ricardo Lima, Ana Paula Vaz, Miguel Guimarães

Revisiting the role of Spirometry in the diagnosis of upper airway obstruction.

Deepthi Laldayal (Thrissur, India)

The use of FENO in COPD: the relationship to pulmonary function tests and its importance in differential diagnosis.

Eugerta Dilka (Tirana, Albania), Eritjan Tashi, Esmeralda Nushi, Dafina Todri, Alma Teferici, Roland Kore, Jeta Beli, Oltion Sina, Jetmira Shehu, Serxho Kolgota, Perlat Kapisyzi, Artana Simaku

Association of elevated CRP and IL-6 with rapid decline in lung function and exacerbation in tuberculosis destroyed lung

Jae Jeong Shim (SEOUL, Republic of Korea), Juwhan Choi, Sangmi Chung, Jong Hyun Choi, Jae Kyeom Sim, Jee Youn Oh, Young Seok Lee, Kyung Hoon Min, Gyu Young Hur, Sung Yong Lee, Kyung Ho Kang

The evaluation of home oxygen saturation for prediction of acute exacerbations of COPD.

Joanna Mi kowska - Dymanowska (ód , Poland), Adam Jerzy Bia as, Pawe Górski, Wojciech Jerzy Piotrowski

Factors associated with severity of exacerbation in COPD

Krishna K Sharma (JAIPUR (RAJASTHAN), India), Titiksha Choyal, Jugal B Gupta

The Correlation of Serum Brain Natriuretic Peptide and Interlukin-6 with Quality of Life using COPD assessment test

Hassan Ghobadi-Marallu (Ardabil, Islamic Republic of Iran), Mohammad Reza Aslani, Adalat Hosseinan, Esmail Farzaneh

What does a highly positive bronchodilator test indicate in a patient with chronic airflow obstruction?

Maria Cerda (Palma, Spain), Jose Luis Valera, Nuria Toledo, Maria Noguera, Rocio Martinez, Susana Romero, Carmen Rendon, Juana Maria Bover, Ernest Sala, Borja G. Cosio

Higher B.O.D.E. Index in COPD patients is correlated with higher risk of exacerbations.

Mohit Bhatia (GHAZIABAD (UTTAR PRADESH), India), Priyanka Dua, J. K. Samaria

Systemic inflammation, blood eosinophils count and lung function in COPD patients

Monica Chirea (RAMNICU SARAT/BUZAU, Romania), Alina Croitoru, Daniela Jipa, Marius Sava, Stefan Dumitrache-Rujinski, Claudia Toma, Emilia Crisan, Miron Bogdan

Role of brain natriuretic peptide (BNP) in clinical and prognostic assessment of COPD patients.

Mujeeb Rahman K. K. (CALICUT (KERALA), India), Samaria J.K, Mohit Batia

Fixed ratio or LLN for defining airflow obstruction in population screening

N. Funda Co kun (Bursa, Turkey), Nilufer Aylin Acet Özturk, Asli Gorek Dilektasli, Ezgi Demirdogen Cetinoglu, Ozge Aydin Guclu, Mehmet Karadag, Esra Uzaslan

Predicting the clinical outcome in COPD:Who fares thebest-BODE,DOSE or ADO

RAJATHILAKAM NADARAJAN KUMARI (KOLLAM, India), KIRAN V N, ANANDAN P T, RAJAGOPAL T P, JAMES P T

Comparison of Fractional Nitric Oxide in Exhaled Breath in bronchial asthma and COPD

Saurabh Mittal (New Delhi, (Delhi), India), Anant Mohan, Karan Madan, Vijay Hadda, Randeep Guleria, Gopi Chand Khilnani, Ravindra Mohan Pandey

Fractional exhaled nitric oxide for eosinophilic inflammation in stable COPD

Yumiko Kashiwagi (Otsu, Japan), Emiko Ogawa, Ruriko Yukimura, Yuichi Higami, Daisuke Kinose, Masafumi Yamaguchi, Makoto Osawa, Taishi Nagao, Yasutaka Nakano

Atrial fibrillation as a relevant comorbidity in patients with acute exacerbation of chronic obstructive pulmonary disease

Stefanie Keymel (DUSSELDORF, Germany), Ann-Sophie Fleischer, Aria Hemat, Stefan Krüger

The impact of the three GOLD severity classifications of COPD (2001, 2011 and 2017) in the same population of patients.

Susana Moreira (LISBOA, Portugal), Catia Oliveira, Dina Escaleira, Richard Staats, João Valença, André Barros, Cristina Bárbara

Prospective study of echocardiography in chronic obstructive pulmonary disease in tertiary hospital

Yunus Ahmed Sheriff (BANGALORE (KARNATAKA), India), Raghupathi Narasimhan

Therapy of COPD based on clinical phenotypes

Jaromir Zatloukal (Olomouc, Czech Republic), Eva Volakova, Marek Plutinsky, Patricie Popelkova, Tomas Dvorak, Petr Safranek, Ondrej Sobotik, Alena Vlachova, Petr Vanik, Zuzana Liptakova, Lucie Heribanova, Blanka Snelerova, Pavlina Musilova, Maria Majerciaková, Tomas Vencalek, Eva Kocova, Barbora Novotna, Michal Kopecky, Ondrej Kudela, Katerina Neumannova, Kristian Brat, Karel Hejduk, Jan Svancara, Jiri Jarkovsky, Michal Svoboda, Vladimir Koblizek

12:50 - 14:40

Thematic Poster: Airway disease and exacerbations**Chairs :** Juan Luis García Rivero (Mogro (Cantabria), Spain), Pierre-Régis Burgel (Paris, France), Joanna Chorostowska-Wynimko (Warsaw, Poland)

Suitability of patients with perceived AECOPD for referral to a COPD unit at a district general hospital
Angela Macfoy (Manchester, United Kingdom), James Killeen, Shawn Ooi, Imran Aziz

Peripheral blood eosinophil counts in COPD patients and its relationship with prescription of inhaled corticosteroid in real world setting in Japan.

Hiroyuki Nagase (Tokyo, Japan), Mariko Ujino, Ayaka Watanabe, Yuta Koizumi, Yusuke Tanaka, Shoki Ro, Michio Kuramochi, Hidenori Arai, Masao Yamaguchi, Ken Ohta

Acinar and bronchial nitric oxide levels in stable and exacerbated COPD.

Zsófia Lázár (Budapest, Hungary), Zsófia Lázár, András Bikov, Ágnes Kelemen, Rita Puszkás, Gabriella Gálffy, Péter Horváth, György Losonczy

COPD non-exacerbator phenotype is associated with current smoking but not with Haptoglobin phenotype

Michal Shteinberg (Haifa, Israel), Sagee Tal, Andrew Levy, Hadar Shalom, Nili Stein, Yochai Adir

Comorbidity related hospitalizations among COPD patients indicated for long-term oxygen therapy

Nikolay Kyuchukov (Pleven, Bulgaria), Iliya Krachunov, Zlatina Ivanova, Nikolay Yanev, Petkana Hristova, Plamen Pavlov, Pavlina Glogovska, Tsania Popova, Ivanov Yavor

Stability of fixed airflow limitation in patients with asthma: 1 year follow-up

Galina Sergeeva (ST PETERSBURG, Russian Federation), Alexander Emelyanov, Eugenia Leshenkova, Antonina Znakhurenko, Svetlana Rebrova, Nana Asatiani

Psychological factors influencing results of Asthma Control Test (ACT)

Marek Przybyszowski (Kraków, Poland), Romuald Polczyk, Agnieszka Sliwka, Rafal Pilinski, Tomasz Wloch, Roman Nowobilski, Grazyna Bochenek, Krzysztof Sladek

Local and systemic nucleic acid damage in COPD exacerbations.

Imre Barta (Budapest, Hungary), Orsolya Drozdovszky, Balázs Antus

Asthma Control Test (ACT) result as a predictor of asthma exacerbations

Marek Przybyszowski (Kraków, Poland), Romuald Polczyk, Agnieszka Sliwka, Rafal Pilinski, Tomasz Wloch, Roman Nowobilski, Grazyna Bochenek, Krzysztof Sladek

Evaluation of asthma control from China national asthma control surveys

Jiangtao Lin (BEIJING, China), Wenqiao Wang, Xin Zhou, Changzhen Wang, Mao Huang, Shaoxi Cai, Ping Chen, Qichang Lin, Jianying Zhou, Yuhai Gu, Yadong Yuan, Dejun Sun, Xiaohong Yang, Lan Yang, Jianmin Huo, Zhuochang Chen, Ping Jiang, Jie Zhang, Xianwei Ye, Huiguo Liu

Does a composite score combining peripheral blood eosinophils (PBE) and exhaled nitric oxide (FeNO) accurately predict a sputum eosinophilia?

Katie Borg (Oxford, United Kingdom), Clare Connolly, Rahul Shrimanker, Gareth Hynes, Mona Bafadhel, Ian Pavord

Breath sound analysis could predict the length of symptomatic days of wheezy children

Katsuhito Iikura (Tokyo, Japan)

Clinical utility of measuring FeNO to assess inhaled corticosteroid response in asthma.

Binu Krishnan (TRIVANDRUM (KERALA), India), S Priya

Baseline serum CCL5 as a predictor for loss of asthma control and exacerbation during step-wise treatment reduction.

Nur Husna Mohd Aminudin (shah alam, Malaysia), Mohamed Faisal Abdul Hamid, Roslan Harun, Andrea Ban Yu-Lin, Azmawati Mohamed Nawi

Comparison of clinical features and outcome in COPD patients with and without heart failure, admitted at tertiary care hospital.

Saadia Ashraf (PESHAWAR, Pakistan), Amber Ashraf

Point of care measurement of eosinophil derived neurotoxin (EDN) as a biomarker of eosinophilic asthma

Simon Young (Melbourn, United Kingdom), Anna Tigerström, Marita Olsson, Magdalena Rhedin, Rabia Hidi, Adam Platt, Glen Hughes, Tim Dwyer, Ravita Kaur

Red blood cell distribution width in patients with chronic obstructive lung disease: how is changed in exacerbation?

Sumeyye Alparslan Bekir (STANBUL, Turkey), Sümeyye Alparslan Bekir, Zuhul Karakurt, Sinem Gungor, Özlem Soğuknar, Baran Gundogus, Emine Aksoy, Eylem Tuncay, Meltem Coban Agca, Murat Yalçınsoy, Sinem Agca Altunbey, Hatice Turker

Markers of severity and inflammatory profile during exacerbations of severe asthma.

Uruj Hoda (St Albans, United Kingdom), Hendrica Zwetsloot, Kentaro Takahashi, Pankaj Bhavsar, Kian Fan Chung, Natalie Mensah

Imbalance of anti-inflammatory (resolving D1) and pro-inflammatory (leukotrien B4) arachidonic acid products in exhaled breath condensate of severe refractory asthma.

Vratislav Sedláč (Hradec Králové 9, Czech Republic), Petr Štěpánek, Petr Kačer, Štěpánka Vlčková

Clinical characteristics and prognostic features in infectious and non-infectious COPD exacerbations

Sibel Atay (Mersin, Turkey), Cavusoglu Gamze, Eylem Sercan Ozgur, Emine Arzu Kanık, Cengiz Özge

12:50 - 14:40

Thematic Poster: Animal models in asthma and allergy

Chairs : Lena Uller (Lund, Sweden), Patricia Ramos-Ramirez (Stockholm, Sweden), Chair to be confirmed

Ex vivo virus infection of HDM-sensitized lung tissue proves inadequate anti-viral immune response in small airways

Olga Danov (HANNOVER, Germany), Lisa Laßwitz, Helena Obernolte, Christina Hesse, Armin Braun, Sabine Wronski, Katherina Sewald

Exacerbation of experimental asthma depends on IL-6 but not on IL-23 or ROR γ t

Lars Lunding (Borstel, Germany), Zane Orinska, Christina Vock, Heinz Fehrenbach, Michael Wegmann

Exacerbation of experimental asthma depends on IL-15 and NK cells

Lars Lunding (Borstel, Germany), Zane Orinska, Christina Vock, Heinz Fehrenbach, Michael Wegmann

The deletion of Bambi attenuates experimental asthma in mice

Christina Vock (Borstel, Germany), Lars Lunding, Gabriele Schramm, Michael Wegmann, Heinz Fehrenbach

A 4-week model of allergic airways inflammation that exhibits the 3 salient features of asthma.

Chung-Wai Chow (Toronto, ON, Canada), Lindsay Woo, Wang Guo, Yuxiang Zhang, Sepehr Salehi, Jeremy Scott

Th22 cells develop independently of the Th17 lineage with unique transcriptional properties and plasticity toward Th1-type cells during Influenza infection

Maximilian Plank (New Lambton Heights, NSW, Australia), Gerard Kaiko, Steven Maltby, Jessica Weaver, Hock Tay, Shen Wei, Mark Wilson, Scott Durum, Paul Foster

Effect of roflumilast on neutrophilic asthma model

Chin Kook Rhee (Seoul, Republic of Korea), Jee Hye Kim, Shin Young Kim, Chan Kwon Park, Hyoung Kyu Yoon

CTLA4-Ig enhanced glucocorticoid effect on murine asthma

Akio Mori (Sagamihara, Kanagawa, Japan), Satoshi Kouyama, Miyako Yamaguchi, Chiemi Kumitani, Akemi Ohtomo-Abe, Yuto Nakamura, Yasuhiro Tomita, Yuto Hamada, Yosuke Kamide, Hiroaki Hayashi, Kentaro Watai, Chihiro Mitsui, Kiyoshi Sekiya, Takahiro Tsuburai, Yuma Fukutomi, Masami Taniguchi, Takayuki Ohtomo, Osamu Kaminuma

Up-regulation of chemically-induced but not mechanically-induced cough during early-phase response to allergen inhalation in ovalbumin sensitized rabbits.

Silvia Demoulin-Alexikova (Vandoeuvre-lès-Nancy, France), Laurent Foucaud, Bruno Demoulin, Anne-Laure Leblanc, Iulia Ioan, François Marchal, Cyril Schweitzer

Effect of Rho-kinase inhibition on complexity of respiratory dynamics in asthmatic guinea pigs

Mohammad Reza Raoufy (TEHRAN, Islamic Republic of Iran), Saeed Pazhoohan, Sohrab Hajizadeh, Mohammad Javan, Ehsan Aref

Ozone and Sensitization Alter Airway and Nerve-associated Eosinophils

Matthew Drake (Portland, United States of America), Katy Lawson, Sarah Wicher, Allison Fryer, David Jacoby

Development of an innovative, Staphylococcus aureus enterotoxin B (SEB)-aided rat model of atopic asthma

David Ramos-Barbon (BARCELONA, Spain), Rubén Osuna Gómez, Eder Fredy Mateus Medina, Vicente Plaza Moral

A rat model of spontaneous, nonatopic bronchial hyper-eosinophilia

David Ramos-Barbon (BARCELONA, Spain), Eder Fredy Mateus Medina, Anna Plana Bonamaisó, Rubén Osuna Gómez, Vicente Plaza Moral

Fel d1 and fel d4 fur, urine and saliva levels in domestic cats

Suzanne Kelly (Ottawa, ON, Canada), William Yang, Jacob Karsh , Jennifer Marcelo, Douglas Boeckh, Bryan Santone, Jimmy Yang

12:50 - 14:40

Thematic Poster: Novel mechanisms in asthma

Chairs : Konstantinos Samitas (ATHENS, Greece), Mikael Adner (Stockholm, Sweden), Marcin Maciej Kurowski (ód , Poland)

Activity of apoptotic and inflammatory caspases in THP-1 cells treated with extracellular Hsp70

Andrea Hulina (Brdovec, Croatia), Martina Bosnar, Marija Grdi Rajkovi , Dubravko Jeli , Daniela Belamari , Lada Rumora

To explore mechanisms in obesity-associated asthma using functional proteomics technology: A pilot study

Zhang Hongping (Chengdu, Sichuan, China), Jing Zheng, Lei Wang, Gang Wang

IL-27 and asthma endotypes- Is there a connection

Kavita Pabreja (Newcastle, Australia), Peter Gibson, Katherine Baines, Fiona Eyers, Ming Yang, Parameswaran Nair, Paul Foster, Jodie Simpson, Katherine Radford

Serum Vitamin D levels in patients with allergic rhinitis and fungal sensitisation

Shekhar Kunal (DELHI (NEW DELHI), India), Bala Krishnan Menon, Ashok Shah

The role of vitamin D in severe asthma

Filipa De Castro Henriques De Lima (Póvoa de Varzim, Portugal), Inês Franco, Catarina Marques, Inês Ladeira, Ricardo Lima, Ivone Pascoal, Aurora Carvalho

Correlation between plasma levels of IL-33 and Vitamin D in patients with severe uncontrolled allergic asthma

Elena Janeva (Skopje, FYROM (Macedonia)), Biserka Kaeva , Gorica Breskovska , Angelko Gjorchev , Zlatica Goseva , Marija Zdraveska , Deska Dimitrievska, Irina Angelkoska, Angela Debreslioska, Gencijana Stevcevska, Dejan Trajkov, Magdalena Dimitrova G

Proteomics analysis of asthma biomarkers: proxima sub-study

Pierluigi Mauri (SEGRATE (MI), Italy), Annamaria Riccio, Rossana Rossi, Fabiana Saccheri, Marta Bartzaghi, dario DiSilvestre, laura rigoni, Giorgio Walter Canonica

Apoptosis of lymphocytes in rhinal secretion of allergic rhinitis patients

Olga Ukhanova (Stavropol, Russian Federation), Indira Ebzeeva, Philip Shcherbinin

Serum levels of IL-6 in adult patients with moderate to severe asthma.

Denitsa Dimitrova (SOFIA, Bulgaria), Vania Youroukova, Tsvetelina Velikova, Kalina Tumangelova-Yuzeit, Spaska Lesichkova

Bronchiectasis disease relevant PAMPs stimulate VEGF and neutrophil elastase release from neutrophils

Christopher Cole (Middlesbrough, United Kingdom), Sonya Carnell, Kasim Jiwa, Jodie Birch, Katy Hester, Chris Ward, John Simpson, Anthony De Soyza

The relationship of serum interleukin-13 to asthma control in a sample of nigerian asthmatics.

Olayemi Fehintola Awopeju (Ile-Ife, Osun State, Nigeria), Lateef Salawu, Oluwasina Salami, Gregory Erhabor

Isosorbide effect on IL-2 and IFN- production in human T lymphocytes

Fatemeh Hajjighasemi (TEHRAN, Islamic Republic of Iran), Abbas Mirshafiey

The characteristics of production TNF- according to the stage of interstitial lung diseases

Mirgolib Rakhimov (Samarkand, Uzbekistan), Nematilla Aralov, Feruz Ahmedov

Clinical validation of Environmental Exposure Chamber in Strasbourg (ALYATEC®) with mite in asthmatic patients

Ibrahim CHOUAL (Strasbourg, France), Frédéric DE BLAY, Carmen RADU, Sarah JILANI, Naji KHAYATH, Nathalie DOMIS, Nicole BECK, Sébastien SMET

Technical qualification of the Environmental Exposure Chamber of Strasbourg (ALYATEC®)

Ibrahim CHOUAL (Strasbourg, France), Naji KHAYATH, Carmen RADU, Nathalie DOMIS, Frederic DE BLAY, Sarah JILANI, Nicole BECK, Sebastien SMET

A naturalistic cat exposure chamber validation

Suzanne Kelly (Ottawa, ON, Canada), William Yang, Jennifer Marcelo, Ammr Al-Houssan, Jimmy Yang, Jacob Karsh

Bronchoobstructive syndrome /BOS/ in the early childhood and asthma at six years of age
Elena Georgieva (SOFIA, Bulgaria)

12:50 - 14:40

Thematic Poster: Lung function, respiratory symptoms and obstructive sleep apnoea

Tag(s) : Smoking prevention and cessation (HLFL)

Chairs : Laura Carrozzi (Pisa, PI, Italy), Ari E. Lindqvist (Helsinki, Finland), Eva Lindberg (Uppsala, Sweden)

The use of mini Wright peak flow meter device as a point-of-care screening tool for obstructive airway disease in resource-limited settings

Radhika Banka (MUMBAI (MAHARASHTRA), India), Ashna Mangharam, Lancelot Pinto

Prevalence of abnormal spirometry in the general population of Lausanne (Switzerland) according to GLI 2012

Alexandra Lenoir (LAUSANNE, Switzerland), Jean-William Fitting, Pedro Manuel Marques-Vidal, Peter Vollenweider, Laurent Nicod

Three-generation effects of tobacco smoking on lung function within the paternal line.

Simone Accordini (VERONA, VR, Italy), Ane Johannessen, Lucia Calciano, Rain Jögi, Jesús Martínez-Moratalla Rovira, Bryndis Benediktsdóttir, Randi Jacobsen Bertelsen, Lennart Bråbäck, Shyamali Dharmage, Francisco Gomez Real, Mathias Holm, Deborah Jarvis, Andrei Malinovsky, Alessandro Marcon, Laura Portas, José Luis Sánchez-Ramos, Cecilie Svanes, Vivi Schlünssen

Residential PM2.5 and greenness may modify the effect of physical activity on lung function

Elaine Fuertes (München, Germany), Iana Markevych, Debbie Jarvis, Bénédicte Jacquemin, Josep M Antó, Gayan Bowatte, Roberto Bono, Margareta Emtner, Thorarinn Gislason, Joachim Heinrich, John Henderson, Ane Johannessen, Nino Künzli, Bénédicte Leynaert, Alessandro Marcon, Silvia Pascual, Johan Sommar, Danielle Vienneau, Judith Garcia-Aymerich

Forced Oscillation Technique (FOT) vs spirometry for assessing the impact of environmental exposure in children.

Laura Maugeri (piossasco, Italy), Stefano Levra, Enrico Mellano, Davide Dassetto, Pavilio Piccioni, Massimiliano Bugiani, Raffele Dellacà, Carlo Gulotta

Characterization of sociodemographic and health characteristics of USA adults with frequent respiratory symptoms

Roy Pleasants (Cary, United States of America), Khosrow Heidari, Jill Ohar, Njira Lugogo, Jim Donohue, Charlie Strange, David Mannino

Controlled human exposure to indoor air, dust, and ozone; XDOZ

Grethe Elholm (Aarhus C, Denmark), Jakob Bønløkke, Vivi Schlünssen, Steffen Loft, Peder Wolkoff, Torben Sigsgaard

Home or school exposures to mold or dampness are related to respiratory symptoms in children

Marzia Simoni (Pisa, PI, Italy), Sandra Baldacci, Mario Canciani, Carlo Pini, Luigia Maria Brunetti, Luciana Indinnimeo, Paolo Carrer, Annibale Biggeri, Piersante Sestini, Sara Maio, Fabio Cibella, Gaspare Drago, Silvia Ruggieri, Giovanni Viegi

Rhinitis Characterisation at 26 Years in the Isle of Wight Cohort

Claire Hodgekiss (Chichester, United Kingdom), Hasan Arshad, Graham Roberts, John Holloway, Susan Grevatt, Ramesh Kurukulaaratchy

Obstructive sleep apnoea and incident diabetes mellitus in a Chinese population

PEIHANG XU (HongKong, Hong Kong), MACY MS LUI, DAVID CL LAM, MARY SM IP, DANIEL YT FONG, CHRISTOPHER KM HUI

Prevalence and characteristics of Sleep Disordered Breathing in a group of 483 patients with type 2 diabetes

Marianne Lescouzeres (Toulouse, France), Kamila Sedkaoui, Alain Didier, Blandine Tramunt, Hélène Hanaire

Obstructive sleep apnea and renal function in the Chilean adult population

Juan Carrillo (SANTIAGO, Chile), Eduardo Lorca, Carmen Gloria Bezanilla, Ivonne Orellana, Carolina Urbano

Impact of gender and hormonal status on the prevalence and comorbidities of sleep-disordered breathing

Raphael Heinzer (LAUSANNE, Switzerland), Helena Marti-Soler, Pedro Marques-Vidal, Peter Vollenweider, Gerard Waeber, Martin Preisig, José Haba-Rubio

Etiological factors of chronic cough in children: Don't ignore obstructive sleep apnea

Nazan Çobanoğlu (ANKARA, Turkey), Nisa Eda Cullas Ilarslan, Fatih Gunay, Zehra Sule Haskoğlu, Sevgi Köstel Bal, Zahide Ciler Tezcaner, Ceyda Tuna Kirsacılıoğlu, Selma Firat, Cansu Altuntas, Bulent Ciftci, Ozan Bagis Ozgursoy,

Obstructive sleep apnea: findings from the Chilean National Health Survey 2010

Juan Carrillo (SANTIAGO, Chile), Claudio Vargas, Ariel Cisternas, Pedro Olivares-Tirado

Apparent increase in Mortality amongst Men with Bronchiectasis is principally due to cigarette smoking.

Simon Finch (Perth, United Kingdom), James Chalmers, Mellisa McDonnell, Pieter Goeminne, Anthony De Soyza, Aliberti Stefano

Association between air pollution and hospitalizations for bronchiectasis in Badalona (Barcelona), Spain (2007-2015)

dan sanchez berenguer (Badalona, Spain), Ignasi Garcia Olive, Joaquim Radua, Agnes Hernandez Biette, Patricia Raya Marquez, Silvia Fernandez Serrano, Joan Ruiz Manzano, Carlos Martinez Rivera, Zoran Stojanovic

Prevalence of respiratory symptoms among university students in Belgrade

Branislava Milenković (Beograd, Republic of Serbia), Snezana Radic, Snezana Stojanovic-Ristic, Jelena Cvejic, Jelena Jankovic, Sanja Dimic-Janjic, Daliborka Ilic

Derivation and validation of a simplified equation to screen for obstructive airway disease (OAD), in resource limited settings, using a handheld peak flow meter

Lancelot Pinto (Montréal, QC, Canada), Radhika Banka, Ashna Mangharam

12:50 - 14:40

Thematic Poster: COPD; from screening to risk factors for lung cancer

Chairs : Marjolein Brusse-Keizer (Enschede, Netherlands), Chair to be confirmed

Validation of the PUMA score for detecting COPD in a primary care population at the Hospital Maciel, Montevideo

Cecilia Rodríguez (Montevideo, Uruguay), Cecilia Rodríguez, Maria Victorina Lopez Varela, Maria Montes de Oca, Filip Surmont, Fernando Wehrmeister, Edilberto Pacheco, Ana María Menezes

Costs and health-related quality of life in COPD patients with α -1-antitrypsin deficiency: results of the COSYCONET cohort

Margarethe E. Wacker (Neuherberg, Germany), Florian M. Karl, Rolf Holle, Robert Bals, Timm Greulich, Rudolf A. Jörres, Annika Karch, Stefan Karrasch, Armin Koch, Reiner Leidl, Holger Schulz, Claus Vogelmeier

Greater progression of COPD in low income ever-smokers

Katherine Lowe (Golden, United States of America), Barry Make, James Crapo, Carlos Martinez, Greg Kinney, Victor Kim, Anand Iyer, Surya Bhatt, Karin Hoth, Kristen Holm, Robert Wise, Marilyn Foreman, Elizabeth Regan

Predicting admission, a descriptive analysis of acute exacerbation chronic obstructive pulmonary disease (AECOPD) in the emergency department: a retrospective cohort study

Tessa Pletting (Leiden, Netherlands), Tessa Nizet, Harry Heijerman

Prediction models for the development of COPD: a systematic review

Gayana Bowatte (Reservoir, Australia), Melanie Matheson, Jennifer Perret, Adrian Lowe, Chamara Senaratna, Graham Hall, Peter Sly, Nicholas de Klerk, Christine McDonald, Michael Abramson, Shyamali Dharmage

Hand grip strength is associated with fatigue in COPD

Viktor Johansson Strandkvist (Boden, Sweden), Anne Lindberg, Caroline Stridsman, Agneta Larsson, Helena Backman, Mikael Andersson

HDL serum levels are significantly lower in patients with COPD than in never-smokers

David Jungck (Berlin, Germany), Marleen Isabelle Zickfeld, Thorsten Albuscheit, Erna Brandenburger, Jürgen Knobloch, Andrea Koch

Who participates in a bronchoscopy study, and why?

Einar Marius Hjellevstad Martinsen (BJOA, Norway), Elise Orvedal Leiten, Tomas Mikal Lind Eagan, Per Sigvald Bakke, Sverre Lehmann, Eli Nordeide, Øistein Svanes, Ingvild Haaland, Gunnar Husebø, Rune Grønseth

Trends in prevalence of COPD in Greater Glasgow and Clyde: relationships with age, sex and socioeconomic status

Marianne Milligan (Glasgow, United Kingdom), Katie Levin, Dave Anderson, Suzanne Marshall, David Raeside

Development a self-scored COPD screening questionnaire in a general Japanese population

Takuya Samukawa (Kagoshima, Japan), Go Tsukuya, Akifumi Uchida, Keiko Mizuno, Chihaya Koriyama, Satoru Fukuyama, Koichiro Matsumoto, Toshiharu Ninomiya, Hiromasa Inoue

Population Screening for COPD: A comparison of COPD Patient Screener and CAPTURE

Asl Görek Dilekta 1 (ANKARA, Turkey), Asl Görek Dilekta 1, Nilufer Aylin Acet Ozturk, Ozge Aydin Guclu, Ezgi Demirdogen Cetinoglu, Funda Coskun, Esra Uzaslan, Mehmet Karadag

COPD incidence in subjects with risk factors, chronic respiratory symptoms and normal spirometry: The PLATINO study

Efrain Sanchez Angarita (Caracas, Distrito Capital, Venezuela), Maria Montes de Oca, Ignacio Zabert, Fernando Wehrmeister, Ana Menezes

COPD severity using GOLD 2017 in real life: The French Palomb Cohort

Chantal Raheison-Semjen (PESSAC, France), El-Hassane Ouaalaya, Laurent Falque, Marielle Sabatini, Jean-Michel Dupis, Alain Bernady, Laurent Nguyen, Cecilia Nocent-Eijnaini, Frederic Le Guillou, Christophe Roy, Elodie Blanchard, Jean Moinard, Julien Casteigt, Emilie Berteaud, Mathieu Molimard, François Pellet, Annaig Ozier

Risk factors for lung cancer in COPD

Gunnar Reksten Husebø, Per Sigvald Bakke, Jon Hardie, Rune Grønseth, Tomas Mikal Lind Eagan

The prevalence of Chronic Obstructive Pulmonary Disease (COPD) in Sri Lanka:outcome of the BOLD study

(,), Lakmali Amarasiri, Wathsala Gunasinghe, Aflah Sadikeen, Amitha Fernando, Dushantha Madegedara, Rajitha Wickramasinghe

Elevated blood eosinophils on admission for a severe exacerbation of COPD is not a predictor for survival

Emanuel Citgez (Wierden, Netherlands), Job van der Palen, Paul van der Valk, Marjolein Brusse-Keizer

The prevalence and clinical characteristics of asthma–COPD overlap syndrome (ACOS) in patients with COPD

Ivan Cekerevac (Kragujevac, Republic of Serbia), Ljiljana Novkovic, Zorica Lazic, Marina Petrovic, Vojislav Cupurdija, Bojan Djokic, Ivona Novkovic

12:50 - 14:40

Thematic Poster: Case reports and series

Tag(s) : Smoking prevention and cessation (HLfL)

Chairs : Piero Maestrelli (Padova, PD, Italy), Mona Lärstad (Gothenburg, Sweden), Subhabrata Moitra (KOLKATA (WEST BENGAL), India), Ozlem Goksel (Izmir, Bornova, Turkey)

Cases series on nontuberculous mycobacterial (NTM) lung disease and silicosis in Brazil

Diana Arrais de Souza Rangel (São Paulo, Brazil), Marcos Vinicius Fernandes Garcia, Rafael Futoshi Mizutani, Roberta Karla Barbosa Sales, Ubiratan de Paula Santos, Mário Terra-Filho

Silicosis with acute renal injury and glomerulonephritis: a case report

Fernanda Coccolin (São José dos Campos, Brazil), Fernando Soares, Rafael Mizutani, Cristiane Dias, Marcos Garcia, Mario Terra-Filho, Ubiratan Santos, Rafaela Pinheiro

Occupational Asthma due to Food Allergy in a Madagascan Cook

Cordula Bittner (HAMBURG, Germany), Alexandra Marita Preisser, Volker Harth

Kerosene aspiration pneumonitis: A potential differential diagnosis of pleuritic chest pain in rural set up.

Venkatesh Gopalrao Deshpande (, India)

Hypersensitivity pneumonitis in a fish-processing worker – use of specific inhalation challenge as a diagnostic tool

Cecilie Svanes (BERGEN, Norway), Jorunn Kirkeleit, Øistein Svanes, Randi J. Bertelsen, Tor B. Aasen

Influence of the etiological factor on character of respiratory disorders in EAA

Galina P. Orlova (ST PETERSBURG, Russian Federation), Marina J Kameneva

Harvesting burnt sugarcane is associated with rhinitis symptoms

Marceli Rocha Leite (PRESIDENTE PRUDENTE/SP, Brazil), Dirce Zanetta, Dionei Ramos, Iara Trevisan, Emmanuel Burdmann, Ubiratan Santos

Respiratory health hazards among laundry workers at Assiut University Hospitals, Egypt

Ayah Atef Alkarn (ASSIUT, Egypt), Hussein Hassan Zayet, Eman Morsy Mohammed, Hebat-Allah Gamal El-Din Rashed, Ahmed Atef Alkarn

Greenhouse workers' occupational asthma and rhinitis caused by parasitoids

Irmeli Lindström (HELSINKI, Finland), Katri Suuronen, Hille Suojalehto

Allergic bronchopulmonary aspergillosis as an occupational disease - special risk in waste management

Alexandra Marita Preisser (HAMBURG, Germany), Volker Harth

The clinical survey of lettuce-associated respiratory symptoms.

Reina Sekiya (Kobe, Japan), Tatsuya Nagano, Haruko Shinke, Kyosuke Nakata, Masatsugu Yamamoto, Motoko Tachihara, Hiroshi Kamiryo, Kazuyuki Kobayashi, Yoshihiro Nishimura

Prevalence of allergic rhinitis symptoms among Tunisian textile industry workers

Maher Maoua (Sousse, Tunisia), houda Rouis, Sana Aissa, Imen Kacem, Sana Guedri, Wided Boughattas, Aicha Brahem, Houda Kalboussi, Olfa El Maalel, Souheil Chatti, Néjib Mrizak

Infant Lung Function and Exposure to Oxides of Nitrogen in a South African birth cohort

Nithiseelan Rajen Naidoo (DURBAN, South Africa), Prakash Jeena, Sheena Muttoo, Kareshma Ramcharan, Visva Naidoo

Prevalence of occupational exposure to lung carcinogens in a consecutive case-series in a Milan University Hospital

Lorenzo Bordini (Milano, Italy), Valeria Paticchia, Ilaria Zucca, Monica Bogni, Claudia Bareggi, Davide Tosi, Dario Consonni, Matteo Bonzini, Luciano Riboldi

Short-term prognosis of sensitizer-induced occupational asthma

Hille Suojalehto (HELSINKI, Finland), Pirjo HöLttä, Irmeli Lindström

Retrospective clinico-morphological and dosimetry characterisation of lung cancer patients - clean-up workers of Chernobyl NPP accident in remote postaccidental period

Stanislav Ustinov (Kiev, Ukraine), Viktor Sushko, Sergiy Klymenko, Olena Kolosynska, Jana Berestjana

Radiation induced Bronchopulmonary System Effects in the Cleanup Workers of the Chornobyl NPP Accident (1986–2016)

Viktor Sushko (Kyiv, Ukraine), Ölena Kolosynska, Olena Apostolova

Pulmonary function changes after chemotherapy and radiotherapy for Lymphoma.

Lyudmila I. Shvayko (Kyiv, Ukraine), Kostiantyn Bazyka, Irina Kryachok

12:50 - 14:40

Thematic Poster: Smoking, apnoea, infection, allergens, and other factors

Tag(s) : Smoking prevention and cessation (HLfL)

Chairs : Jennifer Louise Hoyle (West Yorkshire, United Kingdom), Thibaud Soumagne (BESANCON, France), Chair to be confirmed

The frequency of chronic obstructive pulmonary disease in health-care workers who smoke

Aleksandar Bokan (Sremska Kamenica, Republic of Serbia), Ivan Kopitovic, Ilija Andrijevic, Miroslav Ilic, Dragana Milicic, Marija Vukoja, Sanja Marinkovic

Electronic cigarette in smoking cessation.

Mateusz Jankowski (Sulechów, Poland), Grzegorz Brojek, Jan Zejda, Agnieszka Jarosińska, Agnieszka Idzik, Paulina Majek

Respiratory Symptoms and Lung Function Depend on Smoking Status and Environmental Conditions

Rainer G. Wiewrodt (Münster, Germany), Bianca Hoepfner, Lars Henning Schmidt, Karlheinz Blackert, Felix FJ Herth

Driving commercial vehicle as a risk factor for obstructive sleep apnea

Denis Vinnikov (Bishkek, Kyrgyzstan), Daniel Schwartz, Paul Blanc

Obstructive sleep apnea syndrome and work ability

Mariarita Stendardo (FERRARA, Italy), Michela Schito, Valeria Casillo, Elisa Maietti, Francesco Stomeo, Licia Ballerin, Piera Boschetto

Geographic distribution of nontuberculosis mycobacteria patients associated with residential places and environmental factors in Iran

Hanieh Baghaei Shiva (TEHRAN, Islamic Republic of Iran), Parvaneh Baghaei, Payam Tabarsi

Risk of tuberculosis for children living in areas most affected by the Chernobyl disaster

Larissa Gorbach (MINSK, Belarus)

Risk assessment of occupational tuberculosis and laboratory practice among laboratory health workers in two selected states in Nigeria

Adekunle Adeoti (Ado-Ekiti, Nigeria), Olufemi Desalu, Joseph Fadare

Influence of influenza vaccination on workers' health

Sergey Semizhon (MINSK, Belarus), Volha Kardash, Nikolai Kovshel

Differences in lung function between petroleum refinery workers and employees engaged in platinum catalysts manufacturing

Dragan Mijakoski (Skopje, FYROM (Macedonia)), Jovanka Karadzinska-Bislimovska, Sasho Stoleski, Jordan Minov, Aneta Atanasovska

Identificated exposures and its consequences on employment in patients with occupational asthma

Feki Walid (SFAX, Tunisia), Kammoun Nesrine, Bahloul Najla, Hajjaji Mounira, BEN SALAH Béchir, Kammoun Samy, JMAL HAMMAMI Kaouthar, Kallel nessrine

Identification and characterization of maize-specific pollen allergens

Cordula Bittner (HAMBURG, Germany), Marcial Velasco Garrido, Volker Harth, Ulrike Peters, Reinhold Brettschneider

Prognostic model for accelerated decline in lung function due to occupational sensitizers: SAPALDIA study.

Jacques Pralong (Genève, Switzerland), David Miedinger, Eva Suarhana, Dirk Keidel, Anna Beckmeyer-Borowko, Christian Schindler, Nicole Probst-Hensch, Amar Mehta

Outdoor mold spore levels and drug consumption for drug treated seasonal allergic rhino-conjunctivitis (TSAR): a 6-year study in France

Mathieu Cheriaux (Clermont Ferrand, France), Denis Caillaud

Effects of human activities and air purification on concentrations of airborne microorganisms and particles in a bronchoscopy room.

Jian Wu (Guangzhou, Guangdong province, China), Hong An, Qiong Li, Pingping Chen, Dongfeng Li, Xinglin Gao

Worldwide correlations of deaths from chronic respiratory diseases and carbon-dioxide emissions per capita

Konstantinos Votis (Patra, Greece), Dimitrios Kikidis, Dimitrios Tzovaras

A life history calendar to map lung health risk exposures: pilot study

Lok Sze Katrina Li (Adelaide, Australia), Catherine Paquet, Kylie Johnston, Peter Frith, Marie Williams

12:50 - 14:40

Thematic Poster: Passive smoking and epidemiology**Tag(s)** : Smoking prevention and cessation (HLfL)**Chairs** : Constantine Vardavas (Athens, Greece), Sofia Belo Ravara (Covilhã, Portugal)**Trends in exposure to secondhand smoke in the European Union, 2009-2014**

Filippos T. Filippidis (London, United Kingdom), Constantine I. Vardavas

Online survey on addressing passive smoke exposure in children: the pediatrician counseling practice

Stefania La Grutta (Palermo, PA, Italy), Luigi Morcaldi, Giampietro Chiamenti, Salvatore Fasola, Giovanna Cilluffo, Renato Cutrera

Smoking behaviour among medical students and tobacco marketing at college parties: A cross-sectional study in Portugal.

Sofia Belo Ravara (Covilhã, Portugal), Rosa Soares, Pedro Aguiar

Mandatory plain cigarette packaging has not increased illicit tobacco trade in Sydney, Australia

Matthew Peters (Concord, Australia), Miriam Saffron, Madeleine Peters

Smoking in Cars with Children, Antalya-Turkey

Hilal Özcebe (Ankara, Turkey), Hilal Özcebe, Duygu Akçay

Where and how to educate the COPD patient? – learnings of a multicentre RCT

Mate Olah (Vac, Hungary), Melinda Nyiro, Katalin Kontz, Agnes Meszaros

Smoking and dyspnea severity in patients with chronic obstructive pulmonary disease

Roxana Maria Pleava (Timisoara, Romania), Stefan Frentz, Alexandru Ciotlos, Iosif Marincu, Lucretia Udrescu, Mihai Udrescu, Stefan Mihaicuta

The effect of smoking on the quality of life in physically disabled athletes

Begum Unlu (ISTANBUL, Turkey), Aysel Yildiz, Ufuk Yurdalan

Acute respiratory and vascular responses to environmental tobacco smoke

Hanns Moshhammer (WIEN, Austria), Dina Boroda

Correlations of endobronchial nitric oxide metabolites levels and the cardiopulmonary exercise testing parameters in young male smokers

Svetlana K. Soodaeva (Moscow, Russian Federation), Larisa Postnikova, Nailja Kubysheva, Timur Li, Igor Klimanov, Liliya Murakaeva, Lidiya Nikitina

What is the doctors' attitude towards tobacco?

Hanene Smadhi (ARIANA, Tunisia), Ikbel Khalfallah, Mohamed Lamine Megdiche

Smoking habit re-signification: a new view upon the addiction

Maria Da Penha Uchoa Sales (FORTALEZA/CE, Brazil), Silvana Souza Ferreira P Cunha, Cristina Cesar Praça Brasil

Children at risk for passive smoking at homes, Antalya-Turkey

Hilal Ozcebe (Ankara, Turkey), Hilal Özcebe, Duygu Akçay

The smoking status and knowledge of pregnant smokers in Greece

Athina Diamanti (Pefki, Greece), Vasilios Raftopoulos, Katerina Lykeridou, Sotiria Schoretsaniti, Christina Gratziou, Paraskevi Katsaounou

Brief Intervention for Smoking Cessation for Women During the Gestational Period and After Delivery

Andre Bertani (Botucatu, Brazil), André Bertani, Laura Caram, Renata Ferrari, Suzana Tanni, Irma Godoy

Smoking during pregnancy

Milena Adina Man (CLUJ-NAPOCA/ CLUJ, Romania), Cristian Oancea, Andrei Lesan, Bianca Domokos, Nicoleta Motoc, Monica Pop

Smoking prevalence in UK hospital admissions from a national observational study

Zaheer Mangera (Hertfordshire, United Kingdom), Anna Lewis, John Hutchinson, Laura Searle, Sanjay Agrawal

Smoking habits in hospitalized patients in a pulmonology department–what changed in six years?

Ines Lourenco Farias Carrilho De Oliveira (Almada, Portugal), Rafaela Campanha, Marta Fradinho, Cristina Matos, Fernando Nogueira

12:50 - 14:40

Thematic Poster: Smoking cessation

Tag(s) : Smoking prevention and cessation (HLfL)

Chairs : Bertrand Dautzenberg (PARIS, France), Chair to be confirmed

Factors affecting the success of smoking cessation treatment in a smoking cessation clinic

Derya Kocakaya (ISTANBUL, Turkey), Ehnaz Olgun Yildizeli, Hatice Enol, Sezer Aslan, Ahmet Mahmut Çarako lu, Merve Nur Çakar, Hatice Telci, Mehmet Zahid Çetinkaya, Ayşe Nilüfer Özyıldırım, Berrin Başcı Ceyhan

Smoking cessation in the hospital setting: a systematic review and meta-analysis

Zoe Kopsaftis (Woodville South, Australia), Joseph van Agteren, Kristin Carson, Tim O'Loughlin, Brian Smith

Smoking Cessation in Europe: Trends in methods used in the European Union between 2012 and 2014

Constantine Vardavas (Athens, Greece), Filippos Filippidis, Anthony Laverty, Ute Mons, Carlos Jimenez-Ruiz

Evaluation of a central hospital smoking cessation program: an 8-year retrospective study

Joana Sofia Vicente De Carvalho (Bobadela LRS, Portugal), Inês Oliveira, Ana Alves Santos, Inês Ribeiro, Rafaela Campanha, Marta Fradinho, Cátia Guimarães, Cristina Matos, Fernando Nogueira

Outcomes of smoking cessation interventions in older adults: Experience of Hopa State Hospital

Dilek Karadoğan (ARTVİN, Turkey), Özgür Önal, Deniz Saygıhan, Sonnur Yazıcı, Yalçın Kanbay

Smoking cessation of respiratory patients

Liliya Belenko Gentet (Drucourt, France), Michel Vicaire"

Differences between smokers who did not start smoking cessation treatment and those who did it.

Raul Godoy Mayoral (ALBACETE, Spain), Javier Cruz Ruiz, Marta Genovés Crespo, Ana Isabel Torno Molina, Abel Jesús Martínez García, Francisco J Agustin Martínez, José Alfonso García Guerra, Wanda Almonte, Nuria Gutiérrez González, Francisco Javier Callejas González

Effectiveness of a one-day training seminar on smoking cessation on health care professionals knowledge

Constantine Vardavas (Athens, Greece), Francisco Lozano, Cornel Radu-Loghin, Sissy Peleki, Dominick Nguyen, Andrea Glahn, Arusyak Harutyunyan, George Bakhturidze, Antigona Trofor, Andrei Demin, Otto Stoyka, Panagiotis Behrakis

Smoking status, knowledge and attitudes toward smoking cessation among general hospital worker

yeji han (Seoul, Republic of Korea), eunmi chun

What factors influence non-adherence to smoking cessation support programs?

Nagihan Durmu Koçak (ISTANBUL, Turkey), Ulku Aka Akturk

Effectiveness of a personalized smoking cessation counseling program in patients with oral cancer: preliminary results

Ionela-Alina Grosu (Iasi, Romania), Eduard Grigoriu, Letitia Trofor, Ioana Buculei, Cristina Vicol, Antigona Carmen Trofor

Perception of smoking cessation resources and practices- a cross-sectional study in Portugal.

Sofia Belo Ravara (Covilhã, Portugal), Fatima Bragança, Pedro Aguiar

An analysis determining the role of the physicians on cessation of cigarette smoking on the basis of medical specialisation

Seyhan Dülger (BURSA, Turkey), Seyhan Dülger, Canan Doğan, Özlem Sengoren Dikis, Eylem Yıldırım, Utku Tapan, Bekir Ozmen, Birsen Sahin Satilmis, Selim Intepe, Birsen Ocakli, Cevriye Yukselkacan, Ersin Budak, Tekin Yildiz

Factors affecting quitting success in patients attending a smoking cessation program

Joana Sofia Vicente De Carvalho (Bobadela LRS, Portugal), Inês Oliveira, Ana Alves Santos, Inês Ribeiro, Rafaela Campanha, Cátia Guimarães, Marta Fradinho, Cristina Matos, Fernando Nogueira

Smoking cessation program in hospitalized patients: evaluation and quit success results of a new program in Uruguay

Verónica Torres (Montevideo, Uruguay), Mariana Diaz, Raquel Monteghirfo, Lucia Silveira, Gonzalo Pazos, Daiana Garcia

Abandonment of a smoking cessation consult: a 9-year experience

Ana Santos (Porto, Portugal), Joana Carvalho, Rafaela Campanha, Inês Ribeiro, Cátia Guimarães, Marta Fradinho, Cristina Matos, Fernando Nogueira

How much information do the smokers have about smoking related diseases and ways of smoking cessation? Results of survey done on World COPD Day, 2016

Esra Uzaslan (Bursa, Turkey), Asli Gorek Dilektasli, Ozge Aydin Guclu, Nazan Nalci Savas, Ezgi Demirdogen Cetinoglu, Mehmet Karadag

Overweight after tobacco cessation.

Miguel Barrueco Ferrero (Salamanca, Spain), Javier Pérez-Rodríguez, Enrique Barrueco-Otero, Marco López-Zubizarreta, Maria Bartol-Sánchez, Miguel Angel Hernández-Mezquita, Pablo Alvarez Vega

Temporal trends in smoking cessation in Europe from 1980 to 2010.

Giancarlo Pesce (VERONA, VR, Italy), Alessandro Marcon, Lucia Calciano, Michael Abramson, Roberto Bono, Jean Bousquet, Shyamali Dharmage, Alessandro Fois, Christer Janson, Deborah Jarvis, Rain Jögi, Dennis Nowak, Vivi Schlünssen, Isabel Urrutia Landa, Simona Villani, Torsten Zuberbier, Cosetta Minelli, Simone Accordini

QUALITY OF LIFE IN SMOKERS FOLLOWING SMOKING CESSATION TREATMENT

Despoina Chatzilia (ATHENS, Greece), Stamatina Stratouli, Athanasios Stamatellopoulos, Ioannis Alamanos, Petros Mihos, George Fildisis

12:50 - 14:40

Thematic Poster: What is new in respiratory and sleep physiology

Chairs : Padmaja Subbarao (Toronto, ON, Canada), Shannon Simpson (Perth, WA, Australia), Chair to be confirmed

Lung function in survivors of congenital diaphragmatic hernia at school age

Malena Aldeco (Ljubljana, Slovenia), Marina Praprotnik, Maja Pavnik, Matevž Srpič, Uroš Krivec

The effect of individualized exercise program on lung function and physical functioning among CF adolescents

Fotios Kirvassilis (Oraiokastros, Greece), Elpida Hatziazorou, Stavros Giannakoulakos, Asterios Kampouras, Evaggelia Kouidi, Asterios Deligiannis, John Tsanakas

Respiratory impedance in children with severe asthma

Enrico Lombardi (FIRENZE, Italy), Grazia Fenu, Attilio Turchetta, Antonio Di Marco, Stefania La Grutta, Giovanna Cilluffo, Paola Alga, Emanuela di Palmo, Valeria Caldarelli, Silvia Montella, Franca Rusconi, Renato Cutrera, Salvo Fasola

Oscillometry reference values in preschool children

Enrico Lombardi (FIRENZE, Italy), Marta Bacciarini, Guido Giannini, Claudia Calogero, Alessandro Gobbi, Raffaele Dellaca'

Validation of the Global Lungs Initiative (GLI)-2012 spirometry reference equations in Argentinian children

Luciano Enrique Busi (Trelew, Chubut, Argentina), Lisandro Torre, Sebastián Restuccia, Peter David Sly

Outcome of multiple breath washout (MBW) in healthy children using two different gases (N₂ and SF₆) with the same equipment

Anders Lindblad (Göteborg, Sweden), Monica Rosberg, Paul Robinson, Per Gustafsson

Oxygen-induced hypoventilation during nitrogen multiple breath washout technique in young infants from the SEPAGES cohort

Isabelle Pin (GRENOBLE, France), Valentin Paran, Joane Quentin, Sarah Lyon-Caen, Johanna Lepeulle, Yoann Gloria, Assia Benlakhryfa, Sam Bayat, Rémy Slama, Valérie Siroux, Asma Fares

Multiple breath washout outcomes in infants are setup-dependent

Pinelepi Anagnostopoulou (Bern, Switzerland), Anne-Christianne Kentgens, Marisa Guidi, Insa Korten, Florian Singer, Philipp Latzin

Are home sleep studies useful in diagnosing obstructive sleep apnea in children with Down syndrome?

Nilay Bas Ikizoglu (ISTANBUL, Turkey), Esen Kiyani, Beldan Polat, Pinar Ay, Bulent Karadag, Refika Ersu

Sleep disordered breathing (SDB) in children with Pierre Robin sequence (PRS)

Payal Mandaliya (Campbelltown, Australia), Bruce Whitehead, Laurence Roddick

Obstructive Sleep Apnea (OSAS) in a clinical cohort of children. Atlantis Study

Maria Luz Alonso Alvarez (BURGOS, Spain), Jose Aurelio Cordero Guevara, Ana Navazo Egüia, Estrella Ordax Carbajo, Carmen Muñoz Pelaez, Blanca Barriuso Esteban, María Jesús Coma Del Corral, Joaquín Terán Santos

Can the analysis of in-built software of CPAP replace polygraphy in children?

Sonia Khirani (Paris, France), Vincent Delord, Jorge Olmo Arroyo, Livio De Sanctis, Annick Frapin, Alessandro Amaddeo, Brigitte Fauroux

Inspiratory muscle recruitment during dynamic inspiration in healthy children

Sandra Chuang (Sydney, NSW, Australia), Billy Luu, Jane Butler, Simon Gandevia, Adam Jaffe

Determining nocturnal respiratory rate by acoustic means in children

Volker Gross (GIESSEN, Germany), Patrick Fischer, Marcel Geis, Lisa Gross, Christof Urban, Andreas Weissflog, Keywan Sohrabi, Simon Hofmann

Pulse oximetry and cerebral oxygenation in children with severe sleep apnea-hypopnea syndrome

Alessandro Amaddeo (Paris, France), Jorge Olmo, Sonia Khirani, Lucie Griffon, Philippe Pouard, Brigitte Fauroux

Predictors of sleep duration among school children – a pilot study

Mohd Izzuan Ishak (Kuala Lumpur, Malaysia), Hasniah Abdul Latif, Asiah Kassim

Is one night of screening oximetry sufficient for OSA?

Niamh Galway (Belfast, United Kingdom), Barbara Maxwell, Dara O'Donoghue, Michael Shields

What is the minimum duration of nocturnal oximetry to screen for obstructive sleep apnoea in children?

Niamh Galway (Belfast, United Kingdom), Barbara Maxwell, Michael Shields, Dara O'Donoghue

Automated detection of childhood sleep apnea using discrete wavelet transform of nocturnal oximetry and anthropometric variables

Andrea Crespo Sedano (Valladolid, Spain), Fernando Vaquerizo-Villar, Daniel Álvarez, Gonzalo César Gutiérrez-Tobal, Verónica Barroso-García, Ana Cerezo, Graciela López, Leila Kheirandish-Gozal, David Gozal, Roberto Hornero, Félix Del Campo

12:50 - 14:40

Thematic Poster: Paediatric asthma: therapies and comorbidities

Chairs : Erol Gaillard (Leicester, United Kingdom), Elin Kersten (Groningen, Netherlands), Ozge Yilmaz (Manisa, Turkey)

Respiratory rehabilitation in children with severe asthma. Preliminary results

Soledad Montes (santiago, Chile), Dina Contreras, Daniela Ulloa, Pamela Martinez, Hugo Cerda

Prednisolone for preschool children presenting with acute wheeze: A multicentre RCT.

Stuart Dalziel (Auckland, New Zealand), Owen Sinclair, Michael Shepherd, Jocelyn Neutze, Adrian Trenholme, Eunicia Tan, Alexandra Wallace, Christine Brabyn, Megan Bonisch, Naomi Grey, David McNamara, John Thompson, David Johnson, Innes Asher

Intermittent therapy with budesonide/formoterol in children with moderate asthma.

Svetlana Shatalina (MOSCOW, Russian Federation), Natalya , Anita Denisova, Veronika Denisova, Natalya Kolosova

Cost of sublingual bacterial vaccines in the treatment of asthma in children.

Anna Bodajko-Grochowska (Lublin, Poland), Andrzej Emeryk, Dawid Lahutta, Ma gorzata Bartkowiak-Emeryk, Ewa Markut-Miot a , Magdalena Kowalska, Ewa Chojna, Zbigniew Raus

Phenotypes of young adults transitioning from paediatric to adult asthma services

Gareth Jones (Ellesmere Port, United Kingdom), Paul Griffiths, Maeve Middleton, Andrew Ross, Helen James, Hassan Burhan

"Mediterranean Diet association with inflammatory process in children with asthma"

MARIA-IOANNA THANOPOULOU (ATHENS, Greece), KONSTANTINOS DOUROS, BARBARA BOUTOPOULOU, ANNA PAPADOPOULOU, ACHILEAS ATILAKOS, ANASTASIOS PAPADIMITRIOU, KOSTAS PRIFTIS

Vitamin D and cathelicidin serum levels in children with infection induced asthma

Amany M. Abd Al-Aziz (CAIRO, Egypt), Hanan M. Hamed, Ayat A. Motawie, Amal Abou El-Ezz , Mona A.M. Awad, Rasha N. Yousef

Wheezing and Lung infection in school children and response to antibiotic treatment

Ivana Vidanovic (Niš, Republic of Serbia), Svetlana Kamenov, Milan Tosic

The impact of targeted therapy in children with uncontrolled allergic persistent severe asthma and nasal polyps

Elena Vishneva (Moscow, Russian Federation), Leyla Namazova-Baranova, Elena Dobrynina, Anna Alekseeva, Julia Levina, Kamilla Efendieva, Vera Kalugina, Liliia Selimzianova

Comparison physical activity barriers in asthmatic and non-asthmatic children

Andrey Sousa (SAO PAULO/SP, Brazil), Anna Lúcia Cabral, Celso Carvalho, Milton Martins

Asthma and overweight - are they connected? A prospective study from a Swedish birth cohort

Anna Landen (Göteborg, Sweden), Emma Goksör, Bernt Alm, Göran Wennergren

Female sex is associated with increased risk of early readmission with asthma in Staffordshire children

Will Carroll (Staffordshire, United Kingdom), Tanuka Palit, Sadie Clayton, Francis Gilchrist

The growth of children and adolescents with bronchial asthma

Lidiya Nikitina (Khanty-Mansi Autonomous Okrug, Russian Federation), Tatyana Eliseeva, Olga Khaletskaya, Elena Tush, Tatyana Potemina, Ivan Balabolkin, Vilya Bulgakova, Igor Klimanov

12:50 - 14:40

Thematic Poster: Diagnostic tools in paediatric asthma

Chairs : Carmelo Gabriele (Ancona, Italy), Quirijn Jobsis (Maastricht, Netherlands), Chair to be confirmed

An analysis of clinical features of hospitalized asthmatic children over a 5-year period: a single center experience

Ting Chen (, China), Lin ZHONG, Li Qiu, Hanmin LIU, Lina CHEN

Within-occasion repeatability of Impulse oscillometry in preschool wheezing children.

Paula Cristina Carvalho Vidal Reis Leiria Pinto (LISBOA, Portugal), Isabel Peralta, Pedro Martins, Nuno Neuparth

Asthma Control Test (ACT) or Asthma Control Questionnaire (ACQ)? - validity and responsiveness in children.

Anna Bodajko-Grochowska (Lublin, Poland), Andrzej Emeryk, Ewa Markut-Miotła, Anna Bednarek, Małgorzata Bartkowiak-Emeryk, Magdalena Kowalska, Ewa Chojna

Minimum Skin Prick Test panel in children with asthma in a French tropical island.

Bashir Omarjee (Saint-Denis/La Réunion, Reunion), Serge Kah, Bernard Gregoire Krikorian

Feasibility and acceptability of spirometry and FeNO testing in children treated for asthma in primary care

Lesley Danvers (Leicestershire, United Kingdom), David Lo, Nichola Harcombe, Damian Roland, Matthew Richardson, Yaling Yang, Andrew Wilson, Erol Gaillard, Caroline Beardsmore

Monitoring respiratory rate from pulse oximetry during treatment of acute severe wheeze in young children

Paul Seddon (West Sussex, United Kingdom), Catherine Olden, Sophie Banks, Akshat Kapur, David Wertheim

Are there sub groups of children with asthma where FeNO guided treatment is associated with reduced risk for asthma attacks?

Stephen Turner (Aberdeen, United Kingdom), Shona Fielding, Marielle Pijnenburg, Johan de Jongste, Katy Pike, Graham Roberts, Helen Petsky, Anne Chang, Maria Fritsch, Thomas Frischer, Stanley Szeffler, Peter Gergen, Françoise Vermeulen, Robin Vael

Characterization of severe asthma in children over 6 years

Elida Duenas-Meza (BOGOTA, Colombia), Eliana Correa, Miguel Suarez, Catalina Vasquez, Oscar Baron, Jenny Jurado, Maria del Socorro Medina, Carlos A Torres-Duque, Luis Fernando Giraldo-Cadauid

Validating the Arabic version of childhood asthma control test among Emirati children aged 4-11 years

Majid Al Saleh Al Teneiji (Dubai, United Arab Emirates), Afaf AlBlooshi, Alia Al Kalbani, Iram Durdana

Evaluation of Education Amongst The Parents of Children Having Poorly Controlled Asthma In India

(), Avinash Jain, sudhir agarwal, J.k samaria, ashish singh

Five distinctive asthma clusters in Bulgarian children

Dimitrinka Miteva (SOFIA, Bulgaria), Snezhina Lazova, Penka Perenovska, Stamatios Priftis, Guergana Petrova, Emilia Nasseva

Blood levels of type-2 innate lymphoid cells in preschool children with acute wheeze

Shah Mohammed Alungir Hussain (Leicester, United Kingdom), Aayushi Sen, Bethany C Barraclough, Jamie S McCarthy, David J Cousins, Erol A Gaillard

Type two innate lymphoid cells (ILC2s) in the blood of children with acute asthma

Bethany Barraclough (Poole, United Kingdom), Aayushi Sen, Shah Hussain, Erol Gaillard, David Cousins, Jamie McCarthy

Is mold sensitization associated with impaired pulmonary function in children with asthma?

Young Yoo (Seoul, Republic of Korea), So Hyun Ahn, Soohyun Ri, Yoon sun Yoon, Hyung Jin Kim, SungChul Seo, Wonsuck Yoon

The study of respiratory function in children with asthma receiving basic therapy

Olga Semernik (Rostov-on-Don, Russian Federation), Alexander Lebedenko

12:50 - 14:40

Thematic Poster: Cystic fibrosis - clinical issues

Chairs : Harm Tiddens (Rotterdam, Netherlands), Andy Turnbull (London, United Kingdom), Marcus Mall (Heidelberg, Germany), Chair to be confirmed

Comparative effect of backpack carrying on cystic fibrosis and healthy children: a randomized crossover controlled trial

Yann Combret (Rouen, France), Clément Médrinal, Guillaume Prieur, Aurora Robledo Quesada, Pascal Le Roux, Grégory Reyhler

Pseudo-Bartter's Syndrome incidence in patients with cystic fibrosis

Sevgi Pekcan (ANKARA, Turkey), Bübra Soydan, Meltem Energin

Clinical features of pseudo-bartter syndrome in cystic fibrosis.

Mina Gharibzadeh Hizal (Ankara, Turkey), Kismet Çakır, Sanem Esref, Ahmet Birbilen, Gokcen dilsa Tugcu, Nagehan Emiralioğlu, Ebru Yalcin, Deniz Dogru Ersoz, Ugur Ozcelik, Nural Kiper

Exploring the susceptibility of P. aeruginosa biofilms in human mucus towards tobramycin treatment

Laura Boge (Hannover, Germany), Xabier Murgia, Marius Hittinger, Lorenz Siebenbuerger, Carsten Boerger, Henrik Groß, Armin Braun, Katherina Sewald, Claus-Michael Lehr, Sabine Wronski

Rare cases of Blastobotrys raffinosisfermentans as cause of FEV1-decline in two CF patients.

Kathleen Jahn (Basel, Switzerland), Veronika Bättig, Helena Seth-Smith, Adrian Egli, Michael Tamm

New methods for detection of fungi in sinuses in patients with cystic fibrosis

Aleksandra Barac (Beograd, Republic of Serbia), Vesna Tomic Spiric, Predrag Minic

Non-ABPA Aspergillus bronchitis in cystic fibrosis

Andreas Jung (Zürich, Switzerland), Tina Schürmann, Carsten Schwarz, Helge Hebestreit, Olaf Eickmeier, Alexander Moeller

Inhaled hypertonic saline + hyaluronic acid (HSHA) and HS alone in patients with Cystic Fibrosis (CF): a 2 years retrospective analysis in Treviso's CF Unit.

Stefano Silveri (Lestans, Italy), Mirco Ros, Gloria Tridello, Emily Pintani, Carla Federica Bortoluzzi, Francesca Lucca

Six-minute walk test vs cardiopulmonary exercise test in the assessment of exercise tolerance in adults with cystic fibrosis

Marcello Di Paolo (ROMA, RM, Italy), Daniela Savi, Serena Quattrucci, Luigi Graziano, Elisabetta Arcieri, Paolo Palange

Is there a correlation between cardiac dysfunction and exercise capacity among Children and Adolescents with Cystic Fibrosis?

Fotios Kirvassilis (Oraiokastro, Greece), Elpida Hatziaorou, Evaggelia Kouidi, Stavros Giannakoulakos, Maria Anifanti, Asterios Kampouras, Asterios Deligiannis, John Tsanakas

Feasibility of exhalomics SESI-MS studies with infants and young children for early detection of cystic fibrosis inflammation and infection

Astghik Baghdasaryan (YEREVAN, Armenia), Tobias Bruderer, Jair Wyler, Malcolm Kohler, Renato Zenobi, Alexander Möller

13:00 - 14:00

Meet the expert: ME1 Treating obstructive sleep apnoea syndrome in children
Lessons from recent multicentre studies

Aims : To summarise the results of recent multicentre studies (CHAT from the USA and NANOS from Spain) on the efficacy of treatment interventions for OSAS in childhood; to discuss indications for treating OSAS in children, even in settings where polysomnography is not available.

Track(s) : Acute and chronic respiratory failure/sleep

Tag(s) : Paediatric

Target audience : Clinician, Fellow, Paediatrician, Pulmonologist, Respiratory physician, Sleep specialist/technologist, Anaesthesiologist, Intensivist/critical care physician, Junior member, Neonatologist

Chairs : Melania Evangelisti (Rome, Italy)

13:00 **Treating OSAS in children**
Athanasios G. Kaditis (Athens, Greece)

13:00 - 14:00

Meet the expert: ME2 Transbronchial cryobiopsy in diffuse parenchymal lung disease

Aims : Transbronchial cryobiopsy is a new modality that is used to obtain enough lung parenchyma tissue for diagnosing a variety of diffuse parenchymal lung diseases. Although the diagnostic yield is about 80%, this method associates with a significantly lower rate of complications than surgical lung biopsy. Its introduction into clinical practice could significantly improve the diagnosis and treatment of patients with these disorders.

Track(s) : Interstitial lung disease and vascular disease

Tag(s) : Clinical

Target audience : Anaesthesiologist, Clinician, Educationalist, Epidemiologist, Fellow, Immunologist, Intensivist/critical care physician, Junior member, Pathologist, Pulmonologist, Radiologist, Resident, Scientist, Thoracic endoscopist, Thoracic surgeon

Chairs : Chair to be confirmed

13:00 **Transbronchial cryobiopsy in diffuse parenchymal lung disease**
Venerino Poletti (Forli, Italy)

13:00 - 14:00

Meet the expert: ME3 Genetics, pathology and therapy of neuroendocrine tumours of the lung

Aims : Recently, knowledge about the genetics, pathology, and therapy of neuroendocrine lung tumours has increased hugely. This session is based on the 2015 WHO classification of tumours of the lung and other recent publications and will discuss (1) the genetic findings in typical and atypical carcinoids, (2) the pathological and differential diagnoses of pulmonary neuroendocrine tumours, (3) the genetic alterations in high grade carcinomas (SCLC and LCNEC), and (4) the treatment regimens for patients with lung neuroendocrine tumours.

Track(s) : Lung cancer

Tag(s) : Clinical

Target audience : Allied health professional, Anaesthesiologist, Clinician, Epidemiologist, Fellow, General practitioner, Junior member, Nurse, Oncologist, Pathologist, Patient, Pharmaceutical industry representative, Pulmonologist, Radiologist, Researcher, Resident, Respiratory physician, Scientist, Student, Thoracic endoscopist, Thoracic surgeon

Chairs : Daan W. Loth (Breda, Netherlands)

13:00 **Genetics, pathology, and therapy of neuroendocrine tumours of the lung**
Giulio Rossi (Modena, Italy)

13:00 - 14:00

Meet the expert: ME4 Chronic cough Update on diagnosis and treatment

Aims : Chronic cough is a troublesome symptom in many airways diseases including COPD, asthma and IPF and is associated with adverse outcomes and has a negative impact on quality of life. The pathogenesis of chronic cough is not well understood and treatment options are limited. The aim of this session is raise awareness of the importance of chronic cough, to demonstrate the importance of promoting good management strategies, appreciate the need to develop new effective treatments and to consider the educational and support needs of patients with chronic cough.

Track(s) : Chronic airway diseases

Tag(s) : Clinical

Target audience : Clinician, Fellow, Paediatrician, Pulmonologist, Respiratory physician

Chairs : Imran Satia (Blackburn, United Kingdom)

13:00 **Chronic cough diagnosis and treatment**
Alyn Hugh Morice (Cottingham, United Kingdom)

13:00 - 14:15

Assembly members' meeting: Assembly 2 Respiratory Intensive Care

Aims : It includes the ceremony for the ERS Grant for the Best Abstract in Noninvasive Ventilatory Support.

Chairs : Raffaele Scala (AREZZO, Italy), Leo M.A. Heunks (Amsterdam, Netherlands)

13:00 - 14:15

Assembly members' meeting: Assembly 4 Clinical physiology, sleep and pulmonary circulation

Chairs : Maria Bonsignore (Palermo, PA, Italy), Andrea Aliverti (Milan, Italy)

13:00 - 14:15

Assembly members' meeting: Assembly 6 Occupation and epidemiology

Aims : The Ceremony for the ERS Assembly Lifetime Achievement Award will take place during the Assembly 6 Members' meeting.

Chairs : Dirk Heederik (Utrecht, Netherlands), Christer Janson (Uppsala, Sweden)

13:00 - 14:15

Assembly members' meeting: Assembly 8 Thoracic surgery and transplantation

Chairs : Geert Verleden (Leuven, Belgium), Stefano Elia (Rome, Italy)

13:00 - 14:15

Assembly members' meeting: Assembly 10 Respiratory infections

Aims : The following prizes will be given during the Assembly Members' meeting:
ERS Grant for Best Abstract in Bacterial Pneumonia
ERS Travel Grant for Best Abstract in Diagnostic in Respiratory Infection

Chairs : Stefano Aliberti (Milan, Italy), Giovanni Sotgiu (Porto Torres, Italy)

13:00 - 14:30

Championship: 2017 Respiratory Championship

Become a champion in respiratory medicine

Aims : Watch the four teams compete in this state-of-the-art review of the major fields of respiratory medicine and give it a try yourself by answering the questions with your mobile devices.

Tag(s) : Clinical

Target audience : Junior member, Pulmonologist, Trainee, Respiratory physician, Clinician

Chairs : Konrad E. Bloch (Zurich, Switzerland), Thomas Brack (Glarus, Switzerland)

Gone with the Wind

Marta Francesca Di Pasquale (Milan, Italy), Andrea Gramegna (Milan, Italy), Dejan Radovanovic (Milan, Italy)

Nordic Airways

Hannele Hasala (Kangasala, Finland), Hanna-Riikka Kreivi (Helsinki, Finland), Johanna Salonen (Oulu, Finland)

Team 3

Bakari Chitechi (Linz, Austria), Philipp Douschan (Graz, Austria), Vasile Foris (Graz, Austria)

The Inspired

Kim De Muynck (Brussels, Belgium), Julien Guiot (Liège, Belgium), Hannelore Bode (Leuven, Belgium)

13:00 - 14:15

Educational forum: Continuing professional development

Chairs : Gernot G.U. Rohde (Frankfurt am Main, Germany), Daiana Stolz (Basel, Switzerland)

13:00 **Continuing professional development - overview**
Carolin Sehlbach (Maastricht, Netherlands)

13:15 **UK perspective**
Speaker to be confirmed

13:25 **Spanish perspective**

13:35 **Dutch perspective**

13:45 **Future direction of CPD at the ERS**
Gernot G.U. Rohde (Frankfurt am Main, Germany), Speaker to be confirmed

13:00 - 14:30

Lunchtime session: Making ERS guidelines usable and relatable

The ongoing evolution

Aims : The audience will be able to explain the process and basic methodology to develop ERS clinical practice guidelines as well as the main challenges; to provide information on the different kinds of support offered by the ERS for guideline development as well as opportunities to be involved; to hear the experience of the first ERS fellow on guideline methodology; to learn about innovative ways to make evidence based guidelines more useful for everyday clinical practice; and to envisage the future of ERS guidelines as they are continuing to evolve.

Target audience : Allied health professional, Clinician, Educationalist, Epidemiologist, Fellow, General practitioner, Nurse, Patient, Public health official, Pulmonologist, Researcher, Respiratory physician, Scientist

Chairs : Thomy Tonia (LAUSANNE, Switzerland), Marc Miravittles (BARCELONA, Spain)

13:00 **The ERS Guideline development process**
David Rigau (BARCELONA, Spain)

13:15 **Developing joint ERS/ATS documents**
Kevin Wilson (Westwood, United States of America)

13:45 **The ERS Fellowship in guideline methodology**
Alexander Mathioudakis (Manchester, United Kingdom)

14:00 **The future of ERS guidelines**
Marc Miravittles (BARCELONA, Spain)

13:00 - 14:30

Lunchtime session: Lung cancer for the pulmonologist: a joint ERS/NEJM lunchtime session

Aims : The diagnosis and treatment of lung cancer has changed dramatically over the past 5 years. This programme will provide the attendee with the latest information on the screening for, diagnosis, and treatment of lung cancer.

Track(s) : Lung cancer

Chairs : Jeffrey Drazen (Boston, United States of America), Klaus Friedrich Rabe (Großhansdorf, Germany)

13:00 **Prevention of lung cancer**
Stephanie Land (Bethesda, United States of America)

13:25 **Screening for lung cancer**
Hans-Ulrich Kauczor (Heidelberg, Germany)

13:50 **Precision diagnosis and treatment of lung cancer**
Martin Reck (Grosshansdorf, Germany)

14:15 **Discussion**

13:00 - 14:30

Lunchtime session: ERS Research Initiatives

Aims : The audience will get an overview of the ERS research strategy. Examples will be presented on current successful CRC (Clinical Research Collaboration) and a new CRC. A facilitated discussion will end the session between the speakers, patient and industry representatives. This will give the pane to discuss the opportunities and risks of the strategy and for the audience to contribute to the debate.

Target audience : Clinician, Pharmaceutical industry representative

Chairs : Stephen T. Holgate (Southampton, United Kingdom), Scott. S Wagers (Maasmechelen, Belgium), Guy Brusselle (Ghent, Belgium)

13:00 **ERS: planning the research agenda**
Christopher E. Brightling (Leicester, United Kingdom)

13:20 **An overview of the EMBARC consortium in terms of set-up, collaborations and external funding**
Eva Polverino (Barcelona, Spain)

13:40 **CRC: future success SHARP**
Ratko Djukanovic (Southampton, United Kingdom)

14:00 **Panel discussion**

14:30 - 16:50

Professional development workshop: PDW3 Motivational interviewing for smoking cessation Motivational interviewing-role playing-scenario

Aims : Motivational interviewing is a patient-centred, collaborative, and goal-oriented method that is designed to strengthen the personal motivation for and commitment to a specific goal by eliciting and exploring the person's own reasons for wanting a change within an atmosphere of acceptance and compassion. In motivational interviewing, it is appropriate to provide information and advice, but only if the patient gives permission to receive it. The goal of the healthcare provider is to understand the patient's perspective of the topic and their needs, and to help the patient to draw their own conclusion about the relevance of any information provided.

Track(s) : Chronic airway diseases

Tag(s) : Clinical, Smoking prevention and cessation (HLfL)

Target audience : Allergologist, Cardiologist, Clinician, Educationalist, Epidemiologist, Fellow, Junior member, Lung function technician, Nurse, Occupational therapist, Oncologist, Otolaryngologist, Paediatrician, Patient, Physiologist, Physiotherapist, Psychologist, Public health official, Pulmonologist, Resident, Respiratory physician, Respiratory therapist, Student, Trainee

Chairs : Paraskevi Katsaounou (Athens, Greece)

Introduction

Motivational interviewing: definition, objectives, and the transtheoretical model of change
Gian Paolo Guelfi (GENOVA, GE, Italy)

Motivational interviewing: principles

Tim Anstiss (London, United Kingdom)

Motivational interviewing core skills: motivational strategies

Lynne Johnston (Sunderland, United Kingdom)

Strategies for information exchange: play roles

Paraskevi Katsaounou (Athens, Greece)

14:30 - 16:50

Skills workshop: SW6 Thoracic ultrasound**Aims :** To provide participants with an update on thoracic ultrasound knowledge and an opportunity to practise basic hands-on skills using training models, simulators, volunteers and patients.**Tag(s) :** Clinical**Target audience :** Fellow, Respiratory physician, Respiratory therapist, Thoracic surgeon, Pulmonologist, Radiologist, Resident**Chairs :** Nick Maskell (Bristol, United Kingdom)**Introduction****Workstation 1: the normal human thoracic cavity**

Konstantina Kontogianni (Heidelberg, Germany), Valentina Pinelli (Brescia, Italy)

Workstation 2: pleural effusion and/or pleural thickening

Ioannis Psallidas (Oxford, United Kingdom), Horiana Grosu (Houston, United States of America)

Workstation 3: case studies

John Wrightson (Oxford, United Kingdom)

Workstation 4: guided pleural aspiration and lymph node biopsy using models

Coenraad Frederik Nicolaas Koegelenberg (Cape Town, South Africa), Nick Maskell (Bristol, United Kingdom), Giovanni Volpicelli (Torino, Italy)

14:30 - 16:50

Skills workshop: SW5 Minimally invasive thoracic surgery**Video-Assisted-Thoracoscopic-Surgery (VATS) lobectomy****Aims :** To present the advantages of VATS, its applications in thoracic operations and technique advancements in the field of minimally invasive thoracic surgery; to acquire basic skills to build up confidence and to feel at ease with thoracoscopic techniques; to train on a simulator and improve orientation, eye-hand coordination and manual skills; to practice an accurate usage of surgical instruments such as dissectors, vessel loops and staplers.**Track(s) :** Lung cancer**Tag(s) :** Clinical**Target audience :** Educationalist, Epidemiologist, Fellow, Junior member, Nurse, Resident, Student, Thoracic endoscopist, Thoracic surgeon**Chairs :** Stefano Elia (Rome, Italy)**Introduction****Interactively guided case**

Piergiorgio Solli (Cambridge, United Kingdom)

Basic skills

Luca Bertolaccini (Ravenna, Italy)

Hands-on case #1

Benedetta Bedetti (Cambridge, United Kingdom)

Hands-on case #2

Maria Elena Cufari (London, United Kingdom)

14:45 - 16:45

Symposium: Digital health: transforming the respiratory landscape

Aims : The wave of digital health is growing continuously and promises to transform the experience of patients. Respiratory medicine is in the centre of these developments because it can benefit from all of the components of the digital patient experience. The current presentation addresses the role of e-health in respiratory conditions, with a particular focus on asthma and COPD. It assesses the wave of investment in digital health and the need for patient direction and involvement in the expanding number of respiratory apps. It also describes an EU Horizon2020 project called “myAirCoach” and its innovative vision for asthma management and treatment in the future.

Track(s) : Chronic airway diseases

Tag(s) : Clinical

Target audience : Allergologist, Allied health professional, Clinician, Educationalist, Emergency medicine doctor, Engineer, Epidemiologist, Fellow, General practitioner, Junior member, Lung function technician, Nurse, Patient, Pharmaceutical industry representative, Physiologist, Pulmonologist, Researcher, Resident, Respiratory physician, Scientist, Student, Trainee

Chairs : Kian Fan Chung (London, United Kingdom), Nicolino Ambrosino (Livorno, Italy)

14:45 **Digital health: will the promise be realised?**
Omar S. Usmani (London, United Kingdom)

15:15 **Respiratory apps from a patient’s perspective**
Dee O’Sullivan (Brussels, Belgium)

15:45 **Telemedicine in COPD**
Michele Vitacca (Gussago, Italy)

16:15 **The digital future of asthma**
Konstantinos Votis (Patra, Greece)

14:45 - 16:45

Symposium: Difficult indications for lung transplantation

Aims : In this symposium, we will tackle the difficult indications for lung transplantation. Some of these indications are valid while others are not. We want to reassure the audience that, in some of these indications, lung transplantation can have good outcomes. However, lung transplantation is likely to have bad outcomes in other indications.

Tag(s) : Clinical

Target audience : Clinician, Intensivist/critical care physician, Paediatrician, Pulmonologist, Radiologist, Respiratory physician, Thoracic surgeon

Chairs : Geert Verleden (Leuven, Belgium), James Laurence Lordan (Newcastle upon Tyne, United Kingdom)

14:45 **Lung transplantation in patients with immunodeficiencies: mission impossible?**
Federica Meloni (Pavia, Italy)

15:15 **Lung transplantation in patients with prior or concurrent cancer: safety first?**
Robin Vos (LEUVEN, Belgium)

15:45 **Lung transplantation for ARDS and/or ECLS bridging: managing the urgent and unexpected**
Jens Gottlieb (Hannover, Germany)

16:15 **Lung transplantation for systemic sclerosis and other connective tissue diseases**
Rajan Saggarr (Los Angeles, United States of America)

14:45 - 16:45

Symposium: State of the Art Session: Paediatric

Aims : With this symposium the audience will gain an up to date in the diagnosis, treatment and prevention of the most frequent respiratory diseases of children.

Track(s) : Respiratory infections Acute and chronic respiratory failure/sleep

Tag(s) : Paediatric

Target audience : Fellow, Immunologist, Junior member, Neonatologist, Paediatrician, Pulmonologist, Researcher, Resident

Chairs : Steve Cunningham (EDINBURGH, SCOTLAND, United Kingdom), Monika Gappa (Wesel, Germany), Wojciech Durlak (Kraków, Poland)

14:45 **New frontiers in the management of asthma**
Fernando D. Martinez (Tucson, United States of America)

15:15 **Recent developments in the management of Cystic fibrosis**
Jane C. Davies (London, United Kingdom)

15:45 **When and how to act on sleep disorders breathing**
Stijn Verhulst (ANTWERPEN, Belgium)

16:15 **Management of bronchiolitis for winter 2017/2018-What is in and what is out)**
Fabio Midulla (Roma, Italy)

14:45 - 16:45

Grand Round: GR3 Scientific Grand Round: Autoimmunity in chronic lung disease

Aims : To provide insight into the mechanisms of autoimmunity in chronic lung disease.

Track(s) : Chronic airway diseases

Tag(s) : Basic translational science

Target audience : Clinician, Epidemiologist, Fellow, Immunologist, Junior member, Pulmonologist, Researcher, Resident, Respiratory physician, Scientist

Chairs : Melanie Koenigshoff (Denver, United States of America), Ken Bracke (Ghent, Belgium)

14:45 **Mechanisms of autoimmune-induced lung disease**
Anthony Shum (San Francisco, United States of America)

15:15 **Autoimmunity in airway inflammation and asthma**
Jonas Erjefalt (Lund, Sweden)

15:45 **Systemic autoimmunity and pulmonary fibrosis**
Joyce Lee (Cherry Hills Village, United States of America)

16:15 **Autoimmunity and smoking/COPD**
Speaker to be confirmed

14:45 - 16:45

Session: Best of the ERS/ESRS Sleep and Breathing Conference 2017

Aims : The aim of this session is to provide an overview on clinically relevant respiratory and non-respiratory topics addressed during the ERS/ESRS Sleep and Breathing Conference 2017.

Track(s) : Acute and chronic respiratory failure/sleep

Tag(s) : Clinical

Target audience : Clinician, Physiologist, Fellow, Resident, Sleep specialist/technologist

Chairs : Maria Bonsignore (Palermo, PA, Italy), Walter McNicholas (Dublin, Ireland)

14:45 **Neuroimaging of obstructive sleep apnea treatment-related changes in brain structure and activation**
Vincenza Castronovo (Milan, Italy)

15:15 **Insomnia in sleep disordered breathing**
Lisette N. Venekamp (Heeze, Netherlands)

15:45 **Sleep apnoea and COPD: if the worst comes to the worst**
Winfried J. Randerath (Solingen, Germany)

16:15 **Cardiovascular complications of mild OSA**
Jan A. Hedner (Gothenburg, Sweden)

14:45 - 16:45

Session: Bronchiectasis: from guidelines to real life Report from the ERS Bronchiectasis Task Force and EMBARC CRC

Aims : 1) To present the new ERS Bronchiectasis Guidelines, the result of a 2 year ERS bronchiectasis task force 2) To review how the ERS bronchiectasis guideline recommendations are adhered to in real life, through presentation of the ERS/EMBARC Bronchiectasis registry results 3) To review the latest basic and translational science in the field of bronchiectasis that may lead to future therapies 4) To discuss developing therapies and new trials that we hope will contribute to the future ERS bronchiectasis guidelines

Track(s) : Chronic airway diseases Interstitial lung disease and vascular disease

Tag(s) : Clinical

Target audience : Clinician, Epidemiologist, General practitioner, Immunologist, Junior member, Microbiologist, Nurse, Patient, Pharmaceutical industry representative, Physiotherapist, Pulmonologist, Researcher, Resident, Respiratory physician, Respiratory therapist, Student, Scientist

Chairs : Felix C. Ringshausen (Hannover, Germany), Gregory Tino (Philadelphia, United States of America)

14:45 **The European Bronchiectasis Guidelines**
Eva Polverino (Barcelona, Spain)

15:15 **From guidelines to real life- data from the EMBARC registry and national audits**
Pieter Goeminne (BORNEM, Belgium)

15:45 **New horizons in bronchiectasis**
Josje Altenburg (Alkmaar, Netherlands)

16:15 **Filling in the gaps- Translational research to develop new therapies**
Michael Loebinger (London, United Kingdom)

14:45 - 16:45

Session: ERS/ATS Noninvasive ventilation (NIV) in Acute Respiratory Failure

Aims : The aim of this session is to illustrate the new guidelines for the use of noninvasive ventilation in patients with Acute Respiratory Failure, developed jointly by the ERS and ATS

Track(s) : Acute and chronic respiratory failure/sleep

Tag(s) : Clinical

Target audience : Clinician, Intensivist/critical care physician, Nurse, Respiratory therapist, Allied health professional, Anaesthesiologist, Cardiologist, Emergency medicine doctor, Epidemiologist, Fellow, General practitioner, Junior member, Lung function technician, Oncologist, Patient, Physiotherapist, Pulmonologist, Researcher, Resident, Respiratory physician, Scientist, Sleep specialist/technologist, Student, Trainee

Chairs : Stefano Nava (Bologna, Italy), Paolo Navalesi (Milan, Italy)

14:45 **The methodology employed and what's are the main differences from the "old" ones**
Bram Rochweg (Hamilton, ON, Canada)

15:15 **Acute hypercapnic respiratory failure**
Mark W. Elliott (Leeds, United Kingdom)

15:45 **Acute hypoxic respiratory failure**
Massimo Antonelli (ROMA, RM, Italy)

16:15 **Technical aspects**
Nicholas S. Hill (Providence, United States of America)

14:45 - 16:45

Session: ERS Statements and Technical Standards on diagnosis and monitoring

Chairs : Julie Lloyd (BIRMINGHAM, United Kingdom), Anh Tuan Dinh-Xuan (PARIS, France)

14:45 **Standardizing Methacholine Challenge Test: PD20 but not PC20 is Independent of the Delivery System**
Allan L. Coates (Toronto, ON, Canada)

15:09 **Standardization of pulmonary diffusing capacity for nitric oxide**
Gerald Zavorsky (Atlanta, United States of America)

15:33 **Pulmonary hemodynamics during exercise**
Gabor Kovacs (GRAZ, Austria)

15:57 **Global Lung Function Initiative: Reference Equations for TLCO**
Sanja Stanojevic (Toronto, ON, Canada)

16:21 **ERS technical standard: Exhaled biomarkers in lung disease**
Ildikó Horváth (Budakeszi, Hungary)

14:45 - 16:45

Poster Discussion: Rare Diseases

Chairs : George Margaritopoulos (LONDON, United Kingdom), Hilario Nunes (BOBIGNY, France)

Birt-Hogg-Dubé Syndrome: The experience of an Italian Centre

Elena Torricelli (FIRENZE, Italy), Elena Bargagli, Elisabetta Rosi, Chiara Cresci, Edoardo Cavigli, Chiara Moroni, Alessandra Bindi, Mariaelena Occhipinti, Giorgia Tancredi, Alessandro Gonfiotti, Sara Borgianni, Luisa Candita, Laura Papi, Michela Bezzi, Luca Voltolini, Massimo Pistolesi

The Italian Reference Center Database for Pulmonary Alveolar Proteinosis (PAP).

Ilaria Campo (PAVIA, Italy), Zamir Kadija, Elena Paracchini, Davide Piloni, Michele Zorzetto, Federica Meloni, Francesca Mariani, Elena Salvaterra

The significance of serum biomarkers as predictive factors for the clinical course of idiopathic pleuroparenchymal fibroelastosis (IPPF)

Naoya Ikegami (Sakai, Japan), Toru Arai, Chikatoshi Sugimoto, Masanori Akira, Takahiko Kasai, Masanori Kitaichi, Seiji Hayashi, Yoshikazu Inoue

Pulmonary hemodynamics and mortality in chronic hypersensitivity pneumonitis

Rudolf Oliveira (SAO PAULO/SP, Brazil), Jaquelina Ota-Arakaki, Paula Gomes, Andrea Gimenez, Carolina Messina, Roberta Ramos, Eloara Ferreira, David Systrom, Carlos Pereira

Long Term Sirolimus therapy for LAM: a real life experience

Davide Elia (Milan, Italy), Roberto Cossandro, Olga Torre, Sergio Harari

Analysis of children's diffuse parenchymal lung disease from the European Management Platform for Childhood Interstitial Lung Diseases: Frequency of disease categories and treatments used

Julia Carlens (HANNOVER, Germany), Matthias Griese, Andrew Bush, Annick Clement, Steve Cunningham, Meike Hengst, Nural Kiper, Anastasiia Korotkai, Katarzyna Krenke, Joanna Lange, Elias Seidl, Deborah Snijders, Martin Wetzke, Nicolaus Schwerk

Minor salivary gland biopsy in patients with Sjogren syndrome-related ILD: correlation with lung damage

Carmen Navarro (Mexico City, Mexico), Aime Alarcon, Ivette Buendia, Mayra Mejia, Miguel Gaxiola

Long-term outcome of 53 patients with anti-Jo-1 antibody-positive interstitial lung disease

Tomoko Nakanishi (Tenri, Japan), Masakuni Ueyama, Satoru Terada, Nobuyoshi Hamao, Takashi Inao, Yusuke Kaji, Takehiro Yasuda, Seishu Hashimoto, Takashi Hajiro, Eisaku Tanaka, Yuko Nishimoto, Satoshi Noma, Yoichiro Kobashi, Yoshio Taguchi

SFTPA mutations in interstitial lung disease (ILD) and lung cancer

Nadia Nathan (PARIS, France), Marie Legendre, Caroline Kannengiesser, Juliette Albuissou, Raphaël Borie, Diane Bouvry, Bruno Copin, Bruno Crestani, Jean-Charles Dalphin, Florence Dastot Le Moal, Paul De Vuyst, Philippe Duquesnoy, Emilie Filhol-Blin, Violaine Giraud, Carine Gomez, Laurent Gouya, Xavier Jeunemaître, Valérie Nau, Hilario Nunes, Clément Picard, Grégoire Prevost, Martine Reynaud-Gaubert, Serge Amselem, Annick Clement

Is lung ultrasound useful in diagnosing and monitoring children with neuroendocrine cell hyperplasia of infancy?

Katarzyna Krenke (Laski, Poland), Emilia Urbankowska, Tomasz Urbankowski, Lukasz Drobczynski, Joanna Lange, Teresa Bielecka, Michal Brzewski, Marek Kulus

Predicting factors for mortality in patients with pleuroparenchymal fibroelastosis

Tsuneyuki Oda (Yokohama, Japan), Eri Hagiwara, Takuma Katano, Erina Tabata, Ryota Shintani, Sinko Sadoyama, Satoshi Ikeda, Hideaki Yamakawa, Ryo Okuda, Akimasa Sekine, Hideya Kitamura, Tomohisa Baba, Sigeru Komatsu, Takashi Ogura

The evaluation of serum biomarkers in patients with sarcoidosis: Can visfatin be a new biomarker for sarcoidosis?

Efsun Gonca Uur Chousein (STANBUL, Turkey), Elif Tanrıverdi, Sinem İliaz, Mustafa Çörtük, Demet Turan, Gülme Güllü, Mehmet Akif Özgül, Erdoğan Çetinkaya

Lung ultrasound in the evaluation of interstitial lung diseases in the course of connective tissue diseases

Natalia Buda (Gdańsk, Poland), Maciej Piskunowicz, Maria Porzezińska, Wojciech Kosiak, Zbigniew Zdrojewski

Down-regulation of PD-1/PD-Ls in patients with asbestosis and silicosis

Qiao Ye (BEIJING, China), Meihua Qiu, Changjiang Xue, Shuangli Yang, Yali Fan

Radiographic patterns in a cohort of 281 asbestosis patients

Qiao Ye (BEIJING, China), Xiaoli Yang, Yongji Yan, Xuqin Du, An Li

Rosmarinic acid enhances apoptosis and cell cycle arrest induced by Carnosic acid on Human Lung Fibroblasts

Sana BAHRI (Tunis, Tunisia), Saloua BEN KHAMSA JAMELEDDINE, Frédérique MIES, Kathleen MC ENTEE, Vadim SHLYONSKY

Comparison of reduction ratio of the native fibrotic lung of PPFE with or without single lung transplantation

Yuko Waseda (Yoshida-gun, Japan), Carmen Halder, Satoshi Watanabe, Helmut Prosch, Christian Herold, Hazuki Takato, Yukari Ichikawa, Kazuyoshi Watanabe, Masahide Yasui, Kazuo Kasahara, Tamotsu Ishizuka, Christopher Lambers

Desquamative interstitial pneumonia - a comprehensive review

Laila Haugen Thorgersen (Næstved, Denmark), Elisabeth Bendstrup

14:45 - 16:45

Poster Discussion: Primary care management of asthma and COPD**Chairs :** Janwillem W. H. Kocks (Groningen, Netherlands), Rachel Jordan (Birmingham, United Kingdom)**Using the methacholine challenge to determine how psychological mechanisms impact asthma symptom perception and quality of life.**

Ben Ainsworth (Southampton, United Kingdom), Hasina Khatun, Alannah Morgan, Matthew Harvey, Rosie Geale, Kerry Gove, Mike Thomas

Bronchial hyperresponsiveness in COPD: Impact on survival outcomes

Virginia Moya Alvarez (MADRID, Spain), Ismael Ali Garcia, Julio Hernandez Vazquez, Carmen . Matesanz Ruiz, Jose Maria Bellon Cano, Maria Jesús Buendia Garcia, Javier de Miguel Diez

A prediction model for exacerbations in patients with COPD generated in a Swiss multicenter COPD cohort study (TOPDOCS)

Simona Henny (Basel, Switzerland), Thomas Dieterle, Thomas Brack, Martin H Brutsche, Christian F Clarenbach, Adrian Egli, Ingmar Heijnen, Sarosh Irani, Martin Frey, Noriane Sievi, Robert Thurnheer, Marten Trendelenburg, Jörg Leuppi, Malcom Kohler

Insight into frequent asthma exacerbations from a primary care perspective and the implications of UK National Review of Asthma Deaths (NRAD) recommendations

Rekha Chaudhuri (GLASGOW, United Kingdom), Neil C Thomson, Craig McCallum, Hugh O'Pray, Sean MacBride Stewart, Varun Sharma, Charles McSharry, Diane Murray, Malcolm Shepherd, Wai-Ting Nicola Lee, Stephen T Barclay

Features of severe asthma in primary care – an observational study

Gunilla Telg (Sodertalje, Sweden), Kjell Larsson, Björn Ställberg, Karin Lisspers, Gunnar Johansson, Christer Janson, Marcus Thuresson

Personalised prediction of future risk using early treatment response

Persijn Honkoop (Leiden, Netherlands), Suzanne Boer, Rik Loijmans, Tjard Schermer, Jiska Snoeck-Stroband, Jacob Sont

Estimating exacerbation rates from routine UK primary care data: an exploratory validation from the IMP2ART programme.

Chris Newby (LEICESTER, United Kingdom), Neil Wright, Sandra Eldridge, Susan Morrow, Erica Vince-Lawer, Francis Appiagyei, Tanith Hjelmberg, Derek Skinner, David Price, Stephanie J C Taylor, Hilary Pinnock

Empowering primary care patients with COPD in the context of multi-morbidity through the pilot APCOM self-management program

Sameera Ansari (Sydney, NSW, Australia), Hassan Hosseinzadeh, Sarah Dennis, Nicholas Zwar

A description of requests for self-management support among patients with COPD in Primary Health Care

Ann-Britt Zakrisson (Örebro, Sweden), Mats Arne, Mikael Hasselgren, Karin Lisspers, Lena Lundh, Hanna Sandelowsky, Björn Ställberg, Eva Thors Adolfsson, Kersti Theander

Selfmanagement by eHealth in asthma and COPD patients: with or without the professional.

Esther Van Noort (Geertruidenberg, Netherlands), Marise Kasteleyn, Hans in 't Veen, Bianka Mennema, Niels Chavannes

Ethnic differences in asthma management in Australia

Michael J. Abramson (Melbourne, VIC, Australia), Angela C.S. Wan, Francis Thien, Mark Hew, Rosalie Aroni

Exploring patient and carer perspectives on asthma self-management: a qualitative study from the IMP2ART programme

Luke Daines (Edinburgh, United Kingdom), Susan Morrow, Sharon Wiener-Ogilvie, Elizabeth Steed, Stephanie Taylor, Hilary Pinnock

Local implementation of a pathway to manage malnourished COPD patients in the community

Natalie Kominek, Abbie Cawood, Lucy Janik, Linda Webb, Bridget Fitzsimmons, Rose Evill, Rebecca Stratton

Caring for Older People with Chronic Obstructive Pulmonary Disease: a Grounded Theory Study

Francesca Rosa (Genoa, Italy), Milko Zanini, Gianluca Catania, Nicoletta Dasso, Giuseppe Aleo, Luca Ghirrotto, Loredana Sasso, Annamaria Bagnasco

Supporting COPD patients to access pulmonary rehabilitation with lay health workers: a feasibility study

Patrick T. White (London, United Kingdom), Gill Gilworth, Stephanie Taylor, Alison Wright, Simon Lewin, Nicholas Hopkinson, Lauren Hogg, Rachel Tufnell, Sally Singh, Nicholas Hart

General practitioners' beliefs and experiences when caring for patients with severe chronic obstructive pulmonary disease and refractory breathlessness

John Politis (Templestowe Lower, Australia), Peter Eastman, Brian Le, John Furler, Louis Irving, Natasha Smallwood

Asthma and COPD patient characteristics and illness perceptions related to inhaler technique

Esther I. Metting (Groningen, Netherlands), Marije Lieshout, Paul Hagedoorn, Siebrig Schokker, Ellen van Heijst, Titia Klemmeier, Miguel Roman-Rodriguez, Ioanna Tsilligianni, Thys van der Molen, Janwillem Kocks

Potentially inappropriate medications at the time of admission in elderly COPD patients increases length of stay and resource utilization

Felix Reyes (Brooklyn, United States of America), Justin Lee, Miguel Ramirez, Mafuzur Rahman, Timothy Ibrahim

14:45 - 16:45

Poster Discussion: Mesothelioma and malignant pleural disease

Chairs : Philippe Astoul (Marseille, France)

Prognostic significance of serum and pleural mesothelin in malignant pleural mesothelioma (MPM)

Valentina Pinelli (Brescia, Italy), Massimiliano Sivori, Pier Aldo Canessa, Vincenzo Fontana, Maria Pia Pistillo, Paola Ferro, Maria Cristina Franceschini, Antonella Vigani, Silvio Roncella, Enrico Battolla

Novel Synthetic lignan reduces asbestos-induced damage in human pleural mesothelial cells-Potential clinical usefulness in inhibiting pleural malignant mesothelioma

Melpo Christofidou-Solomidou (Philadelphia, United States of America), Ralph Pietrofesa, Steven Albelda

Exhaled breath analysis allows exclusive screening for malignant pleural mesothelioma.

Kevin Lamote (Wilrijk, Belgium), Matthijs Vynck, Olivier Thas, Joris Van Cleemput, Kristiaan Nackaerts, Jan P. van Meerbeeck

Pleural fluid DNA integrity index as a diagnostic marker of malignant pleural effusion

Maha Yousif (Menoufia Gavernorate, Egypt), Abd Elmoneem Eltorgoman, Eman Badr, Yasmin Kombr

Utility of conjoined EBUS-TBNA, ROSE (rapid-on site evaluation) and flow cytometry in diagnosis of lymphoma

Miras Medenica (Manchester, United Kingdom), Simon Bailey, Shuayb Elkhailifa, Durgesh Rana, Narine Nadira

Comparison of multiple serum and pleural fluid biomarkers for the diagnosis of Malignant Pleural Mesothelioma

Daniel Neville (Portsmouth, United Kingdom), Samal Gunatilake, Scott Elliot, Thomas Jones, Sharon Glaysheer, Selina Begum, Eleanor Lanning, Anoop Chauhan

Prognostic role of inflammatory cells in blood, pleural fluid and tumour samples, in patients with malignant pleural mesothelioma (MPM)

Duneesha De Fonseka (BRISTOL, United Kingdom), David Arnold, Anna Morley, Richard Daly, Nidhi Bhatt, Anthony Edey, Nick Maskell

Effects of Cisplatin and Pemetrexed on the cell viability and cell adhesion of benign mesothelial and mesothelioma cells.

Eleftherios Papazoglou (Larissa, Greece), Rajesh Jagirdar, Chrissi Hatzoglou, Konstantinos Gourgoulialis, Sotirios Zarogiannis

LSC - 2017 - Targeting CD98hc: a key mediator of tumour and microenvironmental crosstalk in malignant mesothelioma

Claire Rooney (GLASGOW, United Kingdom), Lynda Vuong, Sara Rushwan, Wei Wang, Tariq Sethi, Alison Mackinnon, Frank McCaughan

Investigation of CD14 with toll like receptors expression in pleural effusion for detection of thoracic disorders

Esmail Mortaz (Tehran, Islamic Republic of Iran), Guitti Pourdolat, Mohammad Mohammad Varahram, Payam Tabarsi, Parissa Farnia, Johan Garssen, Ian Adcock

Retrospective analysis of survival time in malignant pleural effusion requiring IPC insertion

Rachelle Ascjak (Msida, Malta), Rob Hallifax, Rebecca Shakir, Nikolaos Kanellakis, Ioannis Psallidas, John Wrightson, Rachel Mercer, John Corcoran, Najib Rahman

Novel therapeutic strategies against malignant pleural mesothelioma by selumetinib-loaded targeted nanoparticles.

Giulia Maria Stella (Pavia, Italy), Emanuela Cova, Simona Inghilleri, Davide Piloni, Miriam Colombo, Laura Pandolfi, Simona Mrakic-Sposta, Ymera Pignochino, Angelo Corsico, Davide Porsperi, Patrizia Morbini, Federica Meloni

Trends in malignant pleural mesothelioma in Eskisehir province of Turkey from January 1990 to December 2016

Selma Metintas (Eskisehir, Turkey), Guntulu Ak, Muzaffer Metintas

Prognostic characteristics of malignant pleural mesothelioma

Muzaffer Metinta (ESK EHIR, Turkey), Guntulu Ak, Selma Metintas

A retrospective 1 year analysis of our newly founded Pleural Service

Joy Creaser-Thomas (Swansea, United Kingdom), Jiwan Gurung, Sian Saha, Narendra Chinnappa

Does a posteriorly or interlobularly positioned chest tube really affect the success rate of pleurodesis?

Tomoyasu Takemura (Amagasaki, Hyogo, Japan), Yuki Kataoka

Outcomes of an elective day case tunnelled indwelling pleural catheter service

Yasser Madani (London, United Kingdom), Adeline Chia, Artemio Gonzales, Alina Ionescu

Efficacy of EGFR-TKI for malignant pleural effusion in lung adenocarcinoma patients

Chi-Li Chung (Taipei, Taiwan), Kai-Ling Lee, Shih-Hsin Hsiao

14:45 - 16:45

Poster Discussion: Prevalence, prognosis and comorbidities in COPD, and factors associated with lung function

Tag(s) : Smoking prevention and cessation (HLfL)

Chairs : Jørgen Vestbo (Manchester, United Kingdom), Judith Garcia Aymerich (BARCELONA, Spain)

The population impact of smoking on chronic airflow obstruction in different global regions: a BOLD Study analysis

Peter Burney (London, United Kingdom), Jaymini Patel, Cosetta Minelli, A. Sonia Buist

The prevalence of Chronic Obstructive Pulmonary Disease (COPD) in 1995-97 and 2006-08: The HUNT study, Norway.

Laxmi Bhatta (Trondheim, Norway), Linda Leivseth, Xiao-Mei Mai, Yue Chen, Anne Hildur Henriksen, Arnulf Langhammer, Ben Michael Brumpton

Unemployment in chronic airflow obstruction (CAO) around the world: Results from the Burden of Obstructive Lung Disease (BOLD) study

Marta Erdal (Bergen, Norway), Rune Grønseth, Wan C. Tan, Daniel O. Obaseki, Andre F. S. Amaral, Thorarinn Gislason, Sanjay K. Juvekar, Parvaiz A. Koul, Michael Studnicka, Sundeep Salvi, Peter Burney, A. Sonia Buist, William M. Vollmer, Ane Johannessen

Sex-differences in mortality within the COPD chronic bronchitis phenotype

Lies Lahousse (Ghent, Belgium), Leen Seys, Guy Joos, Oscar Franco, Bruno Stricker, Guy Brusselle

A systematic review of prognostic models in COPD

Vanesa Bellou (Ioannina, Greece), Lazaros Belbasis, Athanasios Konstantinidis, Ioanna Tzoulaki, Evangelos Evangelou

Body mass index across adulthood and the development of airflow obstruction and emphysema

Ruth Trethewey, Emily Petherick, Dale Eslinger, Vasam Ramachandran, Nicole Spartano, Martin Larson, George O'Connor, Michael Steiner

Increased risk of peripheral arterial disease in individuals with COPD

Natalie Terzikhan (Dordrecht, Netherlands), Lies Lahousse, Katia Verhamme, Oscar Franco, Guy Brusselle, Bruno Stricker

The prevalence of QTc-prolongation increase by GOLD stage in COPD

Ulf Nilsson (UMEÅ, Sweden), Isabel Kanerud, Ulla-Britt Diamant, Bengt Johansson, Anne Lindberg

Risk of stroke in COPD: a matched cohort study

Ann Morgan (Market Harborough, United Kingdom), Kieran Rothnie, Krishnan Bhaskaran, Liam Smeeth, Jennifer Quint

Long-term outcomes of percutaneous coronary intervention in patients with chronic obstructive pulmonary disease: a 13-year nationwide cohort study

Wei-Chieh Lin (Tainan, Taiwan), Chang-Wen Chen, Chao-Han Lai

Airway obstruction and the risk of major coronary event

Tiina Mattila (HELSINKI, Finland), Tuula Vasankari, Harri Rissanen, Paul Knekt, Pauli Puukka, Markku Heliövaara

Association of long-term air pollution with spirometry and lung diffusing capacity: Results from the KORA FF4 study

Stefan Karrasch (Neuherberg, Germany), Barbara Köpf, Kathrin Wolf, Josef Cyrus, Alexandra Schneider, Rolf Holle, Annette Peters, Holger Schulz

Symptoms of obstructive pulmonary disease in obese adults with normal FEV1/FVC ratio: Data from the ACE 1950 study.

Nina Faksvåg Caspersen, Vidar Søyseth, Trygve Berge, Arnljot Tveit, Helge Røsjø, Gunnar Einvik

Effects of replacing sedentary behavior by light and moderate-to-vigorous physical activity on lung function in adults

Victor Dourado (SANTOS/SP, Brazil), Evandro Sperandio, Marcello Romiti, Antônio Gagliardi, Rodolfo Arantes

A restrictive spirometry pattern is associated with lower physical activity levels in adults

Elaine Fuertes (München, Germany), Anne-Elie Carsin, Debbie Jarvis, Josep M Antó, Joachim Heinrich, Roberto Bono, Cecilie Svanes, Emmanuel Schaffner, Margareta Emtner, Shyamali Dharmage, Wasif Raza, Bénédicte Leynaert, Silvia Pascual, Nicole Probst, Judith Garcia-Aymerich

Is physical activity associated with lung function in lung-healthy German adults?

Holger Schulz (Neuherberg, Germany), Agnes Luzak, Stefan Karrasch, Barbara Thorand, Dennis Nowak, Rolf Holle, Annette Peters

Validation of smoking status reported by parents and their offspring –The RHINESSA generation study

Kathrine Pape Madsen (København Ø, Denmark), Cecilie Svanes, Andrei Malinovsky, Jögi, Lennart Bråbäck, Christer Janson, Mathias Holm, Jesus Moratalla, Jose Louis Maldonado, Bryndis Benediktsdottir, Caroline Lodge, Randi Jacobsen Bertelsen, Ane Johannessen, Vivi Schlämssen

14:45 - 16:45

Poster Discussion: From donor lung selection and organ preservation to lung transplant outcome**Evaluation of a lung donor score: retrospective analysis of Swiss donor data**

Christian Benden (Zürich, Switzerland), Andreas Elmer, Julius Weiss, John-David Aubert, Paola Gasche-Soccal, Ilhan Inci, Thorsten Krueger, Franz Immer

Microbial profile of donor lungs: data from 2009 to 2016

Priscila Cilene León Bueno De Camargo (SAO PAULO/SP, Brazil), Jose Eduardo Afonso Jr, Silvia Vidal Campos, Rafael Medeiros Carraro, Priscila Borelli Pereira Leite, Liliane Saraiva Mello, Ricardo Henrique de Oliveira Braga Teixeira, Paulo Manuel Pego-Fernandes, Costa Andre Nathan

Creatine supplementation attenuates ischemia-reperfusion injury in lung transplantation

Francine Maria de Almeida (SAO PAULO/SP, Brazil), Angela da Silva Battochio, João Vitor Pithon Napoli, Katiusa Abreu Alves, Manoel Carneiro de Oliveira-Junior, Henrique Takachi Moriya, Paulo Manuel Pêgo-Fernandes, Rodolfo de Paula Vieira, Rogerio Pazetti, Grace Balbin Silva

Effect of heparin on gelatinases during lung preservation in rabbits

Jesus Alquicira (Mexico City, Mexico), Jose Luis Arreola, Mario H Vargas

Ex Vivo Lung Perfusion biopsies and risk factors for early acute rejection

Filippo Patrucco (TORINO, TO, Italy), Elisa Clivati, Giulia Verri, Erika Simonato, Luisa Delsedime, Massimo Boffini, Davide Ricci, Mauro Rinaldi, Caterina Bucca, Paolo Solidoro

Five years of EVLP: a monocentric experience

Letizia Corinna Morlacchi (Milan, Italy), Valeria Rossetti, Paolo Tarsia, Giulia Maria Ruggeri, Lorenzo Rosso, Mario Nosotti, Francesco Blasi, Davide Tosi, Franco Valenza

Preoperative Six-Minute-Walk Test in Lung Transplantation: survival predictor

Nidia Pestana Caires (Funchal, Portugal), Sara Campos Silva, Vania Caldeira, Rita Gerardo, Nicole Murinello, Ana Sofia Santos, Alexandra Borba, Joao Eurico Reis, Paulo Calvino, Ivan Bravio, Fernando Martelo, Joao Cardoso, Luisa Semedo, Jose Fragata

Intraoperative extracorporeal membrane oxygenation versus cardiopulmonary bypass for lung transplantation: A meta-analysis

Dimitrios Magouliotis (Larisa, Greece), Alexis Svokos, Konstantina Svokos, Anne Olland, Gilbert Massard, Vasiliki Tasiopoulou, Dimitris Zacharoulis

Pattern and outcomes of unplanned ICU readmission following lung transplantation

Cristopher Alan Mazo Torre (Barcelona, Spain), Jordi Riera Del Brio, Teresa Pont, Maria Angeles Ballesteros, David Iturbe Fernández, Maria Isabel Real Navacerrada, Ludy Rellan, Silvia Moyano, Jordi Rello, Juan Carlos Robles

One-year outcomes in lung transplant (LTx) patients after 7 days of Mechanical Ventilation (MV) and extracorporeal life support (ECLS) from The RECOVER Program

Cecilia Chaparro (Toronto, ON, Canada), Erica Merman, Priscila Robles, Bruno Bruno, Leslie Chu, Stacey Burns, Claire Thomas, Andrea Matter, George Tomlison, Chung-WaiW Chow, Tereza Martinu, Stephen Juvet, Jussi Tikkanen, Matthew Binnie, Liane Singer, Dmitry Rozenberg, John Granton, Eddy Fan, L Delborso, Shaf Keshavjee, Marcelo Cypel, T Wadell, K Yasufuku, Marc DePerrot, A Pierre, Jill Cameron, Margaret Herridge

Heme scavenging by alpha1-antitrypsin as a potent therapeutic strategy to prevent systemic inflammation and tissue damage after lung transplantation

Sabine Wrenger (HANNOVER, Germany), Sabina Janciauskiene, Srinu Tumpara, Tobias Welte, Malgorzata Wiese, Joanna Chorostowska, Stephan Immenschuh

Role of Alpha 1-antitrypsin and Human Neutrophil Elastase in BALf of lung transplant recipients: preliminary data

Davide Piloni (PAVIA, Italy), Ilaria Ferrarotti, Simona Viglio, Maddalena Cagnoni, Marina Gorrini, Sara Magni, Monica Di Venere, Roberta Salvini, Anna Maria Bardoni, Paolo Iadarola, Federica Meloni

Survival and lung function in double lung transplant recipients with cystic fibrosis

Are Martin Holm (Oslo, Norway), Henrik Auråen, Michael Durheim, Arnt Fiane, Odd Geiran, Hans Henrik Lawaetz Schultz, Martin Iversen

Reliability of computed tomography (CT) quantitative analysis in lung transplantation follow-up.

Caterina Salito (Milano, MI, Italy), Francesca Pennati, Andrea Aliverti, Valeria Rossetti, Maria Pappalettera, Paolo Tarsia, Mario Nosotti, Alessandro Palleschi, Maria Carrinola, Matteo Montoli, Pietro Biondetti

Regional analysis with quantitative computed tomography after lung transplantation.

Caterina Salito (Milano, MI, Italy), Francesca Pennati, Alessandro Palleschi, Luigi Santambrogio, Andrea Aliverti, Letizia Corinna Morlacchi, Domenica Federica Briganti, Paolo Tarsia, Lorenzo Rosso, Paolo Mendogni, Valentina Vespro

Dynamics of the human respiratory virome after transplantation

Alicia Mitchell (Naremburn, Australia), Bassel Mourad, Monique Malouf, Mark Benzimra, Lucy Morgan, Brian Oliver, Allan Glanville

Genetic variation in the STAT3 gene has an impact on survival after lung transplantation

Tobias Heigl (Leuven, Belgium), Hannelore Bellon, Annelore Sacreas, Anke Van Herck, Sofie Ordies, Karen Maes, Thomas Vanhove, Diether Lambrechts, Arne Neyrinck, Dirk Van Raemdonck, Robin Vos, Stijn Verleden, Geert Verleden, Bart Vanaudenaerde

Polymorphisms in immunosuppression transporters affect outcome after lung transplantation.

Hannelore Bellon (LEUVEN, Belgium), Elly Vandermeulen, Anke Van Herck, Annelore Sacreas, Tobias Heigl, Thomas Vanhove, Dieter Lambrechts, Stijn Verleden, Robin Vos, Bart Vanaudenaerde, Geert Verleden

14:45 - 16:45

Poster Discussion: Novel treatments in rehabilitation for chronic respiratory disease

Chairs : Christian Osadnik (Melbourne, VIC, Australia), Margareta Emtner (Uppsala, Sweden)

Physical exercise program remotely monitored on physical fitness of obese women grades II and III.

Eli Maria Pazzianotto-Forti (Capivari, Brazil), Kátia Ferreira Moraes, Silvia Serra Baruki, Darlene Reid

Effects of Telerehabilitation on Dyspnea and Exercise Capacity in Patients with Type 2 Diabetes Mellitus Who Smoked.

Neslihan Durutürk (ANKARA, Turkey), Neslihan Durutürk, Manolya Acar

The challenge of learning motivational interviewing (MI) for pulmonary rehabilitation (PR): clinician perspectives.

Robert Shannon (Southampton, United Kingdom), Rachael Summers, Anne Bruton, Maggie Donovan-Hall

Acquiring skills in motivational interviewing (MI) to enhance adherence to pulmonary rehabilitation (PR).

Robert Shannon (Southampton, United Kingdom), Anne Bruton, Maggie Donovan-Hall

Beyond dissemination: A knowledge translation study to implement and evaluate AECOPD-Mob, a clinical decision-making tool for health care professionals mobilizing hospitalized patients with an acute exacerbation of COPD

Pat Camp (Vancouver, BC, Canada), Gail Dechman, Ori Ben Ari, Alison Hoens, Ashley Kirkham, Rosalyn Jones, Aggie Black, Frank Chung, Preeya Dajee, Amy Ellis, Beena Parappilly, Chiara Singh, Philip Sweeney

Does endurance exercise intensity affect fatigue in sarcoidosis patients?

Anita Grongstad (Slattum, Norway), Nina K pke V llestad, Martijn Spruit, Anne Edvardsen, Line Oldervoll

Ear acupuncture for anxiety in patients with COPD attending pulmonary rehabilitation: a feasibility study

Denise Gibson (Southampton, United Kingdom), Anne Bruton, Peter White

A comparison trial of eight weeks versus twelve weeks of exercise program in interstitial lung diseases.

Ilknur Naz (Izmir, Turkey), Hulya Sahin, Fatma Demirci U csular, Enver Yalın z

Effects of thoracic kinesio taping on pulmonary functions, respiratory muscle strength and functional capacity in COPD patients: a pilot randomized controlled study

Murat Tomruk (ZM R, Turkey), Elvan Kele , Sevgi  zalevli, Aylin  zgen Alpayd n

Effects of core stabilization exercises in patients with asthma

Elif Develi (istanbul, Turkey), Feryal Subasi, G ksen Kuran Aslan, Zuleyha Kaya

Long-term benefits of pulmonary rehabilitation in COPD patients: 2 year follow-up

Abebaw Mengistu Yohannes (Manchester, United Kingdom), Sheila Dryden, Nicola Hanania

Effects of low load/high-repetition resistance training in patients with COPD

Andre Nyberg (Ume , Sweden), Didier Saey, Mickael Martin, Fran ois Maltais

Effect of different resistance intensities in combined training on muscle strength response in COPD

Julia Gianjeppe-Santos (VINHEDO/SP, Brazil), J lia Gianjeppe-Santos, Marina Sallum Barusso-Gr ninger, Valeria Amorim Pires Di Lorenzo

Photobiomodulation's chronic effects by light-emitting diode therapy on peripheral muscle function during a resistance training program in patients with difficult to control asthma: a randomized controlled clinical trial.

Ivan Peres Costa (SAO PAULO/SP, Brazil), Lawrence P Cahalin, Henrique de Oliveira Galli, Priscila Sillis da Silva, Rodolfo de Paula Vieira, Simone Dal Corso, Nivaldo Antonio Parizotto, Ross Arena, Roberto Stirbulov, Luciana Maria Malosa Sampaio

Acute effects of expiratory positive airway pressure on exercise capacity in patients with COPD

Veronica Parreira (BELO HORIZONTE/MG, Brazil), Hugo Pereira, Danielle Vieira, Liliane Mendes, Giane Ribeiro-Samora, Guilherme Fregonezi, Bianca Carmona

Effect of Exercise Training on Gait Parameters and Functional Balance in Obstructive Pulmonary Disease

Naciye Vardar Ya 1 (ANKARA, Turkey), Melda Saglam, Gul Sener, Deniz Inal-Ince, Ebru Calik-Kutukcu, Haluk Tekerlek, Cemile Bozdemir Ozel, Hazal Sonbahar Ulu, Aslihan Cakmak, Hulya Arikan, Lutfi Coplu

The effects of aerobic exercise training on spirometric parameters, respiratory muscle strength and functional capacity in patients after coronary artery bypass surgery.

Semiramis Ozyilmaz (STANBUL, Turkey), Nilgun Gurses, Melih Zeren, Gurkan Cetin

14:45 - 16:45

Oral Presentation: COPD management: new findings from large studies

Chairs : David M. G. Halpin (Exeter Devon, United Kingdom)

Mortality and exacerbation prediction by GOLD groups ABCD 2011 vs. 2017: analysis of the COPDGene cohort

14:45 Carlos Martinez (Ann Arbor, United States of America), Elizabeth Regan, Jessica Bon, Xavier Soler, Surya Bhatt, Wassim Labaki, Susan Murray, John Hokanson, Edwin Silverman, James Crapo, Jeffrey Curtis, Fernando Martinez, Barry Make, MeiLan Han

Frailty and its components predict health-related quality-of-life in middle-aged and elderly COPD people and could identify areas for age-specific interventions: an analysis of the NETT study

15:00 Catherine Meldrum (Ann Arbor, United States of America), Carlos Martinez, Deborah Kloska, Fernando Martinez, MeiLan Han, Janet Larson

Association between emphysema, exacerbations and mortality in the COPDGene and SPIROMICS cohorts

15:15 Meilan Han (Ann Arbor, United States of America), Nabihah Tayob, Victor Kim, Susan Murray, R. Graham Barr, Stephen Rennard, Prescott Woodruff, Christopher Cooper, Richard Kanner, Eugene Bleecker, David Couper, Craig Hersh, Christine Wendt, Mark Dransfield, Jeffrey Curtis, Marilyn Foreman, Richard Casaburi, Barry Make, Gerard Criner, Elizabeth Regan, John Hokanson, Terri Beaty, James Crapo, Edwin Silverman, George Washko, Craig Galban, Brian Ross, Eric Hoffman, David Lynch, Ella Kazerooni, Fernando Martinez

Impact of grouping patients by 2017 GOLD strategy assessment criteria: a post hoc analysis of the TONADO and OTEMTO trials

15:30 Roland Buhl (Mainz, Germany), François Maltais, Roger Abrahams, Lars Grönke, Florian Voss, Dave Singh

Changes in GOLD Classifications: 2011 versus 2017. Do exacerbations have any role in mortality?

15:45 Rebeca Sicilia Torres (LAS PALMAS DE GRAN CANARIA, Spain), C. Cabrera, J.M. Marín, C. Casanova, J.P. De Torres, M. Divo, V. Pinto-Plata, J. Zulueta, B. Celli

CAB score predicts short-term mortality at hospital admission for acute exacerbations of COPD

16:00 Roy T.M. Sprooten (Cadier en Keer, Netherlands), Wouter T. Leijte, Glenn Lawyer, Gernot G.U. Rohde

Sources of origin of the oropharyngeal microbiota in patients with different phenotypes of COPD

16:15 Sergey Fedosenko (Tomsk, Russian Federation), Maria Karnaushkina, Ludmila Ogorodova, Vyacheslav Petrov, Evgeny Kulikov, Natalia Kirillova

14:45 - 16:45

Oral Presentation: Interventional pulmonology highlights 2017

Chairs : Jouke T. Annema (Amsterdam, Netherlands), Felix J.F. Herth (Heidelberg, Germany)

Minimal important difference of lobar volume reduction after valve treatment for emphysema

14:45 Jorrit Welling (Zwolle, Netherlands), Jorine Hartman, Dirk-Jan Slebos, Karin Klooster, Huib Kerstjens, Eva Van Rikxoort, Nick Ten Hacken

The REACH study, a randomized controlled trial assessing the safety and effectiveness of the Spiration Valve System endobronchial therapy for severe emphysema: 12 month follow-up results.

15:00 Guangfa Wang (BEIJING, China), Shiyue li, Changhui Wang, Xinglin Gao, Faguang Jin, Huaping Yang, Baohui Han, Rui Zhou, Chengshui Chen, Liangan Chen, Chunxue Bai, Huahao Shen, Nanshan Zhong

Comparison of quantitative CT (QCT) with Chartis measurement to assess collateral ventilation as predictor of success in endoscopic lung volume reduction with valves

15:15 Maren Schuhmann (Heidelberg, Germany), Daniela Gompelmann, Konstantina Kontogianni, Kanoe Russell, Ralf Eberhardt, Claus Peter Heussel, Jed Sieren, Felix Herth

Visualizing the alveolar compartment in ILD patients by Optical Coherence Tomography

15:30 Lizzy Wijmans (Amsterdam, Netherlands), Daniel de Bruin, Rene Jonkers, Joris Roelofs, Inge van den Berk, Peter Bonta, Jouke Annema

Complete and systematic mediastinal nodal staging for lung cancer (SCORE study)

15:45 Laurence M.M.J. Crombag (Huizen, Netherlands), Christophe Doods, Jouke Annema, Peter Bonta, Daniel Korevaar, Jos Stigt, Kurt Tournoy, Wieneke Buikhuisen, Maarten Ninaber, Olga Schuurbijs, Sayed Hashemi

Needle based confocal laser endomicroscopy for lung cancer staging

16:00 Lizzy Wijmans (Amsterdam, Netherlands), Martijn de Bruin, Sybren Meijer, Peter Bonta, Jouke Annema

Complete endosonographic nodal staging of lung cancer in patients eligible for stereotactic ablative radiotherapy (STAGE study NCT02997449)

16:15 Laurence M.M.J. Crombag (Huizen, Netherlands), Jouke Annema, Edith Dieleman, Peter Bonta, Sayed Hashemi, Wieneke Buikhuisen, Olga Schuurbijs, Artur Szlubowski, Suresh Senan, Anthonie van der Wekken

14:45 - 16:45

Oral Presentation: Lung Cancer: clinical research on exhaled breath, clinical trials in advanced NSCLC and real-life appraisals of immunotherapies

Chairs : Nir Peled (Hod Hasharon, Israel), Chair to be confirmed

Early detection of lung cancer through analysis of VOC biomarkers in exhaled breath: The LuCID study.

14:45 Marc P. C. van der Schee (Amsterdam, Netherlands), Jasper Boschmans, Rob Smith, Russell Parris, Billy Boyle, Duncan Apthorp, Simon Kitchen, Robert C Rintoul, The LuCID Consortium

- 15:00** **Exhaled Breath Analysis for Prediction of Response to Anti-PD1 Therapy in Patients with NSCLC**
Rianne de Vries (Amsterdam, Netherlands), Mirte Muller, Marguerite Wolf-Lansdorf, Paul Baas, Peter J. Sterk, Michel M. Van Den Heuvel
- 15:15** **The safety and efficacy of treatment with nab-paclitaxel and carboplatin for patients with advanced squamous non-small cell lung cancer with interstitial lung disease.**
Tetsuo Fujita (Chiba, Japan), Takuma Hiroishi, Asako Yanagisawa, Noriko Hayama, Hiroyuki Amano, Makoto Nakamura, Satoshi Hirano, Hiroshi Tabeta, Sukeyuki Nakamura
- 15:30** **Phase II study of S-1 with patient-reported outcome evaluation in elderly patients with previously untreated advanced non-small cell lung cancer**
Hirokazu Ogino (Tokushima, Japan), Hisatsugu Goto, Yoshio Okano, Hisanori Machida, Nobuo Hatakeyama, Fumitaka Ogushi, Takashi Haku, Takanori Kanematsu, Tomoyuki Urata, Soji Kakiuchi, Masaki Hanibuchi, Saburo Sone, Yasuhiko Nishioka
- 15:45** **Efficacy of next treatment received after Nivolumab (Nivo) progression in patients (pts) with non-small-cell lung cancer (NSCLC).**
Adrien Costantini (PARIS, France), Jennifer Corny, Vincent Fallet, Sophie Renet, Sylvie Friard, Christos Chouaid, Boris Duchemann, Etienne Giroux-Leprieur, Laurent Taillade, Ludovic Doucet, Marie Wislez, Jean Tredaniel, Jacques Cadranel, Stéphane Jouvessomme
- 16:00** **Efficacy and safety of nivolumab in routine NSCLC treatment – an observational study in 5 lung cancer centers in Berlin, Germany**
Daniel Misch (BERLIN, Germany), Maike de Wit, Christian Grah, Christian Grohé, Jens Kollmeier, Torsten Blum, Nikolaj Frost, Annette Reinecke
- 16:15** **Emerging concern of infectious diseases in lung cancer patients receiving immune checkpoint inhibitor therapy**
Kohei Fujita (Kyoto, Japan), Osamu Kanai, Young Hak Kim, Hironori Yoshida, Tadashi Mio, Toyohiro Hirai

14:45 - 16:45

Oral Presentation: Cardiac function assessment in pulmonary hypertension**Chairs :** Harm Jan H.J. Bogaard (Amsterdam, Netherlands), David Kiely (Sheffield, United Kingdom)

- 14:45** **Goal orientated strategy to preserve right ventricular ejection fraction trial (GOSPEL trial)**
Anna Huis In 'T Veld (Amsterdam, Netherlands), Anna Huis In 'T Veld, Mariëlle C. Van de Veerdonk, Onno A. Spruijt, J. Tim Marcus, Harm Jan Bogaard, Anton Vonk Noordegraaf
- 15:00** **Bilateral proximal CTEPH is associated with worse RV function and RV (mal)adaptation**
Dieuwertje Ruigrok (Rijnsburg, Netherlands), Matthijs Kreft, Anna Huis in 't Veld, Esther J. Nossent, Petr Symersky, Anton Vonk Noordegraaf, Lilian J. Meijboom, Harm Jan Bogaard
- 15:15** **Left ventricular strain and dyssynchrony by CMR Feature tracking in Idiopathic Pulmonary Arterial Hypertension(IPAH)**
Geeshath Jayasekera (GLASGOW, United Kingdom), Kenneth Mangion, Tim Crowe, Alison Mackenzie, Christie McComb, Martin Johnson, Colin Church, Colin Berry, Aleksandra Radjenovic, Andrew Peacock
- 15:30** **Echocardiographic measures of right ventricular function poorly correlate with changes in contractility and coupling in treatment naïve patients with pulmonary artery hypertension before and after therapy.**
Roberto Bernardo (Oklahoma City, United States of America), Kelly Wickstrom, Ankit Desai, Vineet Nair, Rebecca Vanderpool, Franz Rischard
- 15:45** **Prognostic relevance of right atrial function in pulmonary arterial hypertension**
Michele D'Alto (NAPOLI, NA, Italy), Michele D'Alto, Antonello D'Andrea, Paola Argiento, Giancarlo Scognamiglio, Giovanni Di Salvo, Emanuele Romeo, Agostino Mattered Iacono, Giovanni Maria Di Marco, Marialuisa Bocchino, Alessando Sanduzzi, Maria Giovanna Russo
- 16:00** **Right ventricular strain differences between idiopathic and systemic sclerosis Pulmonary Hypertension**
Valentina Mercurio (napoli, Italy), Monica Mukherjee, Ryan Tedford, Ami Shah, Steven Hsu, Rachel Damico, Todd Kolb, Stephen Mathai, Paul Hassoun
- 16:15** **Prognostic value of hemodynamics following treatment initiation in pulmonary arterial hypertension**
Jason Weatherald (Calgary, AB, Canada), Yochai Adir, Athénaïs Boucly, Laurent Savale, Gérald Simonneau, David Montani, Xavier Jaïs, Marc Humbert, Denis Chemla, Olivier Sitbon, Philippe Hervé

14:45 - 16:45

Oral Presentation: Novel mechanisms and treatments for COPD**Chairs :** Reinoud Gosens (Groningen, Netherlands)

- 14:45 Fenspiride efficacy in the treatment of chronic obstructive pulmonary disease**
Valentin Calancea (Chisinau, Republic of Moldova), Sergiu Matcovschi, Nelea Ghicavii, Tatiana Dumitras, Eudochia Terna, Nicolae Bodrug, Doina Barba
-
- 15:00 Impact of the state of endothelium on clinical and functional parameters in COPD patients with arterial hypertension.**
Olga Titova (ST PETERSBURG, Russian Federation), Alexey Shumilov, Natalya Kuzubova
-
- 15:15 The TLR5 agonist flagellin prevents bacteria-induced chronic obstructive pulmonary disease exacerbations in mice.**
Philippe Gosset (LILLE, France), Bachirou Kone, Magdiel Perez-Cruz, Rémi Porte, Christophe Carnoy, Pierre Gosset, François Trottein, Muriel Pichavant
-
- 15:30 EP2 & EP4 receptor agonists inhibit the airway sensory nerves that cause cough, a potential protective control that is lost in human smokers and a pre-clinical COPD model**
Michael Wortley (London, United Kingdom), Sara Bonvini, Sarah Maher, Mark Birrell, Maria Belvisi
-
- 15:45 Gene signatures from U-BIOPRED transcriptomic-associated clusters exist in COPD**
Stelios Pavlidis (London, United Kingdom), Alen Faiz, Dirkje Postma, Wim Timens, Maarten Van Den Berg, Scott Chihhsi Kuo, Kian Fan Chung, Ian Adcock, Yike Guo, Peter J. Sterk, Ratko Djukanovic, Pieter S. Hiemstra, Anthony Rowe
-
- 16:00 Cell Therapy in Patients with Advanced Chronic Obstructive Pulmonary Disease: 3 and 6 months follow up of Six Minute Walk Test, Quality of life and Pulmonary Function**
Elie Fiss (SAO PAULO/SP, Brazil), Selma D. Squassoni, Monica S. Lapa, Eliseo J. Sekiya, Adelson Alves, Andresa Forte, Nadine C. Machado, João T. Ribeiro -Paes
-
- 16:15 COPD exacerbations significantly impact quality of life as measured by SGRQ-C total score: results from the FLAME study**
Nicolas Roche (Paris, France), Jadwiga A Wedzicha, Francesco Patalano, Stefan-Marian Frent, Michael Larbig, Steven Shen, Robert Fogel, Donald Banerji

14:45 - 16:45

Oral Presentation: Many faces of asthma assessment

Chairs : Marco Idzko (Freiburg, Germany), Ayşe Arzu Yorgancıoğlu (ZMR, Turkey)

- 14:45 Metabolomic profiling of serum during allergy immunotherapy in asthmatic children**
Peiyan Zheng (Guangzhou, China), Baoqing Sun
-
- 15:00 Comparable serum periostin levels among a Japanese population with asthma, COPD, and asthma-COPD overlap**
Toshihiro Shirai (Shizuoka, Japan), Keita Hirai, Yasuhiro Gon, Hiromasa Inoue, Shu Hashimoto
-
- 15:15 Non-atopic severe asthma – is it really always non-atopic? The IDENTIFY Project**
Jens Schreiber (Magdeburg, Germany), Claudia Mailaender
-
- 15:30 Multidimensional assessment and targeted therapy of severe asthma: a randomised controlled trial (RCT)**
Vanessa M. McDonald (Newcastle, NSW, Australia), Vanessa Clark, Peter Wark, Katherine Baines, Peter Gibson
-
- 15:45 Cluster analysis of cough asthma variant using forced oscillation technique and FeNO**
Fumika Koike (Kanagawa, Japan), Yoshio Otani, Saki Oyama, Wakaba Furuie, Miho Akaza, Tetsuo Sasano, Kimitake Tsuchiya, Meiyo Tamaoka, Yasunari Miyazaki, Naohiko Inase, Yuki Sumi
-
- 16:00 Correlation between serum leptin level and induced sputum eosinophils in asthmatic patients**
Ying Liang (Beijing, China), Chun Chang, Juan Wang, Yongchang Sun
-
- 16:15 Prevalence of traffic accidents in patients diagnosed with asthma and/or rhinitis**
Nilda Patricia De La Cruz Castro (Jerez de la frontera, Spain), J.G. Soto Campos, J. Rojas Villegas, R. Carmona García, J.M. Galvez Lozano, J.C Rodríguez Fernández, F. Pérez Grimaldi, J.D. Garcia Jimenez, A. Córtes Caballero, C. Cabrera Galán, F. Valenzuela Mateos

17:00 - 17:50

Assembly members' meeting: Assembly 9 Allied respiratory professionals

Aims : The Ceremony for the ERS Travel Grant for Best Abstract in Clinical Respiratory Physiology will take place during the Assembly 9 Members' meeting.

Chairs : Irene Steenbruggen (Zwolle, Netherlands), Martijn A. Spruit (Horn, Netherlands)

17:00 - 18:15

Assembly members' meeting: Assembly 11 Thoracic oncology
Chairs : Nir Peled (Hod Hasharon, Israel), Bogdan Dragos Grigoriu (Brussels, Belgium)

17:00 - 17:50

Group members' meeting: Group 1.5 Diffuse parenchymal lung disease
Chairs : Katerina Antoniou (Heraklion, Crete, Greece), Francesco Bonella (DUSSELDORF, Germany)

17:00 - 17:50

Group members' meeting: Group 3.1 Molecular pathology and functional genomics
Chairs : Philippe Bonniaud (DIJON, France), Aurelie Fabre (Dublin, Ireland)

17:00 - 17:50

Group members' meeting: Group 5.1 Airway pharmacology and treatment
Chairs : Reinoud Gosens (Groningen, Netherlands), Paul Kirkham (Wolverhampton, United Kingdom)

17:00 - 17:50

Group members' meeting: Groups 6.1 Epidemiology & 6.4 Genes and environment
Chairs : Anne Lindberg (Boden, Sweden), Jennifer Quint (Wimbledon, United Kingdom), H. Marika Boezen (Groningen, Netherlands), Erik Melén (Stockholm, Sweden)

17:00 - 17:50

Group members' meeting: Group 6.2 Occupational and environmental health
Chairs : Paul Blanc (San Francisco, United States of America), Paul Cullinan (London, United Kingdom)

17:00 - 17:50

Group members' meeting: Group 6.3 Tobacco, smoking control and health education
Chairs : Paraskevi Katsaounou (Athens, Greece), Sofia Belo Ravara (Covilhã, Portugal)

17:00 - 17:50

Group members' meeting: Group 7.2 Paediatric asthma and allergy
Chairs : Bart L. Rottier (Groningen, Netherlands), Alexander Möller (Zürich, Switzerland)

17:00 - 17:50

Group members' meeting: Group 7.3 Cystic fibrosis; 7.4 Paediatric Respiratory Infection and Immunology & 7.8 Lung and airway developmental biology
Chairs : Ian Balfour-Lynn (London, United Kingdom), Jürg Barben (St. Gallen, Switzerland), Mark Everard (Perth, WA, Australia), Vanessa Craven (Sheffield, United Kingdom), Robbert J. Rottier (Rotterdam, Netherlands), Silvia Carraro (Padova, PD, Italy)

18:00 - 18:50

Group members' meeting: Group 1.2 Rehabilitation and chronic care
Chairs : Ioannis Vogiatzis (ATHENS, Greece), Frits M.E. Franssen (Horn, Netherlands)

18:00 - 18:50

Group members' meeting: Group 1.3 Imaging
Chairs : Aleksandar Grgic (Homburg, Germany), Johan Coolen (Leuven, Belgium)

18:00 - 18:50

Group members' meeting: Group 9.1 Respiratory function technologists/scientists
Chairs : Jellien Makonga-Braaksma (Woudenberg, Netherlands)

18:00 - 18:50

Group members' meeting: Group 9.2 Physiotherapists
Chairs : Daniel Langer (Leuven, Belgium), Chris Burtin (Diepenbeek, Belgium)

18:00 - 18:50

Group members' meeting: Group 9.3 Nurses**Chairs :** Janelle Yorke (MANCHESTER, United Kingdom), Anne-Marie Russell (London, United Kingdom)

18:00 - 18:50

Group members' meeting: Group 3.2 Airway cell biology and immunopathology**Chairs :** Clifford Taggart (Belfast, United Kingdom), Silke Meiners (Munich, Germany)

18:00 - 18:50

Group members' meeting: Group 5.2 Monitoring airway disease**Chairs :** Jose Luis Lopez-Campos Bodineau (SEVILLA, Spain), Florence Schleich (Liège, Belgium)

18:00 - 18:50

Group members' meeting: Groups 7.5 Neonatology and paediatric intensive care; 7.6 Paediatric Respiratory Epidemiology & 7.7 Paediatric Bronchology**Chairs :** Charles Christoph Roehr (Oxford, United Kingdom), Suzanne W.J. Terheggen-Lagro (Amsterdam, Netherlands), Bülent Taner Karadag (Istanbul, Turkey), Liesbeth Duijts (Rotterdam, Netherlands), Kostas Priftis (Haidari, Athens, Greece), Dirk Schramm (DUSSELDORF, Germany), Deborah Snijders (Ponzano Veneto (TV), Italy)

07:00 - 08:15

Challenging clinical cases: CC5 Paediatric non-invasive ventilation**Non-invasive ventilation in chronic respiratory insufficiency**

Aims : This session will focus on two challenging cases that involve paediatric non-invasive ventilation. It will address disease-specific challenges, including the hurdles in implementation and risk management.

Track(s) : Acute and chronic respiratory failure/sleep

Tag(s) : Paediatric

Target audience : Clinician, Intensivist/critical care physician, Junior member, Nurse, Paediatrician, Physiologist, Physiotherapist, Researcher, Resident, Respiratory physician, Sleep specialist/technologist, Student, Trainee

Chairs : Hui Leng Tan (London, United Kingdom)

Non-invasive ventilation in a paediatric patient with a craniofacial disorder

Brigitte Fauroux (Paris, France)

Non-invasive ventilation in a paediatric patient with a neuromuscular disorder

Francois Abel (London, United Kingdom)

07:00 - 08:15

Challenging clinical cases: CC3 Difficult-to-treat respiratory infections

Aims : Two difficult cases will be described. One is a patient who was admitted to the ICU with pleural infection. The other is a patient with a difficult-to-treat pulmonary non-tuberculous mycobacterial infection.

Track(s) : Respiratory infections

Tag(s) : Clinical

Target audience : Clinician, Fellow, Intensivist/critical care physician, Junior member, Microbiologist, Paediatrician, Pulmonologist, Respiratory physician, Student, Thoracic surgeon

Chairs : Charles Feldman (Johannesburg, South Africa)

Lung abscess that needs intervention

Menno M. van der Eerden (Rotterdam, Netherlands)

Pulmonary non-tuberculous mycobacteria

Mehdi Mirsaeidi (Miami, United States of America)

07:00 - 08:15

Challenging clinical cases: CC4 Severe asthma

Aims : This session will focus on two challenging cases of patients who presented with severe asthma. It will address disease-specific challenges, including issues with compliance and risk management. The session will describe how the diagnosis was made and the pathogenetic mechanisms that may be involved. The aim is to increase knowledge about patients with severe asthma and the treatment approaches available.

Track(s) : Chronic airway diseases

Tag(s) : Clinical

Target audience : Clinician, Junior member, Nurse, Paediatrician, Researcher, Resident, Respiratory physician, Student, Trainee

Chairs : Elisabeth H.D. Bel (Amsterdam, Netherlands)

Case 1

Pascal Chanez (Marseille, France)

Case 2

Andrew Menzies-Gow (London, United Kingdom)

08:00 - 10:20

Skills workshop: SW8 Endoscopy

Aims : To provide a comprehensive overview of and provide skills training in different endoscopic procedures.

Tag(s) : Clinical

Target audience : Clinician, Fellow, Junior member, Oncologist, Pulmonologist, Respiratory physician, Respiratory therapist, Thoracic endoscopist

Chairs : Felix J.F. Herth (Heidelberg, Germany)

Introduction

Endoscopic lung volume reduction with valves
Sebastian Fernandez Bussy (SANTIAGO, Chile)

Targeted lung denervation
Dirk-Jan Slebos (Groningen, Netherlands)

Stenting
Maren Schuhmann (Heidelberg, Germany)

Endobronchial ultrasound
Jouke T. Annema (Amsterdam, Netherlands)

08:00 - 10:20

Skills workshop: SW7 Cardiopulmonary exercise test interpretation: tips and pitfalls

Aims : To identify “typical” patterns of response to cardiopulmonary exercise testing and to show how to discriminate these from “anomalous” response profiles that can cause misinterpretation of test results.

Track(s) : Exercise, rehabilitation and physiology

Tag(s) : Basic translational science

Target audience : Allied health professional, Cardiologist, Fellow, Lung function technician, Physiologist, Physiotherapist, Pulmonologist, Researcher, Respiratory physician, Respiratory therapist, Scientist, Student

Chairs : Susan Ward (Crickhowell, United Kingdom)

Introduction

Oxygen uptake: relationship between work and uptake rate
Richard Casaburi (Rancho Palos Verdes, United States of America)

Anaerobic/lactate threshold
Harry Rossiter (Hermosa Beach, United States of America)

Breathing pattern and dynamic hyperinflation
Denis O'Donnell (Kingston, ON, Canada)

Ventilatory efficiency
Paolo Onorati (Alghero, Italy)

08:30 - 10:30

Symposium: ERS Lung Science Conference session "Lung tissue repair and remodelling in chronic lung diseases: mechanisms and therapeutic approaches"

Aims : Chronic lung diseases associate with repair and often a dramatic remodelling of the airways and lung tissue. The aim of this symposium is to present the current knowledge about these processes and describe the diagnostic and therapeutic options that are based on this knowledge.

Track(s) : Chronic airway diseases Interstitial lung disease and vascular disease

Tag(s) : Basic translational science

Target audience : Allied health professional, Clinician, Fellow, General practitioner, Immunologist, Junior member, Lung function technician, Nurse, Paediatrician, Pathologist, Patient, Pharmaceutical industry representative, Physiologist, Physiotherapist, Pulmonologist, Radiologist, Researcher, Resident, Respiratory physician, Respiratory therapist, Scientist, Student, Thoracic endoscopist, Thoracic surgeon, Trainee

Chairs : Catherine Greene (Dublin, Ireland), Sabine Bartel (Borstel, Germany), Rachel Chambers (London, United Kingdom)

08:30 **Wnt signalling in lung repair and remodelling**
Melanie Koenigshoff (Denver, United States of America)

09:00 **Epithelial stem cells and airway tissue engineering**
Sam Janes (London, United Kingdom)

09:30 **The role of basal cells in the aberrant repair of the epithelium in COPD**
Renat R. Shaykhiev (New York, United States of America)

10:00 **Identifying remodelling and therapeutic targets using a small airway-on-a-chip**
Remi Villenave (Boston, United States of America)

08:30 - 10:30

Symposium: State of the Art Session: Lung Cancer**Aims :** This session will provide the state-of-the-art in the following key issues of lung cancer:

- screening for lung cancer
- diagnostic procedures and interventional endoscopic measures
- treatment of non-small cell lung cancer
- integration of palliative care

Track(s) : Lung cancer**Tag(s) :** Clinical**Target audience :** Allied health professional, Anaesthesiologist, Clinician, Fellow, General practitioner, Immunologist, Intensivist/critical care physician, Junior member, Nurse, Oncologist, Pathologist, Physiologist, Psychologist, Public health official, Pulmonologist, Radiologist, Researcher, Resident, Respiratory physician, Respiratory therapist, Scientist, Thoracic endoscopist, Thoracic surgeon, Trainee**Chairs :** Joanna Chorostowska-Wynimko (Warsaw, Poland), Jan van Meerbeeck (Edegem, Belgium)

08:30 Screening for lung cancer through a nation-wide program - lessons learned and moving forward
Speaker to be confirmed

09:00 Diagnostic procedures and interventional endoscopic measures in lung cancer
Ralf Eberhardt (Heidelberg, Germany)

09:30 Treatment of non-small cell lung cancer (NSCLC) - the state of the art and beyond
Nir Peled (Hod Hasharon, Israel)

10:00 Palliative care throughout the lung cancer continuum
Robert Milroy (GLASGOW, United Kingdom)

08:30 - 10:30

Symposium: Air travel for respiratory patients

ERS/ELF joint session

Aims : The session will give a better understanding of patient perspectives and their needs when travelling with a lung condition by air; describe the barriers to air travelling from the perspective of an airline; explore clinical considerations in the assessment of fitness to fly for respiratory patients; and provide a better understanding of how to improve levels of quality of care for respiratory patients planning to travel by air.**Chairs :** Dan Smyth (Dundalk, Ireland), Karl Sylvester (Cambridge, United Kingdom)

08:30 Challenges to travelling with a lung condition: a patient perspective
Matthew Rutter (CAMBRIDGE, United Kingdom)

09:00 Airline policies for using oxygen on a flight

09:30 Managing hypoxia and assessments of respiratory patients
Robina K. Coker (LONDON, United Kingdom)

10:00 Improving the air travel experience for patients who require oxygen
Andy Webb (Brussels, Belgium)

08:30 - 10:30

Grand Round: GR4 Clinical Grand Round: always the same, really?

Interactive case based discussion of challenging cases

Aims : Based on the cases the presenters will describe cases which seem easy on the first look. Going in the details a couple of hurdles appeared and solutions will be discussed with the audience**Track(s) :** Respiratory infections Chronic airway diseases**Tag(s) :** Clinical**Chairs :** Maria Bonsignore (Palermo, PA, Italy), Aran Singanayagam (London, United Kingdom)

08:30 A case on unexplained dyspnea and exercise intolerance: the role of CPET
Pierantonio Laveneziana (Paris, France)

09:00 To be (Tb) or not to be (Tb)
Jan Heyckendorf (HAMBURG, Germany)

09:30 **Managing difficult to treat P-NTM: boredom or challenge**
Luigi Ruffo Codecasa (Milan, Italy)

10:00 **Sounds like Asthma, looks like Asthma, treated as Asthma – but is it really Asthma?**
Daniela Gompelmann (Heidelberg, Germany)

08:30 - 10:30

Hot topics: Hot topic on tobacco prevention and cessation

Tag(s) : Smoking prevention and cessation (HLfL)

Target audience : Allied health professional, Epidemiologist, Junior member, Lung function technician, Occupational therapist, Trainee, General practitioner

Chairs : Carlos Andres Jimenez Ruiz (Madrid, Spain), Wendy Preston (Coventry, United Kingdom), Elif Dagli (Istanbul, Turkey)

08:30 **Smoking Cessation, the most cost effective intervention for the most preventable mortality and morbidity burden**
Sofia Belo Ravara (Covilhã, Portugal)

09:00 **WHO and Tobacco Control. Joining efforts with ERS**
Speaker to be confirmed

09:30 **Updating the knowledge and new evidence on e-cigarette use**
Paraskevi Katsounou (Athens, Greece)

10:00 **What is known and what is not known about heat-non-burn tobacco products?**
Charlotta Pisinger (Glostrup, Denmark)

08:30 - 10:30

Session: ERS/ESC joint session “Open questions in pulmonary vascular diseases”

Aims : During the last five years, an incredible advance has been witnessed in the management of pulmonary vascular diseases, with the development of new therapeutical strategies and also new treatment modalities. Along with this rapidly changing scenario, there are many special questions that need to be better addressed. The aim of this joint symposium is to highlight the existing data regarding this questions, pointing out the research perspectives for the near future.

Track(s) : [Interstitial lung disease and vascular disease](#)

Tag(s) : Clinical

Target audience : Cardiologist, Pulmonologist, Clinician

Chairs : Irene Lang (Vienna, Austria), Rogério De Souza (Sao Paulo, Brazil)

08:30 **Ceremony for the ERS Pulmonary Arterial Hypertension Lifetime Achievement Research Award**
Rogério De Souza (Sao Paulo, Brazil)

08:40 **Special Lecture: Anorectic drugs and pulmonary circulation - a tribute to François Brenot**
Gérald Simonneau (Le Kremlin-Bicêtre, France)

09:07 **Duration of treatment in acute pulmonary embolism: time for a change?**
David Jiménez Castro (Madrid, Spain)

09:34 **Different treatment modalities in chronic thromboembolic pulmonary hypertension: how to combine them?**
Olivier Sitbon (Le Kremlin-Bicêtre, France)

10:02 **Pulmonary vein stenosis after pulmonary vein isolation for atrial fibrillation: diagnosis and treatment**
Nazzareno Galiè (Bologna, BO, Italy)

08:30 - 10:30

Session: ERS/EASYM/CompMed joint session "Towards personalised medicine for airways disease"

Deep phenotyping using omics approaches will revolutionise future treatment strategies

Aims : After this session the audience will have gained a better understanding of the need for personalised medicine in chronic airways diseases such as asthma and COPD; received a state-of-the-art knowledge on systems biology concepts, the importance of standardised data collection and analysis in the context of genetics, epigenetics, metabolomics and microbiome; and an update on how this approach has led to new understanding of disease mechanisms and lead to new therapies for children and adults.

Track(s) : Chronic airway diseases**Tag(s) :** Basic translational science, Clinical**Target audience :** Allergologist, Allied health professional, Clinician, Fellow, General practitioner, Immunologist, Junior member, Lung function technician, Nurse, Paediatrician, Patient, Pharmaceutical industry representative, Public health official, Pulmonologist, Researcher, Resident, Respiratory physician, Respiratory therapist, Scientist, Social worker, Student, Trainee**Chairs :** Peter J. Sterk (Amsterdam, Netherlands), Silvia Carraro (Padova, PD, Italy)**08:30** **Personalised prevention of childhood asthma**
Hans Bisgaard (HELLERUP, Denmark)**09:00** **The systems medicine toolbox**
Bertrand De Meulder (LYON, France)**09:30** **Systems medicine of COPD**
Josep Roca Torrent (BARCELONA, Spain)**10:00** **Systems biology in respiratory medicine: bringing the pieces together**
Anke-Hilse Maitland-van der Zee (Amsterdam, Netherlands)

08:30 - 10:30

Session: International Guidelines for the management of Hospital acquired pneumonia**Aims :** To review in depth the current epidemiology of HAP and VAP
To review in perspective and give new insights about the diagnosis of HAP/VAP
To show the new International ERS/ESCIM/ECCMID/ALAT recommendations
To discuss antibiotic treatment of HAP/VAP beyond guidelines including new options**Track(s) :** Respiratory infections**Tag(s) :** Clinical**Target audience :** Anaesthesiologist, Clinician, Epidemiologist, Intensivist/critical care physician, Junior member, Microbiologist, Pulmonologist, Researcher, Respiratory physician, Scientist**Chairs :** Tobias Welte (Hannover, Germany), Gianluigi Li Bassi (Barcelona, Spain)**08:30** **Epidemiology of HAP/VAP: The real burden**
Ignacio Martin-Loeches (Dublin 8, Ireland)**09:00** **Diagnosis of HAP/VAP today****09:30** **International Recommendations for HAP and VAP**
Antoni Torres (Barcelona, Spain)**10:00** **Antibiotic treatment considerations beyond guidelines**
Michael S Niederman (New York, United States of America)

08:30 - 10:30

Poster Discussion: From respiratory muscles to acute respiratory failure**Chairs :** Marcus Schultz (Amsterdam, Netherlands), Andrea Cortegiani (Palermo, Italy)**Local expression of hormone receptors seems to play a role in the genesis of idiopathic tracheal stenosis**
Johannes Schweipert (Nuremberg, Germany), Jan Erik Balandat, Viktor Bonkowsky, Dietmar Kraus**High-flow oxygen therapy in hypercapnic patients recovering from an episode of acute-on-chronic respiratory failure**
Federico Longhini (Borgomanero, NO, Italy), Lara Pisani, Ramona Lungu, Vittoria Comellini, Gianmaria Cammarota, Andrea Bruni, Eugenio Garofalo, Paolo Navalesi, Stefano Nava, Maria Laura Vega**Complexity and criticality of hospitalized patients in Pulmonology Centers (COMPASS Study)**
Adriano Vaghi (Bollate, Italy), Angelo Gianni Casalini, Maria Maddalena Lo Storto, Giuseppe Fiorentino, Franco Pasqua, Andrea Vianello, Giulio Donazzan, # On Behalf Of Compass/Aipo Study Group**Use of a new isokinetic device oriented by software for inspiratory muscle training in prolonged weaning**
Leonardo Souza (RIO DE JANEIRO/RJ, Brazil), Bruno Guimarães, Jocemir Lugon**Relation between serum interleukin-6 and respiratory and hemodynamic responses during weaning from mechanical ventilation**
Christina Routsis (ATHENS, Greece), Efstratia Charitidou, Vasilis Pappas, Achileas Giannopoulos, Spyros Zakynthinos

Limitations of superficial EMG estimate of parasternal intercostal muscle activity

Giovanni Tagliabue (Calgary, AB, Canada), Micheal Ji, Jenny Jagers, Devin Dean, Eric Wilde, Paul Easton

Regulation of proteolytic pathways by reactive oxygen species in the diaphragm during prolonged mechanical ventilation

Sabah Hussain (Montréal, QC, Canada), Nikolay Moroz, Anna Perez, Karen Maes, Jean-Philippe Leduc-Gaudet, Flavia Stana, Ghislaine Gayan-Ramirez

Mechanical Power in children and adults with and without ARDS

Mariateresa Guanzirolì (milan, Italy), Davide Chiumello, Miriam Gotti, Antonella Marino, Massimo Cressoni, Chiara Chiurazzi, Luciano Gattinoni

Tidal volume's effect on mechanical power in children with and without ARDS.

Mariateresa Guanzirolì (milan, Italy), Davide Chiumello, Antonella Marino, Massimo Cressoni, Miriam Gotti, Chiara Chiurazzi, Luciano Gattinoni

Protective effect of Polydexyribonucleotide against lipopolysaccharide-induced acute lung injury in rats

So Hee Park (Seoul, Republic of Korea), Jee-Hong Yoo, Boksoon Chang, Yong Suk Jo, Min A Park

Percentage Change in Diaphragmatic Thickness is a Good Predictor of Successful Weaning from Mechanical Ventilation

Neetu Jain (Rohtak, India), Mukesh Sharma, Dhruva Chaudhry

Utility of SpO₂/FiO₂ ratio in patients with acute hypoxemic respiratory failure and bilateral opacities in ICU.

Yosuke Fukuda (Tokyo, Japan), Akihiko Tanaka, Hironori Sagara

Evolution of acute respiratory failure in medical and surgical septic patients: a 5 years retrospective study

Gianluca Zani (Ravenna, Italy), Marina Diamanti, Roberto Righetti, Massimo Terenzoni, Silvia Mescolini, Cecilia Nencini, Federico Domenico Baccarini, Maurizio Fusari, Francesco Menchise

Loss of CFTR causes endothelial barrier failure in pneumonia via inhibition of WNK1 and TRPV4 activation

Lasti Erfinanda (Berlin, Germany), Zou Lin, Birgitt Gutbier, Katrin Reppe, Jasmin Lienau, Andreas Hocke, Wolfgang Liedtke, Martin Witzernath, Wolfgang Michael Kuebler

Effects of position and open chest on lung and chest wall resistance during thoracic surgery

Michele Umbrello (Milano, Italy), Paolo Formenti, Giovanni Mistraretti, Francesco Vetrone, Antonella Marino, Giordano Vergani, Alessandro Baisi, Davide Chiumello

Comparison between high-flow nasal cannula oxygen therapy and non-invasive ventilation for respiratory care: a Japanese cross-sectional multicenter survey

Michiko Hibi (Ogaki, Japan), Akira Shiraki, Kazuma Nagata, Yuichiro Nei, Susumu Sato, Naoki Nishimura, Shinyu Izumi, Ryo Tachikawa, Keisuke Tomii

Correlations among respiratory pressures, peripheral muscle strength and functional capacity of non-ventilated patients in an ICU

Maria Karoline de França Richtmoc (Recife, Brazil), Wagner Souza Leite, Carlos Eduardo Santos Rego Barros, Amina Maria Soares Lima, Wildberg Alencar, Maria Inês Remigio, Daniella Cunha Brandão, Armele Dornelas de Andrade, Shirley Lima Campos, Raissa Farias Correia

08:30 - 10:30

Poster Discussion: Clinical and physiological challenges in noninvasive ventilation**Chairs :** Michael Dreher (Aachen, Germany), Chair to be confirmed**Sleep related respiratory events during non-invasive ventilation of patients with chronic hypoventilation**

Sigurd Arnt Aarrestad, Magnus Qvarfort, Elin Tollefsen, Anne Louise Kleiven, Jean-Paul Janssens, Ole Henning Skjøsberg

Treatment of dyspnea in do-not-intubate (DNI) patients: is NIV a sensible option?

Giulia Spoletini (Leeds, United Kingdom), Lara Pisani, Najia Idrees, Trung Tien, Chiara Mega, Alia Khoja, Marco Mantero, Francesco Blasi, Stefano Nava, Nicholas Hill, Ami Chi

Early predictors of NIV failure in AECOPD

Biljana Joveš-Sević (Sremska Kamenica, Republic of Serbia), Dušanka Obradović, Ivana Stojković, Jelena Repić

Average volume assured pressure support ventilation (AVAPS) mode in management of acute hypercapnic respiratory failure

Lamia Shaaban (ASSIUT, Egypt), Ashraf Zin, Shereen Farghaly

High Flow Nasal Cannula oxygen therapy for Do-Not-Intubate patients with advanced cancer

Tina Kamei (Tokyo, Japan), Yusuke Okuma, Makiko Yomota, Reshina Sone, Keiko Tanaka

Evaluation of remote monitoring in home mechanical ventilation

Denise Gibson (Southampton, United Kingdom), Sarah Ewles

Targeted-volume non invasive ventilation (NIV) after extubation in medical intensive care unit

Vorawut Thanthitaweeewat (Bangkok, Thailand), Naricha Chirakalwasan

Respiratory center response to hipercapnia after NIV treatment in OHS patients

Ines Ruiz Alvarez (Aviles (Asturias), Spain), Ramon Fernández Álvarez, Gemma Rubinos Cuadrado, Marta Iscar Urrutia, Maria Jose Vazquez Lopez, Tamara Hermida Valverde, Lucia Garcia Alfonso, Pere Casan Clara

Chronic respiratory failure in myotonic dystrophy type 1 (DM1): Incidence & risk factors

Marie-Anne Melone (Rouen, France), Maxime PATOUT, Antoine CUVELIER, Anne-Laure BEDAT-MILLET, Lucie GUYANT-MARECHAL, Alice GOLDENBERG, Anne-Marie GUERROT, Catherine TARDIF, Florence PORTIER, Sarah GROTO, Marie NETCHITAILO

Survival factors of amyotrophic lateral sclerosis patients under pneumology follow-up

Natalia Pascual Martinez (CORDOBA, Spain), Silvia Martín Bote, Francisca Montoro Ballesteros, Cristina Esteban Amarilla, Nuria Feu Collado, Bernabé Jurado Gámez

Home mechanical ventilation registration in Greece. Preliminary results from the Hellenic HMV Network

Evangelia Serasli (THESSALONIKI, Greece), Irini Lekka, Vasilis Kilintzis, Theodoros Moysiadis, Michalis Agrafiotis, Katerina Fekete, Dimitris Lagonidis, Athanasia Pataka, Kostas Porpodis, Vasiliki Paschidou, Paschalis Steiropoulos, Georgia Trakada, Georgia Chasapidou, Despina Ioannidou, Vassilis Koulouras, Dimitris Matamis, Christina Matei, Maria Sdougka, Elena Volakli, Nikos Maglaveras, Venetia Tsara

Early non-invasive ventilation versus conventional oxygen therapy in immunocompromised patients with respiratory failure: a meta-analysis

Ralph Elvi Villalobos (Manila, Philippines), Ulysses King Gopez, Karen Marie Flores, Norman Maghuyop

NIV in Duchenne Muscular Dystrophy : A qualitative study

Helen Molloy (Leeds, United Kingdom), Victoria Beesley, Dipansu Ghosh, Mark Elliot

Predicting mortality and intubation risk in patients requiring NIV: external validation of the SAPS3-CNIV score.

Francesco Piccolo (Perth, Australia), David Manners, Simon Jones, Erin Cecins, Taha Huseini

Non-invasive ventilation with autotitrating EPAP maybe confirm successful likelihood of extubation for COPD patients with ST-segment elevation myocardial infarction

BoXue Han (Beijing, China), Yunxi Song, Suiyang Zhang, Meilin Liu, Dongxia Wang, Xincheng Qiu, Ying Wang, Tingting Wu, Juan Ren, Hui Liu

Prognosis of patients undergoing non-invasive ventilation (NIV) according to hospitalization ward.

Natalia Fouz Rosón (SEVILLA, Spain), Carolina Panadero Paz, Concepción Romero-Muñoz, Virginia Almadana-Pacheco, Cristina Benito-Bernáldez, Pedro Juan Rodríguez-Martín, Agustín Valido-Morales

Comparison of response to aerosol drug delivery with mesh and jet nebulizers during non-invasive ventilation (NIV) in acute exacerbation of COPD.

Sergey Avdeev (MOSCOW, Russian Federation), Galia Nuralieva, Aung Kiaw Soe, James Fink

Hypnotics did not worsen a prognosis of patients receiving long-term oxygen and/or noninvasive ventilation

Tomomasa Tsuboi (Joyo, Japan), Toru Oga, Takefumi Saito, Shohei Takata, Shuichi Yano, Tetsuro Ohdaira, Tetsuji Kawamura, Toru Yamanaka, Masahiro Abe, Kensuke Sumi, Kazuo Chin

08:30 - 10:30

Poster Discussion: Bronchodilators and bronchoprotectors**Chairs :** Kian Fan Chung (London, United Kingdom), Klaus Friedrich Rabe (Großhansdorf, Germany)**Tiotropium bromide: Efficacy and safety in complex treatment of COPD**

Mariana Kulynych-Miskiv (Galych, Ukraine), Mykola Ostrovskyy, Kseniia Ostrovska, Oleksandr Varunkiv, Iryna Savelikhina

A randomized placebo and active controlled trial of AZD8871 a novel dual acting bronchodilator in COPD patients

Dave Singh (Manchester, United Kingdom), Carol Astbury, Lali Jimenez, Beatriz Seoane, Cristina Villarroel, Victor Balaguer, Alejandra Lei, Ajay Aggarwal

Bronchoprotective tolerance with indacaterol is not modified by concomitant tiotropium in persistent asthma

Sunny Jabbal (Dundee, United Kingdom), Arvind Manoharan, Brian Lipworth

Smart Watch-based Coaching with Tiotropium and Olodaterol Ameliorates Physical Activity in Chronic Obstructive Pulmonary Disease Patients

Esteban Gabazza (Tsu-Mie, Japan), Osamu Hataji, Yoichi Nishii, Kentaro Ito, Tadashi Sakaguchi, Haruko Saiki, Yuta Suzuki, Tetsu Kobayashi, Corina D'Alessandro-Gabazza, Osamu Taguchi, Hajime Fujimoto

Indacaterol/glycopyrronium (IND/GLY) reduces the risk of clinically important deterioration (CID) in patients with moderate COPD: Results from the CRYSTAL study

Timm Greulich (MARBURG, Germany), Konstantinos Kostikas, Mina Gaga, Maryam Aalamian-Mattheis, Francesco Patalano, Xavier Nunez, Veronica Anna Pagano, Andreas Clemens, Robert Fogel, Claus F. Vogelmeier

Delayed time to first and subsequent exacerbations independent of season with indacaterol/glycopyrronium (IND/GLY) compared with salmeterol/fluticasone (SFC): the FLAME study

Kenneth R. Chapman (Toronto, ON, Canada), Konstantinos Kostikas, Petter Olsson, Chau Thach, Francesco Patalano, Robert Fogel, Donald Banerji

Indacaterol/glycopyrronium (IND/GLY) reduces days with COPD exacerbation vs salmeterol/fluticasone (SFC) independent of PRO tool: results of the FLAME study

Jadwiga Wedzicha (London, United Kingdom), Kenneth R Chapman, Stefan-Marian Frent, Steven Shen, Francesco Patalano, Michael Larbig, Robert Fogel, Donald Banerji

Bronchoprotective activity and safety evaluation of the novel antimuscarinic/ β_2 agonist (MABA) CHF6366 in dogs

Chiara Carnini (PARMA, PR, Italy), Nicola Cesari, Karin Rudolph, Edward Barrett, Riccardo Patacchini, Maurizio Civelli, Gino Villetti, Ramesh Chand

In vitro pharmacological characterization of the novel inhaled bronchodilator CHF6366 acting as dual muscarinic antagonist/ β_2 -agonist (MABA)

Fiorella Pastore (PARMA (PR), Italy), Giorgia Volpi, Vanessa Pitozzi, Mariapia Branà, Fabio Rancati, Laura Carzaniga, Fabrizio Facchinetti, Riccardo Patacchini, Gino Villetti, Maurizio Civelli, Andrea Rizzi, Maurizio Delcanale

Contractile effects of NaV1.5 current in rabbit bronchial smooth muscle.

Keith Thornbury (Dundalk, Ireland), Lorraine Martin, Eamonn Bradley, Mark Hollywood, Gerard Sergeant, Noel McHale

N-Acetylcysteine protects human bronchi via inhibiting neurokinin A

Luigino Calzetta (ROMA, RM, Italy), Paola Rogliani, Francesco Facciolo, Barbara Rinaldi, Maria Gabriella Matera, Mario Cazzola

The impact of tiotropium for exercise induced bronchoconstriction

Kunihiko Terada (Himeji city, Japan), Tadayuki Terada

Tiotropium treatment for bronchiectasis (ROBUST): a randomized, placebo-controlled, crossover trial

Conroy Wong (Auckland, New Zealand), Catherina Chang, Chris Lewis, Alain Vandal, Lata Jayaram, Stuart Jones, David Milne, Noel Karalus, Cecilia Tong, Gene Jeon, Jill Bell, Christine Tuffery, Wendy Fergusson, Sandra Hotu

Interaction between tiotropium bromide and olodaterol in human bronchial smooth muscle

Mario Cazzola (ROMA, RM, Italy), Luigino Calzetta, Paola Rogliani, Francesco Facciolo, Maria Gabriella Matera

A randomized placebo controlled trial of AZD8871 a novel dual acting bronchodilator in asthmatics.

Lali Jimenez, Carol Astbury, Beatriz Seoane, Cristina Villarroel, Helena Pujol, Maria-Jesus Bermejo, Ajay Aggarwal, Muna Albayaty

Efficacy and safety of revefenacin (REV), a long-acting muscarinic antagonist for nebulization: results of replicate randomized, double-blind, placebo-controlled, parallel-group phase 3 trials in participants with moderate to very severe COPD

Gary Ferguson (Farmington Hills, United States of America), Krishna K. Pudi, Gregory Feldmann, Srikanth Pendyala, Chris N. Barnes, Edmund J. Moran, Glenn Crater, Brett Haumann

One year change in health status in patients with stable Chronic Obstructive Pulmonary Disease (COPD) under long-acting bronchodilators treatment

Chen Wang (Beijing, China), Kewu Huang, Jinping Zheng, Yanfei Guo, Hong Zhang, Jie Cao, Wei Zhang, Xuchu Hong, Wei Gu, Xiaoge Wang, . INTACT study investigators

Clinical synergism of LABA/LAMA combinations in COPD patients

Paola Rogliani (ROMA, RM, Italy), Luigino Calzetta, Josuel Ora, Ermanno Puxeddu, Mario Cazzola, Maria Gabriella Matera

08:30 - 10:30

Poster Discussion: Asthma genetics and genomics in patients and populations

Chairs : Chair to be confirmed

A Genome Wide Association Study of Moderate-Severe Asthma in subjects from the United Kingdom

Ian Sayers (Nottingham, Nottinghamshire, United Kingdom), Nick Shrine, Maria Soler-Artigas, Michael Portelli, Neil Bennett, Ioanna Ntalla, Amanda Henry, Charlotte Billington, Dominic Shaw, Zara Pogson, Andrew Fogerty, Trish McKeever, Leon Jonker, Amisha Singapuri, Liam Heaney, Adel Mansur, Rekha Chaudhuri, Neil Thomson, John Holloway, Gabrielle Lockett, Peter Howarth, Ratko Djukanovic, Jenny Hankinson, Richard Niven, Angela Simpson, Kian Chung, Peter Sterk, John Blakey, Ian Adcock, Martin Tobin, Ian Hall, Chris Brightling, Louise Wain

Genome-wide association study of wheezing phenotypes in the Avon longitudinal study of parents and children

Raquel Granell (BRISTOL, United Kingdom), John Henderson, Jonathan Sterne

Genome-wide association study of asthma exacerbations in European children treated with inhaled corticosteroids

Susanne J. H. Vijverberg (Utrecht, Netherlands), Natalia Hernandez-Pacheco, Niloufar Farzan, Ben Francis, Carlos Flores, Maximilian Schieck, Patricia Soares, Leila Karimi, Roger Tavendale, Vojko Berce, Katja Repnik, Katia Verhamme, Uroš Poto Nik, Somnath Mukhopadhyay, Munir Pirmohamed, Colin Palmer, Steve Turner, Daniel Hawcutt, Michael Kabesch, Maria Pino-Yanes, Anke-Hilse Maitland-Van Der Zee

Significance of microRNAs in allergic asthma patients.

Ender Coskunpinar (Istanbul, Turkey), Gokhan Cebeci, Engin Aynaci, Aysun Aynaci, Zeynep Egri Kansu, Ekrem Cengiz Seyhan, Erdo an Kunter

Different genetics background of patients with latent tuberculosis infection versus active tuberculosis

Elena Bragina (Tomsk, Russian Federation), Nadezda Babushkina, Anna Garaeva, Irina Goncharova, Alexey Rudko, Maxim Freidin

TRPV1 and TRPV2 are up-regulated in the airways of asthma patients with osmotic airway hyperresponsiveness

Olesya Kotova (Blagoveshchensk, Russian Federation), Denis Naumov, Anna Prikhodko, Juliy Perelman, Victor Kolosov

TRPV4 single nucleotide polymorphisms and airway inflammation in asthma

Denis Naumov (Blagoveshchensk, Russian Federation), Olesya Kotova, Anna Prikhodko, Sergey Zinovyev, Juliy Perelman, Victor Kolosov

Gene expression in bronchial biopsies from subjects with persistent asthma and asthma in remission

Cornelis Vermeulen (Groningen, Netherlands), Judith Vonk, Dirkje Postma, Cheng-Jian Xu, Nick ten Hacken, Wim Timens, Irene Heijink, Martijn Nawijn, Antoon van Oosterhout, Karen Affleck, Gerard Koppelman, Maarten van den Berge

Polymorphisms of the aph-1 homolog A, gamma-secretase subunit (APH1A) gene in Japanese patients with aspirin-exacerbated respiratory disease (AERD).

Ryosuke Souma (Koshigaya-shi, Saitama, Japan), Kenya Koyama, Akemi Koyama, Shyuzo Abe, Kentaro Nakano, Naruo Yoshida, Hiroyoshi Watanabe, Tomoshige Wakayama, Shingo Tokita, Masamitsu Tatewaki, Hideyuki Satoh, Hirokuni Hirata, Kumiya Sugiyama, Yasutsugu Fukushima, Junichiro Morioka

Assessing the feasibility of GSK's clinical genetic data re-use for drug target identification and validation: A respiratory case study

Astrid Yeo (Stevenage, United Kingdom), Karen King, Beth Harris, Zhengyu Xue, Toby Johnson, Soumitra Ghosh

Association of BMI, adipokines and genetic variation with lung function

Andria Christodoulou (Nicosia, Cyprus), Despo Ierodiakonou, Michael Petrou, Stephanos Kales, David Christiani, Christos Mantzoros, Costas Christophi

A transcriptomic comparison between nasal and bronchial airway epithelia from children.

Thomas Iosifidis (Perth, WA, Australia), Stephen Stick, Anthony Bosco, Denise Anderson, Kak-Ming Ling, Peter Wark, Anthony Kicic, Darryl Knight

08:30 - 10:30

Poster Discussion: Cystic fibrosis: treatments and monitoring**Chairs :** Stefano Aliberti (Milan, Italy), Harm Tiddens (Rotterdam, Netherlands)**Risk factors for lung disease progression in children with cystic fibrosis; a longitudinal cohort study**

Kim D. G. van de Kant (Maastricht, Netherlands), Marieke van Horck, Bjorn Winkens, Geertjan Wesseling, Vincent Gulmans, Han Hendriks, Chris van der Grinten, Quirijn Jobsis, Edward Dompeling

Lumacaftor-Ivacaftor combination therapy in Phe508del homozygous CF patients with end-stage lung disease – preliminary results

Christian Murer (Luzern, Switzerland), Lars Huber, Thomas Kurowski, Astrid Hirt, Cécile Robinson, Urs Bürgi, Christian Benden

Forecasting long-term clinical and economic outcomes of lumacaftor/ivacaftor in cystic fibrosis patients with homozygous phe508del mutation

Piyameth Dilokthornsakul (Muang, Phitsanulok, Thailand), Muasum Patidar, Jonathan Campbell

Examining the effects of the Gly551Asp mutation on CT outcomes in children with cystic fibrosis

Lijun Clara Mok (Perth, WA, Australia), Tim Rosenow, Stephen Stick, Lidija Turkovic

Nutritional status and pulmonary and respiratory muscle function in children and young people with cystic fibrosis

Niovi Papalexopoulou (London, United Kingdom), Alan Lunt, Theodore Dassios, Fiona Bartlett, Felicity Perrin, Hilary Wyatt, Anne Greenough

Respiratory rate in infants with Cystic Fibrosis and healthy controls throughout the first year of life.

Insa Korten (Bern, Switzerland), Elisabeth Kieninger, Sophie Yammine, Giulia Gangiano, Claudia E. Kuehni, Nicolas Regamey, Urs Frey, Carmen Casaulta, Ben Spycher, Philipp Latzin

Dynamic hyperinflation and daily physical activity in adults with cystic fibrosis

Daniela Savi (Cantalupo in Sabina, Rieti, Italy), Marcello Di Paolo, Nicholas Simmonds, Serena Quattrucci, Giuseppe Cimino, Paolo Palange

Observational study of respiratory tract microflora in CF patients over a 15-year period

Victoria Sherman (Moscow, Russian Federation), Elena Kondratieva, Lidia Shabalova, Svetlana Polikarpova, Nadejda Pivkina, Anna Voronkova, Victoria Nikonova, Elena Amelina, Stanislav Krasovsky

Subspecies distribution of Mycobacterium abscessus in adult cystic fibrosis (CF) and non-CF patients

Max Salfinger (Denver, United States of America), Charles L Daley, Jerry A Nick, Rachael R Rodger, Niels K Helstrom, Theresa Savidge, Valerie Rodriguez

Predicting the outcome of respiratory Pseudomonas aeruginosa infection in vivo

Aduragbemi Faniyi (BELFAST, United Kingdom), Michael Tunney, Rebecca Ingram

Does Pseudomonas status affect exercise capacity in CF?

Elpida Hatziagorou (Thessaloniki, Greece), Asterios Kampouras, Vasiliki Avramidou, Vasiliki Georgopoulou, Fotis Kirvasilis, John Tsanakas

Functional magnetic resonance imaging and lung function tests in cystic fibrosis

Sylvia Nyilas (Bern, Switzerland), Grzegorz Bauman, Gregor Sommer, Enno Stranzinger, Orso Pusterla, Urs Frey, Insa Korten, Florian Singer, Carmen Casaulta, Oliver Bieri, Philipp Latzin

LCI in young children with CF – N2 or SF6?

Mirjam Stahl (Heidelberg, Germany), Cornelia Joachim, Mark Wielpütz, Marcus Mall

Potential utility of the N2 VC SBW test in cystic fibrosis (CF)

Sanna Kjellberg (Skara, Sweden), Anders Lindblad, Paul Robinson, Marita Gilljam, Per Gustafsson

Inter-test reproducibility of the lung clearance index measured by multiple breath washout

Esther Oude Engberink (Nijmegen, Netherlands), Sanja Stanojevic, Stephanie Davis, George Retsch-Bogart, Felix Ratjen

Real-time exhaled breath analysis identifies altered metabolic signature in cystic fibrosis

Thomas Gaisl (Zürich, Switzerland), Lukas Bregy, Nina Stebler, Martin Gaugg, Tobias Bruderer, Diego García-Gómez, Alexander Möller, Florian Singer, Esther Schwarz, Christian Benden, Pablo M-L Sinues, Renato Zenobi, Malcolm Kohler

08:30 - 10:30

Poster Discussion: Primary ciliary dyskinesia and air pollution

Tag(s) : Smoking prevention and cessation (HLfL)

Chairs : Liesbeth Duijts (Rotterdam, Netherlands), Myrofora Goutaki (Bern, Switzerland)

Primary ciliary dyskinesia: first report from Colombia

Santiago Ucros Rodríguez (BOGOTA, Colombia), Andrea Méndez, Rafael Andrade, Margarita Díaz, Sandra Quiroga, Alfredo Pérez

Evolution of Primary Ciliary Dyskinesia (PCD) diagnostic testing in Europe

Florian Halbeisen (Bern, Switzerland), Myrofora Goutaki, Elisabeth Maurer, Mieke Boon, Carmen Casaulta, Suzanne Crowley, Claire Hogg, Bülent Karadag, Cordula Koerner-Rettberg, Henryk Mazurek, Uur Özçelik, Francesca Santamaria, Nicolaus Schwerk, Panayiotis Yiallourous, Jane Lucas, Claudia Kuehni

Towards standardized follow-up care for patients with Primary Ciliary Dyskinesia (PCD)

Myrofora Goutaki (Bern, Switzerland), Florian S. Halbeisen, Claire Hogg, Carmen Casaulta, Israel Amirav, Juerg Barben, Eduardo Moya, Kim G. Nielsen, Guillaume Thouvenin, Jane S. Lucas, Claudia E. Kuehni

New portable nasal nitric oxide (nNO) analyser differentiates primary ciliary dyskinesia (PCD) from healthy individuals.

Jane Lucas (Southampton, United Kingdom), Margaret Leigh, Nicole Beydon, Thomas Ferkol, Kim Nielsen, Claudius Werner, Steven Strausbaugh, Stephanie Davis, Cros Nt, Ali Kermani, Ulla Seppala, Margot Macdonald-Berko, Kathleen Rickard

A decision analysis approach for the development of an evidence based diagnostic algorithm for Primary Ciliary Dyskinesia.

Panayiotis Kouis (NICOSIA, Cyprus), Stefania I. Papatheodorou, Nicos Middleton, Kyriacos Kyriacou, John S. Evans, Panayiotis K. Yiallourous

Ten years' experience of Primary Ciliary Dyskinesia Diagnostic Testing

Bruna Rubbo (Southampton, United Kingdom), Laura Behan, Ana Paula Lima de Queiroz, Patricia Goggin, Claire Jackson, Samantha Packham, Woolf Walker, Jane Lucas

A high prevalence CCDC103 p.His154Pro mutation causing primary ciliary dyskinesia is associated with normal diagnostic investigations

Amelia Shoemark (London, United Kingdom), Eduardo Moya, Robert A Hirst, Mitali P Patel, Evelyn Robson, Jane Hayward, Juliet Scully, Mahmoud R Fassad, Miriam Schmidts, Mellisa Dixon, Ramila S Patel-King, Andrew Rogers, Andrew Rutman, Claire L Jackson, Patricia Goggin, Sarah Ollosson, Siobhán Carr, Woolf Walker, Beryl Adler, Michael R Loebinger, Robert Wilson, Andrew Bush, Hywel Williams, Christopher Boustred, Lucy Jenkins, Eamonn Sheridan, Eddie M. K. Chung, Christopher M. Watson, Thomas Cullup, Jane S Lucas, Priti Kenia, Christopher O'Callaghan, Stephen M. King, Claire Hogg, Hannah M. Mitchison

Genetic risk factors for laterality defects and congenital heart disease (CHD) in patients with primary ciliary dyskinesia (PCD)

Claire Hogg (London, United Kingdom), Sunayna Best, Amelia Shoemark, Brunna Rubbo, Mitali Patel, Mahmoud Fassad, Julene Carvalho, Priti Kenia, Jane Lucas, Hannah Mitchison

Clinical disease spectrum in RSPH9 Primary Ciliary Dyskinesia patients: a case series.

Panayiotis Kouis (NICOSIA, Cyprus), Panayiotis K. Yiallourous, Panayiota Pirpa, Kyriaki Michailidou, Andreas Hadjisavvas, Maria Loizidou, Kyriacos Kyriacou

Use of electron tomography to confirm the diagnosis of primary ciliary dyskinesia

Amelia Shoemark (London, United Kingdom), Thomas Burgoyne, Robert Kwan, Thomas Cahill, Juliet Scully, Mellisa Dixon, Mitali Patel, Andrew Bush, Hannah Mitchison*, Claire Hogg*

Quality of life in patients with primary ciliary dyskinesia: a systematic review

Jane Lucas (Southampton, United Kingdom), Laura Behan, Brunna Rubbo, Audrey Dunn Galvin

Spanish version of the Quality of Life questionnaires for patients with Primary Ciliary Dyskinesia.

Ana Reula (Castellón, Spain), Laura Behan, Amparo Escribano, Francisco Dasí, Jane Lucas, Miguel Armengot

Impact of tobacco smoke exposure or indoor air pollution on nasopharyngeal bacteria in African infants in a birth cohort study.

Aneesa Vanker (Cape Town, South Africa), Felix Dube, Whitney Barnett, Polite Nduru, Robert Gie, Mark Nicol, Heather Zar

Parental smoking habits and prevalence trends of childhood asthma: four surveys during 1998-2013

Sotirios Fouzas (Patras, Greece), Panagiotis Lambropoulos, Styliani Malliori, Olga Lagiou, Kostas Priftis, Michael Anthracopoulos

Indoor air pollution and respiratory symptoms, and pneumonia in highland children in Kyrgyzstan

Aizhamal Tabyshova (Bishkek, Kyrgyzstan), Berik Emilov, Meder Seitov, Alina Beyshenbekova, Batyr Osmonov, Bermet Estebebova, Frederik van Gemert, Niels H Chavannes, Talant Sooronbaev

The exposure to NO₂ eliminates the positive effects of physical activity on children's lung function

David Donaire-Gonzalez (BARCELONA, Spain), Jordi Romero, Maribel Casas, Pau Panella, Montserrat De Castro, Antonia Valentin, Martine Vrijheid, Mark Nieuwenhuijsen, Jordi Sunyer

08:30 - 10:30

Oral Presentation: New insights into the understanding of sleep and the consequences of sleep apnoea**08:30 The effect of activating serotonergic neurons in the dorsal raphe nucleus on control of vigilance state**

Rika Moriya (Ota, Tokyo, Japan), Mitsuko Kanamaru, Naoki Ookuma, Kenji F Tanaka, Masahiko Izumizaki, Hiroshi Onimaru, Akira Yoshikawa, Satoshi Hokari, Yasuyoshi Oshima

08:45 Aged mice obstructive sleep apnoea model with spontaneous tumorigenesis: physiological parameters

Ana Obeso (VALLADOLID, Spain), Teresa Gallego-Martin, Ana Gordillo, Elvira Gonzalez-Obeso, Elena Olea, Inmaculada Docio, Isaac Almendros, Asunción Rocher

09:00 Characterization of IH-induced cardiac remodeling and contractile dysfunction in a rat model of post-ischemic heart failure

Guillaume Bourdier (Grenoble, France), Claire Arnaud, Maximin Détrait, Stéphane Doutreleau, Jean-Louis Pépin, Elise Bélaïdi-Corsat

09:15 Genome-wide methylation profile and gene expression in Obstructive Sleep Apnoea

Jose M. Marin Trigo (ZARAGOZA, Spain), David Sanz-Rubio, Ana V. Gil, Arianne Sanz, Luis Varona, Rosa Bolea, Inmaculada Martin-Burriel, Hicham Filali

09:30 Cell-free DNA and nucleosomes are increased in sera of patients with Obstructive Sleep Apnoea.

Núria Toledo Pons (PALMA DE MALLORCA, Spain), Maria Cerdà Moncadas, Núria Toledo Pons, Monica De la Peña Bravo, Josep Miquel Bauçà Rosselló, Laura Fueyo Ramírez, Dani Morell García, Javier Pierola Lopetegui, Maria Paloma Gimenez Carrero, Antonia Barceló Bennasar

09:45 Autoantibody against NBL1 in obstructive sleep apnea patients with cardiovascular disease

Takuma Matsumura (Chiba, Japan), Jiro Terada, Taku Kinoshita, Yoriko Sakurai, Misuzu Yahaba, Kenji Tsushima, Seiichiro Sakao, Koichiro Tatsumi, Reiko Kunii

10:00 Association between ADAMTs proteinases and Obstructive Sleep Apnea

Nurhan Sarioglu (BALIKESIR, Turkey), Fuat Erel, Adnan Adil Hıncal, Celalettin Cevik

08:30 - 10:30

Oral Presentation: COPD: risk factors and prognosis**Chairs :** David Mannino (Lexington, United States of America), Chair to be confirmed**08:30 Effect of severity of exacerbations of COPD and hospitalised pneumonia on risk of myocardial infarction**

Kieran Rothnie (London, United Kingdom), Hana Müllerová, Liam Smeeth, Neil Pearce, Ian Douglas, Jennifer Quint

08:45 An airway challenge test can predict COPD: an international cohort study

Alessandro Marcon (VERONA, VR, Italy), Francesca Locatelli, Isa Cerveri, Shyamali Dharmage, Elaine Fuertes, Judith Garcia-Aymerich, Joachim Heinrich, Christer Janson, Ane Johannessen, Bénédicte Leynaert, Silvia Pascual Erquicia, Giancarlo Pesce, Nicole Probst-Hensch, Cecilie Svanes, Simone Accordini, Isabel Urrutia Landa, Deborah Jarvis

09:00 Association of cystatin C-based estimated glomerular filtration rate (eGFR) with prognosis in patients with COPD exacerbation

Machida Hiroyoshi, Kohdai Huruyama, Yukihiro Minegishi, Sujeong Yang, Kento Sato, Hiroshi Nakano, Maki Kobayashi, Masamichi Sato, Takako Nemoto, Michiko Nishiwaki, Tomomi Kimura, Keiko Yamauchi, Akira Igarashi, Yoshikane Tokairin, Sumito Inoue, Isao Kubota, Yoko Shibata

09:15 Prognosis in rheumatoid arthritis patients with COPD: A nationwide, registry-based study

Charlotte Hyldgaard (Åbyhøj, Denmark), Anders Løkke, Alma Becic Pedersen, Sinna Pilgaard Ulrichsen, Ole Hilberg, Elisabeth Bendstrup, Torkell Ellingsen

09:30 Relationship of hyperlipidemia to comorbidities and lung function in COPD: results of the COSYCONET cohort

Kathrin Kahnert (Munich, Germany), Tanja Lucke, Rudolf M. Huber, Jürgen Behr, Frank Biertz, Anja Vogt, Henrik Watz, Peter Alter, Sebastian Fährdrich, Robert Bals, Rolf Holle, Stefan Karrasch, Sandra Söhler, Margarethe Wacker, Joachim H. Ficker, Klaus Parhofer, Claus Vogelmeier, Rudolf A. Jörres

09:45 **Repeated desaturation in 6 minute walk test increases risk for mortality in COPD patients**
Marie Johanne Waatevik (BERGEN, Norway), Tomas Mikal Eagan, Jon Andrew Hardie, Per Bakke, Francisco Real, Bente Frisk, Ane Johannessen

10:00 **A genome-wide linkage study for COPD in a Dutch genetic isolate**
Ivana Nedeljkovic, Natalie Terzikhan, Judith M. Vonk, Diana A. van der Plaat, Lies Lahousse, Cleo C. van Diemen, Guy G. Brusselle, H. Marike Boezen, Cornelia M. van Duijn, Najaf Amin

08:30 - 10:30

Oral Presentation: The air indoor air pollution

Tag(s) : Smoking prevention and cessation (HLfL)

Chairs : Dirk Heederik (Utrecht, Netherlands), Anna-Carin Olin (Gothenburg, Sweden)

08:30 **Occupational exposure to indoor air pollution among bakery workers in Ethiopia; a comparison of electric and biomass cookstoves**
Lidwien A.M. Smit (Utrecht, Netherlands), George S. Downward, Hugo P. van der Zwaag, Leon Simons, Kees Meliefste, Yifokire Tefera, Jesús Rosales Carreón

08:45 **Impact of Improved Cookstove Usage on Lung Function in Congolese Refugees: A Prospective Cohort Study.**
Fernando Wolff (Lübeck, Germany), Henning Kothe, Allan Mubiru, Klaus Dalhoff, Joseph Gashirabake

09:00 **Coal and wood burning products as a risk factor of respiratory and cardiovascular diseases – preliminary results of household PM_{2.5} emissions on health risk**
Artur Badyda (Warsaw, Poland), Andrzej Chciałowski, Piotr Dąbrowiecki, Adam Stańczyk, Piotr Czechowski, Anna Gayer, Dominika Mucha, Łukasz Adamkiewicz

09:15 **PM and PM-bound PAHs exposure from barbecues powered by gas, lump charcoal and charcoal briquettes as a risk factor of lung cancer.**
Artur Badyda (Warsaw, Poland), Kamila Widziewicz, Wioletta Rogula-Kozłowska, Grzegorz Majewski, Izabela Jureczko, Anna Gayer, Dominika Mucha, Piotr Dąbrowiecki

09:30 **Characteristics and validation of indoor climate and respiratory health - a mixed method approach from a real life cross-sectional study**
Charlotte Gabel (Aarhus, Denmark), Grethe Elholm, Steffen Petersen, Mia Kruse Rasmussen, Torben Sigsgaard

09:45 **Wheeze, current asthma and respiratory infections among students in Malaysian schools - associations with formaldehyde, nitrogen dioxide and specific volatile organic compounds (VOC) in classroom air**
Dan Norback (Uppsala, Sweden), Zailina Hashim, Faridah Ali, Jamal Hisham Hashim

10:00 **Is residential ambient air limonene associated with asthma in the Canadian population?**
Robert Dales (Ottawa, ON, Canada), Sabit Cakmak

08:30 - 10:30

Oral Presentation: What is the future for paediatric respiratory physiology and sleep?

Chairs : Graham Hall (Perth, Australia), Refika Hamutcu Ersu (Istanbul, Turkey)

08:30 **Should children with hypertension and snoring be referred for polysomnography?**
Athanasios G. Kaditis (Athens, Greece), Emmanouel Alexopoulos, Nikoleta Batziou, Louloudenia Velentza, Anna-Maria Mylona, Vasileios Lachanas, Charalampos Skoulakis, Konstantinos Gourgoulianis

08:45 **Circulating Branched-Chain Aminoacids in children with Obstructive Sleep Apnea.**
Maria Cerda Moncadas (Palma de Mallorca, Spain), Nuria Toledo-Pons, Antonia Barceló, Josep Miquel Bauçà, Jose Antonio Peña-Zarza, Daniel Morell-Garcia, Aina Yañez, Gerardo Perez, Javier Pierola, Monica De La Peña

09:00 **Effect of reporting two versus three trials on lung clearance index values**
Renee Jensen (Toronto, ON, Canada), Michelle Klingel, Sanja Stanojevic, Margaret Rosenfeld, Stephanie Davis, Felix Ratjen, George Retsch-Bogart

09:15 **Can LCI predict new Pseudomonas aeruginosa colonization among CF patients?**
Elpida Hatziagorou (Thessaloniki, Greece), Vasiliki Avramidou, Eleana Kouroukli, LEMONIA Nousia, Maria Parisi, Maria Galogavrou, Fotis Kirvasilis, John Tsanakas

09:30 **Poor lung function tracks from childhood to young adulthood, and is associated with persistent asthma in 22 year old participants of the Western Australian Pregnancy (Raine study) Cohort.**
Elisha White (Perth, WA, Australia), Nicholas DeKlerk, Elysia Hollams, Patrick Holt, Peter Sly, Graham Hall

09:45 Risk factors for multimorbidity in wheezing children: role of the phenotype
Salvatore Fasola (Palermo, Italy), Giulia Bartolotta, Giovanna Cilluffo, Velia Malizia, Giuliana Ferrante, Giovanni Viegi, Stefania La Grutta

10:00 Paediatric sleep apnoea syndrome and cardiovascular risk factors in the generation XXI cohort
Ines Azevedo (PORTO, Portugal), Mariana Costa, Liane Correia-Costa, Ana Cristina Santos

08:30 - 10:30

Oral Presentation: Paediatric bronchology

Chairs : Petr Pohunek (Prague, Czech Republic), Kostas Priftis (Haidari, Athens, Greece)

08:30 PCD Diagnosis by Super resolution (3DSIM) microscopy
Sharon Dell (Toronto, ON, Canada), Zhen Liu, Quynh Nguyen, Vito Mennella

08:45 Speed up PCD diagnosis: a quick screening test for recurrent respiratory infections in children
Deborah Snijders (Ponzano Veneto (TV), Italy), Roberta Cenedese, Angelo Barbato, Luigia Brunetti, Maria Pia Natale, Valentina Tranchino, Giuseppina Annicchiarico

09:00 A European centre study on the utility and safety of EBUS-TBNA in a paediatric population
Haider Al-Najjar (Manchester, United Kingdom), Omendra Narayan, Durgesh Rana, Nadira Narine, David Shelton, Muhammad Qasim, Kashif Khan, Miles Holbrook, Simon Bailey

09:15 Lung function and fitness in children treated for Post-infectious Bronchiolitis Obliterans
Yagmur Sisman (København, Denmark), Frederik Buchvald, Kim Gjerum Nielsen

09:30 Pulmonary alveolar proteinosis and long-term outcome after bronchopulmonary lavage
Maryam Hassanzad (TEHRAN, Islamic Republic of Iran), Sabereh Tashayoie-Nejad

09:45 "European network for translational research in children's and adult interstitial lung disease". A COST Action to keep working.
Deborah Snijders (Ponzano Veneto (TV), Italy), Matthias Griese, Andrew Bush, Steve Cunningham

10:00 Thoracic lymphatic embolization as treatment of plastic bronchitis associated with congenital heart disease
Ignacio Iglesias Serrano (BARCELONA, Spain), Mercedes Pérez Lafuente, Antoni Segarra Medrano, Antonia Pijuan Domenech, Dimpna Albert Brotons, Sandra Rovira Amigo, Alba Torrent Vernetta, Ines de Mir Messa, Silvia Gartner Tizzano, Antonio Moreno Galdó

08:30 - 10:30

Oral Presentation: Assessing and targeting functional outcomes in respiratory physiotherapy

Chairs : Celso Ricardo Fernandes de Carvalho (SAO PAULO/SP, Brazil), Rachael A. Evans (Market Harborough, United Kingdom)

08:30 Personalised prehabilitation in high-risk patients undergoing elective major abdominal surgery: a randomised controlled trial
Anael Barberan-Garcia (BARCELONA, Spain), Marta Ubre, Josep Roca, Antonio M Lacy, Felip Burgos, Raquel Risco, Dulce Momblan, Jaume Balust, Isabel Blanco, Graciela Martinez-Palli

08:45 Randomized controlled trial of an intervention to facilitate early mobilization after colorectal surgery: Impact on postoperative pulmonary function and complications
Julio Flavio Fiore Jr (Montreal, Canada), Tanya Castelino, Nicolo Pecorelli, Petru Nicoliseanu, Mohsen Alhashemi, Olivia Hershorn, Sender Liberman, Patrick Charlebois, Barry Stein, Franco Carli, Nancy E Mayo, Liane S Feldman, Saba Balvardi

09:00 Randomized controlled trial of chest physiotherapy in infants with viral acute bronchiolitis
Patricio Gomolan (Santiago, Chile), Ana Castro, Francisca Varas, Jaime Leppe, Luis Vega

09:15 Non-invasive ventilation for the management of acute hypercapnic respiratory failure due to exacerbation of chronic obstructive pulmonary disease: a Cochrane review update.
Christian Osadnik (Melbourne, VIC, Australia), Vanessa Tee, Kristin Carson, Joanna Picot, Jadwiga Wedzicha, Brian Smith

09:30 Six years health status and physiological function evolution in subjects with preclinical COPD
Fernanda Rodrigues (LEUVEN, Belgium), Matthias Loeckx, Heleen Demeyer, Miek Hornikx, Hans van Remoortel, Wim Janssens, Thierry Troosters

09:45 Is the 1-minute sit-to-stand test related to respiratory muscle strength in patients with COPD?
Alda Sofia Pires De Dias Marques (Aveiro, Portugal), Sara Miranda, Ana Machado, Hélder Melro, Ana Oliveira, Carla Valente

- 10:00** **Normative values for the Unsupported Upper Limb Exercise (UULEX) test and 6-min Pegboard and Ring test (6PBRT) in healthy Canadian adults**
Vanessa Lima (DIAMANTINA, Brazil), Dina Brooks, Stacey Konidis, Tamara Araujo, Giane Ribeiro-Samora, Roger Goldstein, Tania Janaudis-Ferreira

09:00 - 10:30

Professional development workshop: PDW4 Patient involvement in medical projects

Aims : • To explore why patient involvement is important in the development of clinical practice guidelines and research studies, and the evidence that shows it is effective
• To understand the strengths and challenges of involving patients in ERS Task Forces and CRCs, through the experiences of professionals and patients working together in current projects
• To explore the different ways in which patients can provide input, and how to select the most appropriate method to maximise impact
• For participants to plan, through practical discussions, patient involvement in their current or proposed Task Force, CRC or other research project.

Tag(s) : Clinical

Target audience : Allergologist, Allied health professional, Anaesthesiologist, Cardiologist, Clinician, Educationalist, Emergency medicine doctor, Epidemiologist, Fellow, General practitioner, Immunologist, Intensivist/critical care physician, Junior member, Lung function technician, Microbiologist, Neonatologist, Nurse, Occupational therapist, Oncologist, Otolaryngologist, Paediatrician, Pathologist, Patient, Pharmaceutical industry representative, Physiologist, Physiotherapist, Psychologist, Public health official, Pulmonologist, Radiologist, Researcher, Resident, Respiratory physician, Respiratory therapist, Scientist, Sleep specialist/technologist, Social worker, Student, TB specialist, Thoracic endoscopist, Thoracic surgeon, Trainee

Chairs : James D. Chalmers (Dundee, United Kingdom), Joan Jordan (, Ireland)**09:00** **Introduction**

09:05 **Lightening lecture - What is patient involvement and what value can it bring?**
Joan Jordan (, Ireland)

09:20 **Master lecture - Professional and patient perspectives on involvement**
James D. Chalmers (Dundee, United Kingdom), Marta Almagro (BARCELONA, Spain)

09:40 **Workshop - Putting it into practice: planning patient involvement in your project**
James D. Chalmers (Dundee, United Kingdom), Marta Almagro (BARCELONA, Spain), Joan Jordan (, Ireland)

10:40 - 13:00

Skills workshop: SW9 Cardiopulmonary exercise test interpretation: tips and pitfalls

Aims : To identify “typical” patterns of response to cardiopulmonary exercise testing and to show how to discriminate these from “anomalous” response profiles that can cause misinterpretation of test results.

Track(s) : Exercise, rehabilitation and physiology**Tag(s) :** Basic translational science

Target audience : Allied health professional, Cardiologist, Fellow, Lung function technician, Physiologist, Physiotherapist, Pulmonologist, Researcher, Respiratory physician, Respiratory therapist, Scientist, Student

Chairs : Pierantonio Laveneziana (Paris, France)**Introduction**

Oxygen uptake: relationship between work and uptake rate
Paolo Palange (Rome, Italy)

Anaerobic/lactate threshold
Susan Ward (Crickhowell, United Kingdom)

Breathing pattern and dynamic hyperinflation
Pierantonio Laveneziana (Paris, France)

Ventilatory efficiency
J. Alberto Neder (Kingston, ON, Canada)

10:40 - 13:00

Skills workshop: SW10 Endoscopy

Aims : To provide a comprehensive overview of and provide skills training in different endoscopic procedures.

Tag(s) : Clinical**Target audience :** Clinician, Fellow, Junior member, Oncologist, Pulmonologist, Respiratory physician, Respiratory therapist, Thoracic endoscopist**Chairs :** Pallav L. Shah (London, United Kingdom)**Introduction****Endoscopic lung volume reduction with valves**
Daniela Gompelmann (Heidelberg, Germany)**Targeted lung denervation**
Arschang Valipour (Vienna, Austria)**Stenting**
Alexander Chen (St. Louis, United States of America)**Endobronchial ultrasound**
Lars Konge (Virum, Denmark)

10:45 - 12:45

Symposium: Non-CF bronchiectasis in children
Diagnosis and treatment of paediatric bronchiectasis**Aims :** The aim of this session is to present the changing features of non-CF bronchiectasis and the diagnostic tools for and the management and prevention of this condition.**Track(s) :** Chronic airway diseases Respiratory infections**Tag(s) :** Paediatric**Target audience :** Epidemiologist, Junior member, Paediatrician, Physiotherapist, Pulmonologist, Respiratory physician, Respiratory therapist, Fellow, General practitioner, Lung function technician**Chairs :** Andrew Bush (London, United Kingdom), Ahmad Kantar (BERGAMO (BG), Italy)**10:45** **Is protracted bacterial bronchitis a forerunner of bronchiectasis?**
Anne Bernadette Chang (Brisbane, Australia)**11:12** **Lung clearance index in bronchiectasis**
Jane C. Davies (London, United Kingdom)**11:39** **Differences and similarities in bronchiectasis in developing and developed countries**
Bülent Taner Karadag (Istanbul, Turkey)**12:06** **Update on the management of bronchiectasis**
Speaker to be confirmed**12:33** **ERS Statement on Protracted Bacterial Bronchitis**
Mark Everard (Perth, WA, Australia)

10:45 - 12:45

Symposium: Home ventilation in COPD

Long-term mechanical ventilation in COPD: which markers should we consider? How should we monitor it? When and where should we start it?

Aims : To explain when, where, and how to start NIV in stable hypercapnic COPD. The main outcome variables that can be positively influenced by NIV will be described. Future concepts such as telemonitoring that can facilitate the long-term care of COPD patients and help reduce exacerbation frequency and hospitalisation will be discussed. The mechanisms by which NIV exerts its very positive effects in stable hypercapnic COPD will be detailed, with a particular focus on the latest scientific results.**Track(s) :** Acute and chronic respiratory failure/sleep**Tag(s) :** Clinical**Target audience :** Allied health professional, Clinician, Intensivist/critical care physician, Junior member, Patient, Physiotherapist, Pulmonologist, Respiratory physician, Respiratory therapist, Trainee**Chairs :** Raffaele Scala (AREZZO, Italy), Wolfram Windisch (Cologne, Germany), Tomoaki Hoshino (Fukuoka, Japan)**10:45** **Patient testimonial****10:57** **Beyond quality of life: important outcome variables that are influenced by long-term noninvasive ventilation**
Anita Simonds (London, United Kingdom)

- 11:24** **Noninvasive ventilation in stable hypercapnic COPD: the pro arguments**
Marieke L. Duiverman (Groningen, Netherlands)
-
- 11:51** **Noninvasive ventilation in stable hypercapnic COPD: the con arguments**
Michael Dreher (Aachen, Germany)
-
- 12:18** **The take-home message regarding chronic NIV in COPD**
Wolfram Windisch (Cologne, Germany)

10:45 - 12:45

Symposium: Mission impossible? Implementing a whole package of new reference values for lung function

Reference values for spirometry and DLCO have been developed by the Global Lung Function Initiative. For TLC, the work is in progress

Aims : The symposium aims are (1) to inform the audience about the progress that the Global Lung Function Initiative Taskforce has made so far in terms of developing reference values for spirometry, DLCO, and TLC; (2) to evaluate the process and identify the problems that are expected to arise when implementing these new values; and (3) to explain the need for a data repository.

Track(s) : **Chronic airway diseases** Exercise, rehabilitation and physiology

Tag(s) : Clinical, Paediatric

Target audience : Allergologist, Allied health professional, Clinician, Epidemiologist, Fellow, General practitioner, Junior member, Lung function technician, Nurse, Occupational therapist, Paediatrician, Physiologist, Physiotherapist, Pulmonologist, Researcher, Respiratory physician, Respiratory therapist, Scientist, Student, Thoracic surgeon, Trainee

Chairs : Brendan Cooper (Edgbaston, Birmingham, United Kingdom), Ellie Oostveen (Edegem (Antwerp), Belgium)

- 10:45** **Spirometry: mission completed?**
Irene Steenbruggen (Zwolle, Netherlands)
-
- 11:15** **DLCO: mission transferred**
Bruce Thompson (Melbourne, Australia)
-
- 11:45** **TLC: total lung mission**
Graham Hall (Perth, Australia)
-
- 12:15** **Clinical research chart: mission alive!**
Sanja Stanojevic (Toronto, ON, Canada)

10:45 - 12:45

Symposium: State of the Art Session: Airway Diseases

Aims : This session will provide an update on: the latest developments in the diagnosis, treatment and prevention of chronic airways diseases. The talks will focus on key aspects of asthma particularly severe asthma, COPD, ACOS and non-CF bronchiectasis.

Track(s) : **Chronic airway diseases** Respiratory infections

Target audience : Allergologist, Allied health professional, Clinician, Fellow, Immunologist, Junior member, Lung function technician, Microbiologist, Nurse, Pathologist, Physiologist, Physiotherapist, Pulmonologist, Radiologist, Researcher, Resident, Respiratory physician, Respiratory therapist, Scientist, Trainee

Chairs : Antonio Spanevello (Milan, Italy), Anke-Hilse Maitland-van der Zee (Amsterdam, Netherlands)

- 10:45** **Diagnosing, treating and preventing severe asthma**
Peter Gibson (Newcastle, NSW, Australia)
-
- 11:15** **Treating and preventing COPD exacerbations**
Jadwiga Wedzicha (London, United Kingdom)
-
- 11:45** **Diagnosis and treatment of COPD patients who respond to steroids**
Maarten van den Berge (Groningen, Netherlands)
-
- 12:15** **Diagnosis and treatment challenges in non-CF bronchiectasis**
Stefano Aliberti (Milan, Italy)

10:45 - 12:45

Grand Round: GR5 Grand Round in Occupational and Environmental Lung Disease

Aims : The aims of this Grand Round are to present a series of clinical cases linking occupational exposures to respiratory disease. The audience will learn from a range of well-characterized cases implicating inhaled toxicants in the development of respiratory pathologies and be educated about the broader context of these exposure-response relationships. The session will be interactive, engaging the audience with the expert faculty presenters.

Track(s) : **Chronic airway diseases** **Interstitial lung disease and vascular disease**

Tag(s) : Clinical, Smoking prevention and cessation (HLfL)

Target audience : Allergologist, Allied health professional, Clinician, Educationalist, Epidemiologist, Fellow, General practitioner, Immunologist, Junior member, Lung function technician, Nurse, Occupational therapist, Otolaryngologist, Pathologist, Patient, Pharmaceutical industry representative, Physiologist, Psychologist, Public health official, Pulmonologist, Radiologist, Researcher, Resident, Respiratory physician, Respiratory therapist, Scientist, Social worker, Student, Trainee

Chairs : Paul Cullinan (London, United Kingdom), Anna-Carin Olin (Gothenburg, Sweden)

10:45 **Granulomatous lung disease in two workers making light bulbs**
Benoit Nemery (LEUVEN, Belgium)

11:15 **Respiratory failure in a building renovation worker**
Christopher Carlsten (Vancouver, BC, Canada)

11:45 **Progressive dyspnea in a heavy equipment operator**
Paul Blanc (San Francisco, United States of America)

12:15 **High-altitude pulmonary edema in a miner**
Denis Vinnikov (Bishkek, Kyrgyzstan)

10:45 - 12:45

Hot topics: Innovative approaches to model human lung diseases

Aims : There is a current and rapid development of novel models to study human disease. The aim of this session is therefore to provide an overview of the possibilities and limitations of such novel models.

Track(s) : **Chronic airway diseases** **Interstitial lung disease and vascular disease**

Tag(s) : Basic translational science

Target audience : Clinician, Fellow, Immunologist, Junior member, Microbiologist, Pathologist, Pharmaceutical industry representative, Physiologist, Pulmonologist, Respiratory physician, Researcher, Scientist, Student

Chairs : Reinoud Gosens (Groningen, Netherlands), Chair to be confirmed

10:45 **Challenges of delivering aerosols to biological systems**
Nathalie Heuze Vourc'h (Tours, France)

11:15 **Microengineered systems to mimic human lung pathophysiology**
Kambezi Hajipouran Benam (Denver, United States of America)

11:45 **Patient derived lung tissue cultures for drug identification and validation**
Melanie Koenigshoff (Denver, United States of America)

12:15 **Using *Drosophila* to study lung disease**
Donna E. Davies (Southampton, United Kingdom)

10:45 - 12:45

Session: ERS Publications: 2017 ERS Guidelines and Task Forces

Aims : The aim of this session will be to discuss guidelines, statements and task forces published in ERS publications in 2017. This session is co-organised by the ERJ, ERR, ERS Open Research and Breathe journals.

Tag(s) : Smoking prevention and cessation (HLfL)

Target audience : Student, Nurse

Chairs : Sergio Alfonso Harari (Milan, Italy), Marc Humbert (Paris, France)

10:45 **ERS Guideline for the diagnosis of primary ciliary dyskinesia**
Jane Lucas (Southampton, United Kingdom)

11:15 **ERS/ATS Policy Statement: what constitutes an adverse health effect of air pollution?**
Bert Brunekreef (Utrecht, Netherlands)

11:45 **Definition, discrimination, diagnosis, and treatment of central breathing disturbances during sleep**
Patrick Lévy (Grenoble, France)

12:15 **World Health Organization treatment guidelines for drug-resistant tuberculosis, 2016 update**
Dennis Falzon (Geneva, Switzerland)

10:45 - 12:45

Poster Discussion: Best abstracts in the management of chronic respiratory diseases**Chairs :** Nicolino Ambrosino (Livorno, Italy), Charlotte Bolton (Nottingham, United Kingdom)**Breathing-swallowing discoordination associated with frequent exacerbation of COPD**

Shinsuke Nagami (Kyoto, Japan), Yoshitaka Oku, Naomi Yagi, Susumu Sato, Ryuji Uozumi, Satoshi Morita, Yoshie Yamagata, Jun Kayashita, Kazuya Tanimura, Atsuyasu Sato, Ryosuke Takahashi, Shinya Fukunaga, Shigeo Muro

Effects of Exercise-induced Dyspnoea on the Aspiration Rate among Patients with AECOPD

Ni Liu (Guangzhou, China), Zeguang Zheng, Youxia Li, Ping Chen, Peng Hou, Zhida Wu, Andrea Aliverti, Rongchang Chen

Mouth Maximal Inspiratory Pressure and Sniff Nasal Inspiratory Pressure in Amyotrophic Lateral Sclerosis

Dan Adler (Genève, Switzerland), Anne-Chantal Héritier-Barras, Ruxandra Iancu Ferfoglia, Antoine Poncet, Laurence Genton Graf, Valerie Viatte, Jean-Paul Janssens

SPECIALIZED COACHING AT HOME AND DIGITAL TOOLS IMPROVE THE LEVEL OF PHYSICAL ACTIVITY AMONG CYSTIC FIBROSIS PATIENTS

Boubou Camara (GRENOBLE, France), Amélie Fuchs, Sébastien Chanoine, Jean Christophe Benitez, Véronique Vion, Catherine Llerena, Sébastien Quéant, Bernard Wuyam, Isabelle Pin

Correlates of objectively measured physical activity and sedentary time in individuals with mild-moderate COPD: Comparisons with apparently healthy adults

Mark Orme (Leicesters, United Kingdom), Sally Singh, Mike Morgan, Michael Steiner, Andrew Kingsnorth, Dale Esliger, Lauren Sherar

The COPD plasmatic microenvironment induces atrophy of healthy human myotubes in vitro

Pascal Pomiès (MONTPELLIER cedex5, France), Pascal Pomiès, Matthias Catteau, Marine Blaquière, Farès Gouzi, Jonathan Maury, Bronia Ayoub, Jacques Mercier, Maurice Hayot

Asthmatics are physically active, but have low level of clinical control, aerobic fitness, and psychosocial morbidity

Ronaldo Aparecido Da Silva (SAO PAULO/SP, Brazil), Patricia Gonçalves Leite Rocco, Flavio Mazzucato, Douglas Silva Queiroz, Rafael Stelmach, Regina Maria de Carvalho-Pinto, Alberto Cukier, Milton Arruda Martins, Celso Ricardo Fernandes Carvalho

The effect of a prehabilitation program on cardiorespiratory capacity following neoadjuvant treatment prior to surgery for locally advanced esophagogastric cancer

Diego Agustin Rodriguez Chiaradia (BARCELONA, Spain), Nuria Argudo, Juana Mª Martinez- Llorens, Laura Visa, Laia Fontané, Ester Marco, José Manuel Ramón, Luis Grande, Manuel Pera

Effect of occupational exposure on COPD and mortality – A Swiss large-scale cohort study

Alexandra Strassmann (Zürich, Switzerland), Matthias Bopp, Holger Dressel, Milo A. Puhán, Alexander Turk, Steven S. Sathra

Reference equation for maximum voluntary ventilation (MVV) in healthy Brazilian children and adolescents

Jaksoel Cunha Silva (São Paulo, Brazil), Anderson José, Ideza E. Carvalho, Simone Dal Corso, Fernanda C. Lanza

Dyspnea: A risk factor associated with malnutrition in hospitalized pulmonary patients

Ozge Aydin Guclu (BURSA, Turkey), Nilufer Aylin Acet Ozturk, Asli Gorek Dilektasli, Ezgi Demirdogen Cetinoglu, Ahmet Ursavas, Mehmet Karadag, Esra Uzaslan

A general framework to implement predictive models for hospitalizations: Application to COPD

Habiboulaye Amadou Boubacar (Jouy-en-Josas, France), Joëlle Texereau

Sustained maximal inspiratory pressure is significantly related to mortality risk in COPD

Magno F. Formiga (MIAMI, United States of America), Michael A. Campos, Lawrence P. Cahalin, Kira Balestrini, Landy Luna, Valeria Bagley

Diagnostic value of metronome paced tachypnea in COPD-patients with dynamic hyperinflation

Renée Berting (Oosterhout, Netherlands), Henk Otten, Dirk van Ranst, Wieteke Stoop

HOME MECHANICAL VENTILATION IN CHILE: TEN YEARS OF EXPERIENCE

Roberto Vera Uribe (SANTIAGO, Chile), Rebeca Paiva Reinerio, Rodrigo Torres-Castro, Raul Valenzuela, Paola Pontoni

Poor inspiratory muscle performance significantly relates to greater anxiety in patients with COPD

Magno F. Formiga (MIAMI, United States of America), Michael A. Campos, Lawrence P. Cahalin, Kira Balestrini, Valeria Bagley, Landy Luna

Italian Register of chronically ventilated patients at home (REG.I.RE-HMV)

Teresa Renda (FIRENZE, Italy), Antonio Corrado, Mara Guardamagna, Andrea Rossi, Fausto De Michele, Stefano Gasparini, Venerino Poletti, # On Behalf Of Regire/Aipo Study Group

Evaluation of tolerability, ease of use, perception of mucus encumbrance of an alternative device (FreeAspire®) for management secretions in patients with bulbar Amyotrophic Lateral Sclerosis.

Alessio Mattei (TORINO, TO, Italy), Elena Rindone, Sabrina Marchisio, Michela Bellocchia, Renza Ambrosanio, Giuseppe Tabbia, Elisa Clivati, Marco Bardesson, Caterina Bucca

10:45 - 12:45

Poster Discussion: Clinical research in lung cancer: new valuable results on lung cancer detection, prognostic biomarkers, and tyrosine kinase inhibitors

Chairs : Torsten Gerriet Blum (Berlin, Germany), Matthew Evison (Manchester, United Kingdom)

Detection of non-small cell lung cancer by an electronic nose.

Sharina Kort (Enschede, Netherlands), Marjolein Brusse-Keizer, Hugo Schouwink, Jan-Willem Gerritsen, Frans de Jongh, Job van der Palen

Non-invasive lung cancer diagnosis by detection of GATA6 and NKX2-1 isoforms in exhaled breath condensate

Guillermo Barreto (Bad Nauheim, Germany), Aditi Mehta, Julio Cordero, Stephanie Dobersch, Addi J Romero-Olmedo, Rajkumar Savai, Johannes Bodner, Cho-Ming Chao, Ludger Fink, Ernesto Guzman-Diaz, Indrabahadur Singh, Gergana Dobрева, Ulf R Rapp, Stefan Günther, Olga N Ilinskaya, Severio Bellusci, Reinhard H Dammann, Thomas Braun, Werner Seeger, Stefan Gattenlöhner, Achim Tresch, Andreas Günther

Metabolomic fingerprinting of serum samples based on direct infusion mass spectrometry for lung cancer diagnosis

Byron Enrique Urizar Catalan (Huelva, Spain), Belén Callejón Leblic, Victoria Ignacio Barrios, Eva Vázquez Gandullo, Rocio Baya Arenas, Tamara García Barrera, José Luis Sánchez Ramos, Jesús Grávalos Guzmán, Jose Antonio Maldonado Pérez, José Luis Gómez Ariza, Antonio Pereira Vega

Single Slide Assessment: the future of molecular testing in lung cancer?

Benjamin Diggins (Truro, United Kingdom), Leonie Glinski, James Garvican, Meme Wijesinghe

Performance of Super ARMS to Detect EGFR Mutation Status in Plasma Cell-free DNA in Advanced Non-Small Cell Lung Cancer Patients

Yuping Li (wenzhou, China), Hanyan Xu, Shanshan Su, Li Yang, Junru Ye, Chengshui Chen

LSC - 2017 - The serum levels of alpha-1 antitrypsin are strongly associated with its local production by NSCLC tumor cells

Adam Szpechcinski (Warszawa, Poland), Renata Langfort, Emilia Debek, Dorota Giedronowicz, Włodzimierz Kupis, Piotr Rudzinski, Jolanta Zaleska, Michal Komorowski, Mateusz Florczuk, Tadeusz Orłowski, Kazimierz Roszkowski-Sliz, Joanna Choro

Next generation sequencing in lung adenocarcinoma of smokers with and without chronic obstructive pulmonary disease (COPD)

Francesca Lunardi (Padova, PD, Italy), Lorenza Pasqualini, Giorgia Nardo, Nazarena Nannini, Stefania Vuljan, Marco Schiavon, Michela Tebaldi, Daniele Calistri, Federico Rea, Stefano Indraco, Fiorella Calabrese

Effects of tumor stroma and inflammation on survival of stage I-IIp lung cancer

Laura Millares Costas (Badalona (Barcelona), Spain), Jordi Alcaraz, Iuliana Benchea, Josep Lluís Carrasco, Julio Sanchez de Cos, Maria Angeles Gonzalez Castro, Ana Blanco, Rosa Sanchez Gil, Mireia Serra, Ramón Rami, Jaume Sauleda, Esther Fernandez, Rosario Melchor, Luis Seijo, Leonardo de Esteban Julvez, Esther Barreiro, Eduard Monso, * Collaborative group in lung cancer

The significance of AEG-1 expression in NSCLL: correlation with prognostic markers.

Eleftheria Chaini (Corfu, Greece), Angelos Tsipis, Anna-Maria Athanassiadou, Dimitra Haini, Maria Gonidi, Kyriakos Hainis, Pauline Athanassiadou, Ioannis Giannopoulos

Polymorphisms in mitotic checkpoint-related genes can influence survival outcomes of early-stage non-small cell lung cancer

Seung Soo Yoo (Daegu, Republic of Korea), Hyo-Gyoung Kang, Jin Eun Choi, Mi Jeong Hong, Sook Kyung Do, Cheng Cheng Jin, Won Kee Lee, Sun Ha Choi, So Yeon Lee, Hyun Jung Kim, Shin Yup Lee, Jaehee Lee, Seung Ick Cha, Chang Ho Kim, Yangki Seok, Eungbae Lee, Sukki Cho, Sanghoon Jheon, Jae Yong Park

Association of the Monocyte Chemoattractant Protein 1 and Chemokine Receptor 2 Genetic Polymorphisms with Non-small Cell Lung Cancer in Taiwan
Chuen-Ming Shih (Taichung, Taiwan), Yao-Ling Lee

The value of AXL expression in squamous cell carcinoma of the lung: relationship with clinicopathological parameters.
Eleftheria Chaini (Corfu, Greece), Anna Maria Athanassiadou, Angelos Tsipis, Dimitra Haini, Maria Gonidi, Kyriakos Hainis, Athanassiadou Pauline, Ioannis Giannopoulos

Predictive factors and prognostic significance of T790M mutation in patients with EGFR-mutant NSCLC
Ji An Hwang (Seoul, Republic of Korea)

T790M-mutation in EGFR progressive non-small cell lung cancer, role of re-biopsy and ctDNA analysis
Maria Jacob (PORTO, Portugal), Vanessa Santos, Adriana Magalhães, António Morais, Henrique Queiroga, José Luís Costa, Luís Cyrnes, Conceição Souto Moura, José Carlos Machado, Venceslau Hespagnol, Gabriela Fernandes, Rita Boaventura

Characteristics of common and uncommon epidermal growth factor receptors gene mutations in patients with non small cell lung cancer
Ieva Merkytė (Kaunas, Lithuania), Neringa Vagulienė, Marius Žemaitis, Raimundas Sakalauskas

Survival analysis of advanced NSCLC patients harboring EGFR mutations with zoledronate or denosumab
Maki Miwa (Tokyo, Japan), Yusuke Okuma, Jumpei Kashima, Yukio Hosomi

Comparing different initial doses of afatinib used as first-line treatment for patients with stage IV lung adenocarcinoma
Yu-Chen Tsai (Kaohsiung, Taiwan), Chih-Jen Yang, Ming-Ju Tsai, Mei-Hsuan Lee, Jen-Yu Hung, Ming-Shyan Huang, Inn-Wen Chong

10:45 - 12:45

Poster Discussion: New insights into pathogenesis of lung disease

Chairs : Catherine Greene (Dublin, Ireland), Chair to be confirmed

Air-liquid interface (ALI) model of human bronchial epithelia cells for the investigation of asthma exacerbations
Johanna Christine Ehlers (Borstel, Germany), Sabine Bartel, Christina Vock, Heinz Fehrenbach

Abnormal M1/M2 macrophage switching in small airway wall and lumen of smokers and COPD patients
Mathew Eapen (Hobart, TAS, Australia), Phil Hansbro, Kielan McAlinden, Richard Kim, Tillie-Louise Hackett, Chris Ward, Haydn Walters, Sukhwinder Singh Sohal

Steroid resistant CD28^{null}CD8⁺NKT-like pro-inflammatory cells in COPD
Greg Hodge (Adelaide, SA, Australia), Hubertus Jersmann, Mark Holmes, Paul Reynolds, Sandra Hodge

Volatile Organic Compounds Breathprinting of U-BIOPRED Severe Asthma smokers/ex-smokers cohort
Rosalia Emma (Zafferana Etnea (CT), Italy), Massimo Caruso, Paul Brinkman, Peter J. Sterk, Aruna T. Bansal, Bertrand De Meulder, Diane Lefaudeux, Charles Auffray, Stephen J. Fowler, Nicholas Rattray, Giorgio Pennazza, Per Bakke, Pascal Chanez, Ildikò Horváth, Norbert Krug, Paolo Montuschi, Marek Sanak, Thomas Sandstrom, Dominick E. Shaw, Kian Fan Chung, Ratko Djukanovic, Florian Singer, Ana R. Sousa, Sven Erik Dahlén, Johan Kolmert, Hans Weda, Teunis J. Vink, Hugo Knobel

A role for miR-708-5p in the regulation of chronic mucus hypersecretion
Hataitip Tasena (Chiang Rai, Thailand), Alen Faiz, Joy van Broekhuizen, Maarten van den Berge, Wim Timens, Machteld Hylkema, Reinoud Gosens, Corry-Anke Brandsma, Irene Heijink

Absence of proton-sensing TDAG8 protects against ovalbumin-induced allergic airway inflammation
Hiroaki Tsurumaki (Maebashi, Japan), Chihiro Mogi, Haruka Saito-Aoki, Koichi Sato, Takashi Nakakura, Masakiyo Yatomi, Yasuhiko Koga, Yoshimasa Hachisu, Akihiro Ono, Kunio Dobashi, Fumikazu Okajima, Takeshi Hisada

Effect of surface functionalisation on the interaction of carbon nanotubes with primary human alveolar cells in vitro
Lareb Dean (London, United Kingdom), Shu Chen, Milo Shaffer, Andrew Thorley, Teresa Tetley

Involvement of miRNA-17 and -21 in regulatory T cell (Treg) function in asthma
Sabine Bartel (Borstel, Germany), Katja Landgraf-Rauf, Andreas Böck, Bianca Schaub, Susanne Krauss-Etschmann

The role of ACN9 in the inflammatory response in the airway

Jin Seon Jeong (Chuncheon, Republic of Korea), Ji Hyun Kim, Jeeyoung Kim, So Hyeon Bak, Yoonki Hong, Woo Jin Kim

IL-13 induces glucocorticoid resistance in iNOS expression and activity in human airway epithelial cells (HAECs)

Fabio Agusta (Mazara del Vallo, TP, Italy), Emily B. Etling, John B. Trudeau, Anuradha Ray, Sally Wenzel, Minchao Li

Chemokine receptor CXCR3 expression on naive and memory B-lymphocytes of patients with COPD

Anatoli Tahanovich (MINSK, Belarus), Aljaksei Kadushkin

Simulating the Beneficial Effects of Aerobic Exercise in Asthma in vitro: a way to Understand the Cellular Effects of Exercise in Asthma – Involvement of STAT6

Alana dos Santos Dias (São Paulo, Brazil), Thayna Queirós-Oliveira, Manoel Carneiro Oliveira-Junior, Erasmo Assumpção-Neto, Elias El-Mafarjeh, Ana Paula Ligeiro de Oliveira, Rodolfo Paula Vieira

Role of the inflammasome in idiopathic pulmonary fibrosis

Rosalinda Sorrentino (Sorrento, NA, Italy), Michela Terlizzi, Pasquale Imitazione, Chiara Colarusso, Maria D'Amato, Alessandro Vatrella, Aldo Pinto, Antonio Molino

Altered exhaled NO parameters in rheumatoid arthritis

Alexandra Thornadtsen (Gävle, Sweden), Anders Lind, Thomas Weitof, Marieann Högman

LSC - 2017 - Tissue-resident Natural Killer (NK) cell Phenotype in the Human Lung

Grace Cooper (Southampton, United Kingdom), Salim Khakoo, Tom Wilkinson, Karl Staples

LSC - 2017 - Proteasomal Activator 200 (PA200) Regulates Cellular Proliferation: A Putative Role For IPF And Lung Cancer Pathogenesis

Vanessa Welk (München, Germany), Thomas Meul, Juliane Merl-Pham, Martina Korfei, Ina Koch, Nora Semren, Andreas Günther, Michael Lindner, Stefanie Hauck, Oliver Eickelberg, Silke Meiners

Changes in lipid metabolism in mucopolysaccharidosis (MPS) IIIA mouse lung tissue and pulmonary surfactant

Sandra Orgeig (Adelaide, SA, Australia), Tamara Paget, Stephen Duplock, Marten Snel, Kim Hemsley, Emma Parkinson-Lawrence

Cytoplasmic signaling of polyinosinic-polycytidylic acid stimulates a quick and potent interferon response in primary macrophages

Nurlan Dauletbaev (Montréal, QC, Canada), Aparna Dintakurti, Warren Viricel, Jeanne Leblond-Chain, Larry Lands

10:45 - 12:45

Poster Discussion: NICU/ PICU: evaluating short- and long-term ventilatory management

Chairs : Suzanne W.J. Terheggen-Lagro (Amsterdam, Netherlands)

Particle size variation of nebulized albuterol occurs while traveling through neonatal mechanical ventilation circuits.

Ariel Berlinski (Little Rock, United States of America), Sathyanand Kumaran

Determinants of pulmonary dead space in ventilated newborn infants

Theodore Dassios (London, United Kingdom), Ourania Kaltsogianni, Anne Greenough

Evolution of tidal volume requirements during the neonatal period in preterm infants supported by pressure limited ventilation

Anne Greenough (London, United Kingdom), Kamal Ali, Sabina Mughal, Iram Cockar

Agreement between MATLAB® 2D and AutoCAD® methods for the evaluation of thoracoabdominal mobility in newborns

Silvana Pereira (NATAL/RN, Brazil), Danielle Cristina Gomes, Danilo Nagem, Valeria Gomes, Ingrid Guerra

Effects of spontaneous breathing with different PEEP levels on ventilator-induced lung injury in mild ARDS

Paulo Magalhaes (Recife, Brazil), Paulo Magalhães, Giselle Padilha, Lillian Moraes, Bárbara Silva, Lívia Andrade, Maria do Carmo Duarte, Patrícia Rocco, Pedro Silva

Validation of longitudinal, clinically applicable tidal breath exhaled NO measurements in hospitalized neonates.

Birgitte Schmidt (Vejby, Denmark), Pauline Reim, Andreas Jensen, Per Albertsen, Gorm Greisen, Inger Merete Joergensen

Accuracy of flow and pressure parameters delivered by mechanical ventilators in use in neonatal intensive care unit (NICU): a quality control study

Marta Tossici (Milano, Italy), Raffaele L. Dellacà, Valentina Dell'Orto, Anna Lavizzari, Paolo E. Tagliabue, Chiara Veneroni, Fabio Mosca, Maria Luisa Ventura, Daniele De Luca

Outcome of infants with right versus left sided congenital diaphragmatic hernia

Anne Greenough (London, United Kingdom), Kamal Ali

The use of chest CT scan in evaluation of structural lung sequelae in congenital diaphragmatic hernia survivors.

Marijke Proesmans (LEUVEN, Belgium), Emma Beel, Stein Magnus Aukland, Mieke Boon, Francois Vermeulen, Anne Debeer

Low-frequency oscillatory mechanics in very preterm infants with and without Bronchopulmonary Dysplasia

Benjamin Stoecklin (Wembley, Australia), Shannon Simpson, Graham Hall, Zoltan Hantos, Jane Pillow

Longitudinal assessment of lung mechanics in preterm infants

Emanuela Zannin (Milano, MI, Italy), Raffaele Dellacà, Roland Neumann, Sven Schulzke

Intrauterine growth retardation and lung function in prematurely born young people

Christopher Harris (London, United Kingdom), Samuel Morris, Alan Lunt, Anne Greenough, Janet Peacock

Changes in respiratory oscillatory mechanics of spontaneously breathing preterm infants receiving CPAP over the first day of life

Anna Lavizzari (, Italy), Marta Tossici, Chiara Veneroni, Francesco Beretta, Fabio Mosca, Raffaele L. Dellacà, Mariarosa Colnaghi

Resuscitation of prematurely born infants at birth; is airway obstruction common?

Katie Hunt (London, United Kingdom), Vadivelam Murthy, Prashanth Bhat, Anne Greenough

Temporary tracheal stenting for airway obstruction in a neonate after pulmonary artery sling repair

Christina Keßler (Münster, Germany), Michael Mohr, Heymut Omran, Sabrina Lueck, Katarzyna Januszewska, Edward Malec, Claudius Werner

Experience with subcutaneous treprostinil in children with pulmonary arterial hypertension

Alba Torrent Vernetta (Castelldefels (Barcelona), Spain), Sandra Rovira Amigo, Ignacio Iglesias Serrano, Maria Morillo, Inés de Mir Messa, Silvia Gartner, Dimpna Albert Brotons, Antonio Moreno Galdó

Long term effect of palivizumab immunization on children born before 29 weeks gestation

Nofar Amitai (Tel Aviv, Israel), Patrick Stafler, Huda Mussaffi, Meir Mei Zahav, Hannah Blau, Dario Prais

10:45 - 12:45

Poster Discussion: Molecular pathways in lung development

Chairs : Jennifer J.P. Collins (Rotterdam, Netherlands)

Bone morphogenetic protein 9 protects against neonatal hyperoxia-induced impairment of lung development, inflammation and fibrosis.

Gerry T. M. Wagenaar (Leiden, Netherlands), Xueyu Chen, Mar Orriols, El Houari Laghmani, Annemarie M. Hoogeboom, Anne C. B. Hogen-Esch, Pieter S. Hiemstra, Gert Folkerts, Marie-José Goumans, Peter ten Dijke, Nicholas Morrell, Frans J. Walther

Tenascin C knockout mice have an altered lung function at newborn and adult age

Tiziana Patrizia Cremona (Bern, Switzerland), Matthias Roth-Kleiner, Johannes Schittny, Sandrine Gremlich Irrausch

Mesenchymal Tsc2 deficiency causes retarded lung alveolarization and polycystic kidney lesion

Siying Ren (Los Angeles, United States of America)

Fgfr2b signaling in Alveolar Epithelial type II cells following pneumonectomy in mice

Negah Ahmadvand (Giessen, Germany), Cho-Ming Chao, Saverio Bellusci

IL-6-FOXO1 signaling as a novel mediator of metabolic programming of bronchial smooth muscle hypertrophy and asthma-like lung disease

Miguel Angel Alejandro Alcázar (Köln, Germany), Katharina Dinger, Philipp Kasper, Christina Vohlen, Soni Pullamsetti, Silke van Koningsbruggen-Rietschel, Eva Hucklenbruch-Rother, Jörg Dötsch, Miguel Angel Alejandro Alcázar, Jasmine Mohr

Novel functional role of GH/IGF1 axis in neonatal lung fibroblasts is linked to lung growth after intrauterine growth restriction

Miguel Angel Alejandro Alcázar (Köln, Germany), Miguel Angel Alejandro Alcázar, Jawed Nawabi, Christina Vohlen, Katharina Dinger, Christian Klaudt, Celien Kuiper, Chansutha Thangaratnarajah, Eva Lopez Garcia, Kai-D. Nüsken, Silke van Koningsbruggen-Rietschel, Jörg Dötsch

The role of FoxO transcription factors in normal and aberrant late lung development

Francesco Palumbo (Gießen, Germany), Werner Seeger, Rory E. Morty

Maternal interleukin-5 and/or eosinophils affect airway physiology of offspring

Katie Lebold (PORTLAND, United States of America), Matthew Drake, Allison Fryer, Nancy Lee, James Lee, David Jacoby

The impact of caffeine on TGF-β signaling and brochopulmonary dysplasia

Philipp Rath (Bad Nauheim, Germany), Claudio Nardiello, Jordi Ruiz-Camp, Werner Seeger, Rory E. Morty

Characterization of pulmonary TCF21 positive cells during neo-alveolarisation

Jose Alberto Rodriguez-Castillo (Bad Nauheim, Germany), José Alberto Rodríguez-Castillo, Aglaia Ntokou, Ann Atzberger, Michelle D. Tallquist, Werner Seeger, Rory E. Morty, Katrin Ahlbrecht

Mesenchymal lineage formation in the lung during development and disease

Elie El Agha (GIESSEN, Germany), Saverio Bellusci

10:45 - 12:45

Poster Discussion: Thoracic Surgery

Chairs : Dragan R. Subotic (Basel, Switzerland), Cagatay Tezel (Istanbul, Turkey)

Adrenalectomy for isolated adrenal metastases in operable patients with NSCLC- single institution study.

Anatoli Semkov (SOFIA, Bulgaria), Danail Petrov, Georgi Iankov, Georgi Todorov

Provident Diagnostic Method for Interstitial Lung Disease: Awake Uniportal Videothoracoscopy

Kenan Can Ceylan (Zmir, Turkey), Fatma Demirci Ucsular, Seyda Ors Kaya, Ozgur Ozturk, Sena Ugur Caliskan

Unsuspected N2 disease: A retrospective analysis comparing survival in patients with suspected N2 disease in non-small cell lung cancer

Chihyu Chen (Taichung, Taiwan), Chiahung Chen, Weichih Liao, Chihyen Tu, Chuenming Shih

A retrospective analysis to determine patient suitability for Endobronchial Lung Volume Reduction

Ahmer Irfan (Glasgow, United Kingdom), David Anderson

Analysis of 163 Stage IIIA NSCLC patients treated with surgery. When is neoadjuvant treatment really recommended?

Milica Kontic (Beograd, Republic of Serbia), Milan Savic, Dragana Maric, Spasoje Popevic, Slavisa Bascarevic, Marko Kostic, Dejan Moskovljevic, Maja Ercegovac, Dragana Jovanovic

Single versus (vs) double chest tube drainage following lobectomy; do we still need to debate this or is it a 'no brainer'?

Georgia Hardavella (London, United Kingdom), Premjithlal Bhaskaran, Ioannis Karampinis, Nikolaos Anastasiou

Minimally Invasive Thymectomy in Non-Thymomatous Myasthenia Gravis Cases

Kenan Can Ceylan (Zmir, Turkey), Seyda Ors Kaya, Ozgur Ozturk, Yasar Zorlu, Muhtesem Gedizlioglu

Surgery of thoracic paragangliomas. About 9 cases

amina abdelkbir (ben arous, Tunisia), Hazem Zribi, Imen Bouassida, Mahdi Abdennadher, Sarra Zairi, Hanen Smadhi, Sarra Maazaoui, Adel Marghli

Video-assisted thoracoscopic surgery lobectomy: which patients require postoperative physiotherapy?

Sebastian Lugg (Birmingham, United Kingdom), Paula Agostini, Kerry Adams, Tom Smith, Maninder Kalkat, Pala Rajesh, Richard Steyn, Babu Naidu, Ehab Bishay, Alison Rushton

Expression of matrix metalloproteinases (MMPs) in primary spontaneous pneumothorax: MMP-9 as a potential biomarker for surgical intervention

Chia-Jung Wang (Keelung City, Taiwan), Chih-Yung Chiu, Tzu-Ping Chen, Jim-Ray Chen, Shen-Hao Lai, Kin-Sun Wong

Unplanned impossible tracheal intubation with double-lumen tube: a case of bronchial blocker creation

Gianluca Zani (Ravenna, Italy), Roberto Righetti, Marina Diamanti, Aliza Scaramuzza, Matilde Papetti, Elia Graziani, Massimo Terenzoni, Federico Domenico Baccarini, Maurizio Fusari

Comparison of postoperative neutrophil-to-lymphocyte ratio and its changes between intubated and non-intubated patients during lung resection surgery
Mincheol Rho (Seoul, Republic of Korea), Wonjeung Hwang

Preoperative pulmonary complication risk assessment in patients undergoing curative surgery for lung cancer
Ruslan Litvinyak (Lviv, Ukraine), Nazar Lukavetsky, Ihor Hipp

Concomitant right intralobar pulmonary sequestration (IPS) and mediastinal bronchogenic cyst (MBC) in elderly patient presented with hemoptysis: case report.
Anatoli Semkov (SOFIA, Bulgaria), Mihail Plochev, Georgi Iankov, Danail Petrov

Lung function assessment in octogenarians with lung cancer diagnosis
Monika Franczuk (Warszawa, Poland), Stefan Wesolowski, Piotr Rudzinski, Tadeusz Orłowski, Jerzy Usiekiewicz

10:45 - 12:45

Oral Presentation: IPF: clinical problems

Chairs : Martina Vasakova (Prague, Czech Republic), Maria Molina Molina (Hospitalet de Llobregat (Barcelona), Spain)

10:45 **Analysis of comorbid conditions in 1210 IPF patients from the EMPIRE registry**
Dragana M. Jovanović (Belgrade, Republic of Serbia), Nesrin Mogulkoc, Martina Sterclová, Beata Zolnowska, Vladimír Bartos, Martina Pláková, Veronika Müller, Ladislav Lacina, Robert Slivka, Martina Doubková, Marija Rokсанди Milenkovic, Radka Bittenglová, Imrich Jonner, Magdalena Martusewicz-Boros, Monika Žurková, Ilona Binková, Ma gorzata Sobiecka, Richard Tyl, Marzena Trzaska-Sobczak, Pawel Sliwinski, Vladimíra Loš áková, Sebastian Majewski, Pavlína Lisá, Katarzyna Lewandowska, Hana Šuldová, Jasna Tekavec-Trkanjec, Amelia Szymanowska-Narloch, Lenka Šišková, Anikó Bohács, Ján Plutinský, Bohumil Matula, Štefan Tóth, František Pet ík, Margita Bu eková, Jana Pšikalová, Miklós Zsiray, Jaroslav Ln ní ka, Vladimír íhák, Zsuzsanna Szalai, Zoltán Balikó, Štefan Laššán, Pavlína Musilová, Imre Lajkó, Tomáš Snížek, Jan Anton, Ji í Homolka, Peter Palúch, Róbert Vyšehradský, Renata Králová, Jan Kervitzer, Daniel Doležal, Maria Szilasi, Jan Kus, Marta Hájková, Michal Svoboda, Jana Strenková, Martina Vašáková

11:00 **Exacerbations, hospitalisations and mortality in patients with idiopathic pulmonary fibrosis in clinical practice: INSIGHTS-IPF registry**
Juergen Behr (München, Germany), David Pittrow, Antje Prasse, Hubert Wirtz, Dirk Koschel, Stefan Andreas, Martin Claussen, Christian Grohé, Heinrike Wilkens, Lars Hagmeier, Dirk Skowasch, F. Joachim Meyer, Joachim Kirschner, Sven Gläser, Felix J.F. Herth, Tobias Welte, Claus Neurohr, Martin Schwaiblmair, Matthias Held, Thomas Bahmer, Silke Geier, Jens Klotsche, Marion Frankenberger, Michael Kreuter

11:15 **Frequency and risk factors associated to Interstitial Lung Abnormalities (ILA) in asymptomatic older (>60 years) individuals**
Ivette Buendia Roldán (MÉXICO D.F, Mexico), Ivette Buendia Roldán, Karen Martinez-Espinosa, Mayra Mejia, Eduardo Montes, Marco Checa, Melannie Königshoff, Annie Pardo, Moises Selman

11:30 **Voxelwise lung pattern transition scores on HRCT images and their association with symptoms in patients with idiopathic pulmonary fibrosis**
GraceHyun Kim (Los Angeles, United States of America), Matthew Brown, Pechin Lo, Jonathan Goldin

11:45 **Automatic quantitative fibrosis scores at baseline is a predictor of progression in patients with IPF**
GraceHyun Kim (Los Angeles, United States of America), Matthew Brown, Jonathan Goldin, Peiyun Lu, Eduard Gorina, Seth Porter

12:00 **QLF change is more sensitive than FVC change in predicting Progression Free survival (PFS) in IPF trials**
Jonathan Goldin (Santa Monica, United States of America), Grace Kim, Peiyun Lu, Eduard Gorina, Matthew Brown

12:15 **Prognostic significance of Glasgow Prognostic Score in patients with acute exacerbation of idiopathic pulmonary fibrosis**
Hye Seon Kang (Seoul, Republic of Korea), Yong Hyun Kim, Soon Seog Kwon, Jin Woo Kim

10:45 - 12:45

Oral Presentation: Clinical update on bronchiectasis and NTM infections

Chairs : James D. Chalmers (Dundee, United Kingdom), Eva Polverino (Barcelona, Spain)

- 10:45** **The association between gastro-oesophageal reflux and exacerbations of bronchiectasis: data from the EMBARC registry**
Melissa McDonnell (Galway, Ireland), Robert Rutherford, Anthony De Soyza, Michael Loebinger, Pieter Goeminne, Charles Haworth, Francesco Blasi, Montserrat Vendrell, Felix Ringshausen, Stefano Aliberti, Eva Polverino, James Chalmers
- 11:00** **Sputum Pregnancy Zone Protein (PZP) - a potential biomarker of bronchiectasis severity**
Alexandria Smith (Dundee, United Kingdom), Jean-Yu Choi, Simon Finch, Samantha Ong, Holly Keir, Alison Dicker, James Chalmers
- 11:15** **Reduction of the cost associated with exacerbations after treatment with nebulized sodium colistimethate (Promixin®) in patients with bronchiectasis (BQ) and chronic bronchial infection (CBI) with Pseudomonas aeruginosa (PsA).**
Belen Maria Navas Bueno (motril, Spain), Elisabeth Garcia Cortacero, Jose Manuel Vaquero Barrios, Alicia Padilla Galo, Enrique Gonzalez-Moya Mondelo, Juan Carlos Bioque Rivera, Silvia Navarro Merlos, Agustin Valido Morales, Jose Luis Lopez Campos Bodineau, Rocio Jimeno, Francisco Casas Maldonado, Manuel Arenas Gordillo
- 11:30** **Eradication treatment in Non CF bronchiectasis: The effect of inhaled antibiotics (tobramycin and colistin) on patients with pseudomonas aeruginosa**
Maria Kaponi (ATHENS, Greece), Theodoros Karampitsakos, Argyris Tzouvelekis, Serafeim Chrysikos, Myrsini Melachroinidou, Anna Gousiou, Demosthenes Bouros, Christina Triantafillidou, Katerina Dimakou
- 11:45** **The Epidemiology of Pulmonary Nontuberculous Mycobacterial Disease in Japan**
Ho Namkoong (Tokyo, Japan), Atsuyuki Kurashima, Kozo Morimoto, Yoshihiko Hoshino, Ato Manabu, Satoshi Mitarai, Naoki Hasegawa
- 12:00** **Changing epidemiology of pulmonary nontuberculous mycobacteria infections over a 20-year period in Biscay, Spain**
Sandra Pedrero Tejada (Santurtzi (Vizcaya), Spain), Eva Tabernero Huguet, Idoia Salinas Garrido, Elena Urria Zalbidegoitia, Rafael Zalacain Jorge, Eunata Arana Arri, Esteban Ciruelos Ayuso, Marta Inchausti Iguñiz
- 12:15** **Cardiovascular disease risk in patients with nontuberculous mycobacteria disease treated with macrolide**
Jieun Kang (Seoul, Republic of Korea), Ye-Jee Kim, Tae Sun Shim, Kyung-Wook Jo

10:45 - 12:45

Oral Presentation: Update on TB: latest news**Chairs :** Raquel Almeida Ferreira Duarte Bessa Melo (PORTO, Portugal), Chair to be confirmed

- 10:45** **Multidrug- and rifampicin-resistant tuberculosis (MDR/RR-TB) : global response**
Dennis Falzon (Geneva, Switzerland), Ernesto Jaramillo, Karin Weyer
- 11:00** **Pediatric multidrug-resistant tuberculosis in Belgium: a nationwide retrospective cohort study.**
Kelly Salmon (Tielt-Winge, Belgium), Guido Groenen, Sophie Blumental, Frédéric Lebrun, Petra Schelstraete, Susanne Van Steijn, Françoise Mouchet
- 11:15** **Provision of systematic testing for active TB in refugees at CPSA centers**
Lucia Barcellini (novara, Italy), Emanuele Borroni, Giovanna Stancanelli, Elisa Tagliani, Alberto Matteelli, Bruno Cacopardo, Sergio Pintaudi, Diana Cinà, Daniela Maria Cirillo, Serena Leotta
- 11:30** **Latent tuberculosis infection in young refugees in Germany a multicentre, cross-sectional study**
Maya Mueller-Hermelink (Hamburg, Germany), Benedikt Methling, Cornelius Rau, Isabell Auer, Robin Kobbe, Folke Brinkmann
- 11:45** **What is the optimal follow-up period for TB contacts- experience from a a population-based study in a TB-endemic area**
Jia-Yih Feng (Taipei, Taiwan), Ming-Che Lee, Sheng-Wei Pan, Wei-Juin Su
- 12:00** **Antibody and host inflammatory biomarker combinations as diagnostic tools for TB disease**
Ruschca Jacobs (Cape Town, South Africa), Novel Chegou, Gerhard Walzl
- 12:15** **IP-10 point-of-care tests for monitoring treatment efficacy in tuberculosis in a low-resource setting**
Ida Marie Hoel (Bergen, Norway), Melissa Davidsen Jørstad, Morten Ruhwald, Tehmina Mustafa, Anne Ma Dyrrhol-Riise

10:45 - 12:45

Oral Presentation: The lungs and the heart during exercise**Chairs :** Matteo Bonini (London, United Kingdom), Luis Puente Maestu (Madrid, Spain)

- 10:45** **Left ventricular volume and wall stress are linked to lung function impairment in COPD**
Peter Alter (MARBURG, Germany), Rudolf Jörres, Henrik Watz, Tobias Welte, Sven Gläser, Holger Schulz, Robert Bals, Frank Biertz, Emiel Wouters, Jørgen Vestbo, David Young, Claus Vogelmeier
- 11:00** **Ventricular-arterial coupling is improved following exercise training in COPD**
Jinelle Gelinias (Lake Country, BC, Canada), Neil Eves
- 11:15** **Bronchodilators do not change ventilatory efficiency during exercise in COPD**
Katherine Webb (Kingston, ON, Canada), Denis O'Donnell, J. Alberto Neder, Amany Elbehairy
- 11:30** **Hemodynamic effects of incremental dynamic hyperinflation**
William Spencer Cheyne (Kelowna, Canada), Jinelle Gelinias, Laura Harp, Neil D Eves
- 11:45** **Short and long-term effects of pulmonary endarterectomy on ventilatory responses and exercise capacity of patients with chronic thromboembolic pulmonary hypertension**
Roberta Pulcheri Ramos (SAO PAULO/SP, Brazil), Eloara VM Ferreira, Angelo Cepeda, Carolina Messina, Rudolf Oliveira, Camila Costa, Danielle Bedin, JA Neder, LE Nery, Jaqueline Sonoe Ota-Arakaki
- 12:00** **Limitations of exercise tolerance in patients with IPF.**
Jan Chlumsky (Praha 4, Czech Republic), Martina Vasakova, Martina Sterclova, Jan Anton, Peter Paluch
- 12:15** **Chemosensitivity and ventilatory inefficiency in pulmonary vascular diseases**
Jason Weatherald (Calgary, AB, Canada), Caroline Sattler, Athénaïs Boucly, Xavier Jaïs, Laurent Savale, David Montani, Gérald Simonneau, Marc Humbert, Gilles Garcia, Pierantonio Laveneziana, Olivier Sitbon

10:45 - 12:45

Oral Presentation: New insights into pulmonary hypertension from recent trials**Chairs :** Lewis Rubin (New York, United States of America), Olivier Sitbon (Le Kremlin-Bicêtre, France)

- 10:45** **Effect of riociguat on pulmonary arterial compliance in patients with pulmonary arterial hypertension (PAH) in the RESPITE study**
Marius M. Hoeper (Hannover, Germany), Paul A. Corris, Hossein-Ardeschir Ghofrani, James R. Klinger, David Langleben, Robert Naeije, Gérald Simonneau, Pavel Jansa, Stephan Rosenkranz, Ekkehard Grünig, Laura Scelsi, Christian Meier, Dennis Busse, Raymond L. Benza
- 11:00** **Pulmonary arterial hypertension-related morbidity is prognostic for survival: insights from the SERAPHIN and GRIPHON studies**
Marius M. Hoeper (Hannover, Germany), Vallerie V. McLaughlin, Richard N. Channick, Kelly M. Chin, Marion Delcroix, Sean Gaine, Hossein A. Ghofrani, Pavel Jansa, Irene M. Lang, Sanjay Mehta, Tomás Pulido, Bhagavatula K. S. Sastry, Gérald Simonneau, Olivier Sitbon, Rogério Souza, Adam Torbicki, Victor Tapson, Loïc Perchenet, Ralph Preiss, Pierre Verweij, Lewis J. Rubin, Nazzareno Galiè
- 11:15** **Iron carboxymaltose improves exercise tolerance and right heart strain in patients with PAH and iron deficiency: A long-term pilot study**
Tilman Kramer (Köln, Germany), Kristiana Natsina, Thomas Viethen, Felix Gerhardt, Daniel Dumitrescu, Stephan Baldus, Stephan Rosenkranz
- 11:30** **The ARROW Study: A Phase 2, Prospective, Randomized, Double-Blind, Placebo-Controlled Study of Selonsertib in Subjects with Pulmonary Arterial Hypertension**
Gabriel Brooks (Foster City, United States of America), Stephan Rosenkranz, Jeremy Feldman, Vallerie McLaughlin, Franz Rischard, James White, Ramin Ebrahimi, Carol Satler, Robert Frantz, Tobias Lange
- 11:45** **Macitentan for inoperable chronic thromboembolic pulmonary hypertension (CTEPH): results from the randomised controlled MERIT study**
Gérald Simonneau (Le Kremlin-Bicêtre, France), Gérald Simonneau, Zhi C. Jing, Andrea M. D'Armini, Peter Fedullo, Luke Howard, Xavier Jaïs, David P. Jenkins, Nick H. Kim, Michael Madani, Nicholas Martin, Eckhard Mayer, Kelly Papadakis, Dominik Richard, Hossein A. Ghofrani
- 12:00** **RISE-IIP: Riociguat for the treatment of pulmonary hypertension associated with idiopathic interstitial pneumonia**
Steven D Nathan (Falls Church, United States of America), Juergen Behr, Harold R Collard, Vincent Cottin, Marius M Hoeper, Fernando Martinez, Tamera Corte, Anne Keogh, Hanno Leuchte, Nesrin Mogulkoc, Silvia Ulrich, Wim Wuyts, Stephen Malcolm, Sukrut Shah, Mia Yao, Athol Wells
- 12:15** **Using controlled and real-world data in concert to assess survival benefits in pulmonary arterial hypertension: Insights from SERAPHIN and REVEAL**
Raymond Benza (Pittsburgh, United States of America), Adam Torbicki, Hajime Uno, Richard Channick, Marion Delcroix, Harrison Farber, Nazzareno Galiè, Hossein A. Ghofrani, Brian Hennessy, Pavel Jansa, Michael McGoon, Sanjay Mehta, Loïc Perchenet, Tomás Pulido, Daniel M. Rosenberg, Lewis J. Rubin, Bhagavatula K. S. Sastry, Gérald Simonneau, Olivier Sitbon, Rogerio Souza, Lee-Jen J. Wei

10:45 - 12:45

Oral Presentation: ENDS**Tag(s)** : Smoking prevention and cessation (HLFL)**Chairs** : Charlotta Pisinger (Glostrup, Denmark), Paraskevi Katsaounou (Athens, Greece)**LSC - 2017 - Effects of e-cigarette vapour condensate upon human alveolar macrophage function**

Aaron Scott (Birmingham, United Kingdom), Sebastian Lugg, Kerry Aldridge, Rahul Mahida, Phillip Howell, Davinder Dosanjh, Babu Naidu, David Thickett

10:45 Dissolution of metals in e-liquids

Efthimios Zervas (Patra, Greece), Maria Karali, Theofilos Ioannides, Stefania Athanosopoulou, Eleni Litsiou, Paraskevi Katsaounou, Christina Gratziou

11:00 Comparative assessment of the side-stream aerosols emitted from heat-not-burn tobacco devices, e-cigarettes and traditional cigarettes

Constantinos Sioutas (Los Angeles, United States of America), Ario Ruprecht, Cinzia De Marco, Arian Saffari, Paolo Pozzi, Roberto Mazza, Chiara Veronese, Giorgia Angellotti, Elena Munarini, Anna Chiara Oligari, Dane Westerdahl, Sina Hasheminassab, Martin Shafer, James Schauer, James Repace, Roberto Boffi

11:15 Evaluation of respiratory irritants among the most popular e-cigarette refill liquids across 9 European countries

Constantine Vardavas (Athens, Greece), Manolis Tzatzarakis, Alexander Vardavas, Charis Girvalaki, Polychronis Stivaktakis, Taxiarchis Nikolouzakis, Aristidis Tsatsakis

11:30 Acute effects of active e-cigarette inhalation on arterial stiffness

Magnus Lundbäck (STOCKHOLM, Sweden), Magnus Lundbäck, Lukasz Antoniewicz, Amelie Brynedal, Jenny Bosson

10:45 - 12:45

Oral Presentation: The ongoing struggle: insights into chronic lung allograft dysfunction (CLAD)**Chairs** : Christian Benden (Zürich, Switzerland), Geert Verleden (Leuven, Belgium)**10:45 Diagnosis of chronic lung allograft dysfunction using absolute values and percentages predicted**

Stijn E Verleden, Anke Van Herck, Tobiaz Heigl, Annelore Sacreas, Hannelore Bellon, Dirk E Van Raemdonck, Bart Vanaudenaerde, Geert M Verleden, Robin Vos

11:00 Post hoc analysis of a randomized trial of azithromycin in bronchiolitis obliterans syndrome after Lung transplantation (BOS); Lung function and survival

Tji Gan (Groningen, Netherlands), Chris Ward, Jim Lordan, Gerry Meachery, Andy Fisher, Paul Corris

11:15 Pirfenidone in Chronic Lung Allograft Dysfunction after Lung Transplantation: A single-centre experience.

David Bennett (SIENA, Italy), Antonella Fossi, Maria Lucia Valentini, Luca Luzzi, Piero Paladini, Paola Rottoli, Rosa Metella Refini

11:30 Relation of sputum and BAL neutrophils to the development of Chronic Lung Allograft Dysfunction after lung transplantation

Liv Ingunn Bjoner Sikkeland (OSLO, Norway), Michael Durheim, Tonje Riste, Johny Kongerud, Neil E. Alexis, Are M. Holm

11:45 Gene expression markers to segregate lung transplant rejection phenotypes

Stijn Verleden (LEUVEN, Belgium), Joshua Yang, Tara Sigdel, Juliane liberto, Geert Verleden, Robin Vos, bart Vanaudenaerde, Minnie Sarwal

12:00 A role for the mesothelium in restrictive chronic lung allograft dysfunction?

Annelore Sacreas (Leuven, Belgium), Tobias Heigl, Hannelore Bellon, Anke Van Herck, Birgit Weynand, Eric Verbeken, Karen Maes, Drik Van Raemdonck, Geert Verleden, Robin Vos, Bart Vanaudenaerde, Stijn Verleden

12:15 Bioengineered nanoparticles targeted to mesenchymal cells from patients with BOS exert anti-inflammatory activity

Emanuela Cova (Pavia, Italy), Simona Inghilleri, Davide Piloni, Monica Morosini, Laura Pandolfi, Miriam Colombo, Simona Mrakic-Sposta, Sarah Moretti, Sara Magni, Davide Prosperi, Federica Meloni

11:00 - 12:30

Professional development workshop: PDW5 Medical Writing**Chairs** : Gilbert Massard (STRASBOURG, France)

Planning and delivering high quality publications
Gilbert Massard (STRASBOURG, France)

12:50 - 14:40

Thematic Poster: Migrants and screening

Chairs : Dumitru Chesov (Chisinau, Republic of Moldova), Antoni Soriano-Arandes (BARCELONA, Spain), Senia Rosales-Klitz (Solna, Sweden), Chair to be confirmed

Immigrants' access to health care: problems identified in a high-risk tuberculosis population
Rita Linhas (Porto, Portugal), Olena Oliveira, Paula Meireles, Ana Domingues, Carolina Rocha, Mafalda Melo, Rita Gaio, Raquel Duarte

Tuberculosis in Moldovan labour migrants
Lesnic Evelina (Chisinau, Republic of Moldova), Adriana Niguleanu, Artiom Jucov

Active tuberculosis cases in migrants in Newham: should we extend screening criteria for latent tuberculosis infection
George Ransley (London, United Kingdom), Matthew Burman, Nivenka Jayasekera, Susan Dart, Devan Vaghela, Heinke Kunst, Jessica Potter

Impact of systematic screening on the burden of tuberculosis in Azerbaijan prisons
Elmira Gurbanova (BAKU, Azerbaijan), Rafail Mehdiyev, Kai Blondal, Alan Altraja

Treatment of DR-TB in penitential system of Georgia with new TB-medications.
Nana Kiria (TBILISI, Georgia), Zaza Avaliani, Lali Mikiashvili, Eka Archvadze

Incidence of latent tuberculosis infection(LTBI) among high risk healthcare workers at a tertiary referral hospital in South Korea.
Hyung Woo Kim (Seoul, Republic of Korea), Jick Hwan Ha, Ah Young Shin, Joong Hyun Ahn, Ju Sang Kim

Opportunistic screening for Tuberculosis in homeless patients
Anindo Banerjee (Eastleigh, United Kingdom), Campbell Pamela, Nwoguh Francisca, Fudge Deborah, Brown Rachel, Elkington Paul, Marshall Ben

Efficacy of isoniazid preventive therapy for latent tuberculosis infection in patients with immune-mediated inflammatory disorders-a retrospective cohort study in Taiwan
Wei-Juin Su (Taipei, Taiwan), Shiang-Fen Huang, Ming-Han Chen

High LTBI positivity rates due to methotrexate. False Positives?
Miguel Arias Guillen (Oviedo (Asturias), Spain), Marta María Sánchez-Menéndez, Sabino Riestra-Menéndez, Javier Ballina García, Celso Alvarez Alvarez, Teresa González-Budiño, Susana Martínez-González, Ana Isabel Enríquez, Rebeca Alonso-Arias, Juan José Palacios Gutiérrez, Pablo Martínez Cambor, Miguel Santibáñez, Lucía García-Alfonso, Isla Morante, Patricio Escalante

Tuberculosis in patients on TNF inhibitor treatment in Latvia.
Anda Nodieva (Stopinu nov., Latvia), Sophie Kindermann, Ingrida Sture, Anita Skangale, Anita Jagmane, Nailja Lukmanova, Gunta Kirvelaite, Zinta Berzina, Lilita Dinka, Ruta Pastare, Vita Kalnina, Vija Rendniece, Iveta Ozere, Vija Riekstina, Margarita Baumane

Impact of enhanced case finding on case notification rate in pulmonary tuberculosis
Ashish Kumar Prakash (GURGAON (HARYANA), India), Bornali Datta, David Ford, Praveen Tanwar, Pinky Goyal

Incidence of tuberculosis and its resistance to rifampicin in symptomatic contacts of MDR and non MDR-TB patients.
Swapnil Manaji Thorve (MUMBAI (MAHARASHTRA), India), Saurabh Mandilwar, Agam Vora

Contact tracing in pulmonary versus non-pulmonary tuberculosis- the impact of the 2016 NICE guidelines?
Christopher Craig (Manchester, United Kingdom), Nicola Scott, Rizwan Ahmed

Review of Tuberculosis outbreak in a Boarding School in Bolton, United Kingdom
Rizwan Ahmed (Leeds, United Kingdom), Ian Freeman, Sameira Sohail

Are TB services in England adhering to new NICE guidelines on screening for latent TB?
Christopher Craig (Manchester, United Kingdom), Ruth Cade, Rizwan Ahmed

Diaskintest at patients after successful treatment of lung tuberculosis
Goar Balasaniantc (Leningrad Oblast, Russian Federation), Nataly Skotnikova

Combinatorial ELISPOT and T-cell immunoprofiling with CD25+/CD134+ co-expression in latent TB infection

Patricio Escalante (Rochester, United States of America), Tobias Peikert, Jeremy Clain, Virginia Van Keulen, Courtney Erskine, Adam Schrum, Andrew Limper

Modulation of QuantiFERON-TB-Gold Plus response in patients with active tuberculosis and latent infection during treatment

Elisa Petruccioli (ROMA, RM, Italy), Teresa Chiacchio, Valentina Vanini, Gilda Cuzzi, Daniela M Cirillo, Fabrizio Palmieri, Giuseppe Ippolito, Delia Goletti

12:50 - 14:40

Thematic Poster: TB: diagnosis, severity and practical management

Chairs : Keertan Dheda (CAPE TOWN, South Africa), Eva Van Braeckel (Ghent, Belgium), Tuula Vasankari (Kaarina, Finland), Elmira Ibraim (BUCURESTI, Romania)

Role of AFB stain, Mycobacterium tuberculosis M.TB) culture and TB-PCR in EBUS-TBNA samples for diagnosing TB in an endemic country

Kamal Kumar Gera (FARIDABAD (HARYANA), India), Nevin Kishore, Umang C Shah, Nitin Dayal, Kanika Singh

The role of bronchoscopy and nucleic acid amplification test in pulmonary tuberculosis diagnosis

Maria Alvarenga Santos (LISBOA, Portugal), Joana Branco, Margarida Aguiar, Susana Clemente, Vera Martins, Raquel Tavares, Ana Rita Silva, Paulo Rodrigues, Sofia Furtado

Retrospective Cohort Study over a period of 5 years of Spinal Tuberculosis at a large London Tertiary Centre.

Devan Vaghela (london, United Kingdom), Yunshu Ma, Matthew Burman, Jessica Potter, Veronica White, Claire Barraclough, Heinke Kunst, Nivenka Jayasekera, Simon Tiberi

Spondylodiscitis complicating chest Tuberculosis.

Henda NEJI (Ariana, Tunisia), Ines Kasraoui, Monia Attia, Mariem Affes, Soumaya Ben Saad, Ines Baccouche, Saoussen Hantous-Zannad, Khaoula Ben Miled-M'rad

Prevalence of pulmonary tuberculosis in spinal tuberculosis patients

Mohammad Abdulrazaq (Bagdad, Iraq), Faiq Gorial, Hayder Fawzi, Ali Hassan

Pleural tuberculosis: diagnostic methods in a General Hospital.

Hugo Karlen (La Plata-Buenos Aires, Argentina), Marcela Heres, Marco Solís, Agustín García, Marcos Hernández, Juan Zaracho, Silvia Quadrelli, Eduardo Medinacelli

Sensitivity and specificity of Genotype MTBDRplus line probe assay in rapid diagnosis of tuberculous pleural effusion

Irfan Muhammad (KARACHI, Pakistan), Kauser Jabeen, Sehrish Butt, Ali Bin Sarwar Zubairi, Safia Awan, Rumina Hasan

Nitric oxide - a marker of tuberculosis process activity

Viacheslav Zhuravlev (St. Petersburg, Russian Federation), Marina Dyakova, Nina Alexeyeva, Diljara Esmedlyaeva, Tatiana Perova

Tb or not Tb; that is the paradoxical reaction.

Devan Vaghela (london, United Kingdom), Aqsa Haq, Amudeep Sandhu, Thomas Swaine, Matthew Burman, Heinke Kunst, Jonathan Lambourne, Mathina Darmalingham, Simon Tiberi, Jessica Potter

Compliance - is patient adherence to treatment, as well as partnerships between doctor and patient

Sanjar Sultanov, Natalya Khomova, Fatima Tashpulatova

Tuberculosis: Liaison between Hospitals and Ambulatory TB Centres

Telma Chantal Almeida Sequeira (Carnaxide, Portugal), Miguel Villar

Study of drug resistance profile in Multidrug resistant tuberculosis (MDR TB) patients attending a tertiary care hospital at Mumbai.

Pratibha Singhal (MUMBAI (MAHARASHTRA), India), Vivek Toshniwal, Swapnil Kulkarni, Kapil Iyer

Tolerance and side effects of second line anti tubercular drugs

Soumaya Agrebi (Bizerte, Tunisia), Soumaya Ben Saad, Chaima Habouria, Hafaoua Daghfous, Fatma Tritar

Efficiency of Bedaquiline in treatment of XDR-TB

Ekaterina Beliaeva (St.-Petersburg, Russian Federation), Anna Starshinova, Tatiana Potepun, Tatiana Suprun, Tatiana Savina

Experience of Bedaquiline use in treatment of XDR-TB patients

Irina Chernokhaeva (St.-Petersburg, Russian Federation), Maria Pavlova, Elena Ershova, Anna Starshinova, Evgenia Istomina, Ekaterina Belyaeva, Nadezhda Sapozhikova, Piotr Yablonskiy

Study of sputum conversion in drug resistant tuberculosis patients attending a tertiary care centre in navi mumbai

Aleena Mariam Mathew (Nerul (Maharashtra), India), Girija Nair, Abhay Uppe, Jayamol Raveendran, Shahid Patel

The efficacy and safety of adjunctive corticosteroids in the treatment of tuberculous pleurisy: A systematic review and meta-analysis

Shuanshuan Xie (shanghai, China), Changhui Wang, Ming Li

Whether embolization of bronchial arteries improves results of treatment of complicated MDR/XDR TB cavitary forms?

Anna Maltseva (Ekaterinburg, Russian Federation), Igor Kochmashev, Elena Kildyusheva, Glafira Zaletaeva, Sergey Skornyakov

Title: Smear Negative Pulmonary Tuberculosis: Clinico-radiological profile and diagnostic role of bronchoscopy with BAL studies in Indian population

Jayamol Revendran (Mumbai, India), Girija Nair, Abhay Uppe, Vipul Sengal, Kanishk Sinha, Sanket Jain

12:50 - 14:40

Thematic Poster: TB co-morbidities and outcome**Chairs :** Heather Milburn (London, United Kingdom), Manfred Danilovitch (TARTU, Estonia), Santino Capocci (London, United Kingdom), Chair to be confirmed**Prevalence and factors associated with the Tuberculosis (TB) and Diabetes (DM) co-occurrence: a cross sectional study from Sri Lanka**

Amila Rathnapala (Minuwangoda, Sri Lanka), D Rodrigo, D Punyadasa, W V Senaratne

Influence of thyroid state on clinical running of tuberculosis and chemotherapy outcomes in concomitant diabetes

Svitlana Matveyeva (Kharkiv, Ukraine), Olga Shevchenko, Olga Pogorelova

Influence of thyroid function activity on the index of immunity in tuberculosis patients

Svitlana Matveyeva (Kharkiv, Ukraine), Olga Shevchenko, Olga Pogorelova

The association of body mass index with incidence of tuberculosis in Korea

Soo Jung Kim (Seoul, Republic of Korea), Shinhee Ye, Ye ji Han, Eunhee Ha, Eun Mi Chun

Interstitial lung diseases misdiagnosed as tuberculosis.

Nousheen Akhter (Karachi, Pakistan), Nadeem Rizvi

Bacteriological etiology of pneumonia in patients with tuberculous destroyed lung

Chi Young Jung (Daegu, Republic of Korea), Hyun Jung Kim

Non Invasive Ventilation in Acute Respiratory Failure in Patients of Post Tubercular Bronchiectasis: Effectiveness and Predictors of Failure.

Jai Kumar Samaria (VARANASI (UTTAR PRADESH), India), Kumar Utsav

Asthma as a sequelae to pulmonary tuberculosis

vivek toshniwal (hyderabad, India), sravan macherla, pratibha singhal

Factors associated with sputum culture conversion in patients with pulmonary tuberculosis

Greta Musteikiene (Kaunas, Lithuania), Skaidrius Miliuskas, Marius Žemaitis, Raimundas Sakalauskas

The peculiarities of etiological verification of pulmonary TB in patients with chronic renal disease in the terminal stage before and after kidney transplantation

Olga Gordeeva (Moscow, Russian Federation), Natalia Karpina

Diagnoses of genito-urinary tuberculosis with CT-imaging in HIV-positive patients

Oleg Zuban (Moscow, Russian Federation), Radmir Chotchaev, Irina Sokolina, Elena Bogorodskaya, Michael Sinitsyn

Impact of HIV status, CD4 count and antiretroviral treatment on tuberculosis treatment outcomes in a low-burden country

Vera Clerigo (LISBOA, Portugal), Ana Castro, Teresa Mourato, Conceição Gomes

Pulmonary tuberculosis among elderly and senile-aged patients depending on Mycobacterium strains

Olha Konstantynovska (Kharkiv, Ukraine), Petro Poteiko, Tetiana Synenko, Iryna Kuznietsova, Anton Rohozhyn, Oleksii Solodiankin, Oleksandr Liashenko

Anxiety and depression in patients of pulmonary tuberculosis with and without endobronchial tuberculosis

Gang Hou (Shenyang, Liaoning, China), Xiao-bo Wang, Xue-lian Li, Qing Zhang, Juan Zhang, Wei-yuan Xu, Qiu-yue Wang, Jian Kang

Deciphering tuberculosis by virtue of women's panorama

Kanchan Srivastava (LUCKNOW (UTTAR PRADESH), India), Ajay K. Verma, Anand srivastava, Surya Kant

Socioeconomic Conditions Contributing to Multi Drug Resistant (MDR) and Extremely Drug Resistant(XDR) Tuberculosis

Padmaraj Suresh Ankale (Mumbai (Maharashtra), India), Girija Nair, Abhay Uppe, Aleena Mathew, Ria shah

Factors affecting outcomes of individualised treatment for drug resistant tuberculosis in an endemic region

Prashant Nemichand Chhajed (MUMBAI (MAHARASHTRA), India), Avinandan Saha, Preyas J Vaidya, Vinod B Chavhan, Kamlesh V Pandey, Arvind H Kate, Joerg D Leuppi, Michael Tamm

Drug resistant tuberculosis at a drug resistant tuberculosis centre, India- Analysis of outcome

Manoj Waghmare (Mumbai, India), Ketaki Utpat, Unnati Desai, Jyotsna Joshi

Treatment outcome of multi-drug resistant tuberculosis in the Republic of Moldova

Valentina Vilc (Chisinau, Republic of Moldova), Stela Bivol, Viorel Soltan, Rita Seicas

Risk factors for fatal tuberculosis among immunocompetent patients.

Islam Mejri Ep Ajili (Hammamli Ben Arous, Tunisia), Soumaya Ben Saad, Lamine Megdiche, Hafaoua Daghfous, Fatma Tritar

12:50 - 14:40

Thematic Poster: NTMs and microbiology and laboratory techniques**Chairs :** Valeriu Crudu (Chisinau, Republic of Moldova), Claire Andrejak (Amiens, France), Daniela Maria Cirillo (Milano, MI, Italy), Chair to be confirmed**5-year survival of patients with nontuberculous mycobacteria pulmonary disease (NTM-PD)–data from Croatian national registry**

Mateja Jankovic (Zagreb, Croatia), Ivan Sabol, Ljiljana Zmak, Ana-Marija Sola, Ljiljana Bulat-Kardum, Sanja Popovic Grle, Brigita Ticac, Marko Jakopovic, Andrea Vukic Dugac, Ana Hecimovic, Fedja Dzibur, Vesna Carevic-Vladic, Miroslav Samarzija, Drazen Strelec

Profile of non-tuberculous mycobacteria patients in Lisbon

Maria Francisca Teixeira Lopes (LISBOA, Portugal), Sara Alfarroba, Ana Dinis, Maria Da Conceição Gomes, António Tavares

Apoptosis plays a protective role against Mycobacterium avium infection in mice

Masaki Fujita (Fukuoka, Japan), Takemasa Matsumoto, Satoshi Ikegame, Rintaro On, Kentaro Watanabe

Characteristics and outcomes of 197 patients newly diagnosed with pulmonary mycobacterium avium complex disease

Eri Hagiwara (Yokohama, Japan), Takuma Katano, Erina Tabata, Ryota Shintani, Shinko Sadoyama, Satoshi Ikeda, Hideaki Yamakawa, Tshuneyuki Oda, Ryo Okuda, Akimasa Sekine, Hideya Kitamura, Tomohisa Baba, Shigeru Komatsu, Takashi Ogura

Mycobacterium xenopi pulmonary disease in Croatia

Mateja Jankovic (Zagreb, Croatia), Ivan Sabol, Ljiljana Zmak, Marko Jakopovic, Ana-Marija Sola, Sanja Popovic-Grle, Ljiljana Bulat-Kardum, Brigita Ticac, Andrea Vukic Dugac, Ana Hecimovic, Fedja Dzibur, Miroslav Samarzija, Vesna Carevic-Vladic, Daniel Sekula

Genotyping of human Mycobacterium kansasii isolates from Poland.

Ma gorzata Proboszcz (Warszawa, Poland), Zofia Baku a, Magda Modrzejewska, Aleksandra Safianowska, Justyna Ko ciuch, Rafa Krenke, Tomasz Jagielski

A cross sectional study of drug resistant tuberculosis in previously treated cases.

Anshu Gul Punjabi (MUMBAI (MAHARASHTRA), India), Rakesh Waghmare, Rahul Lokhande, Tilak Dhamgaye, Vishwanath Pujari, Pavankumar Biraris

Diagnosing Pulmonary Tuberculosis by Pooling Induced Sputum

Mei Ying Chew (Singapore, Singapore), Jeffrey Ng, Teck Guan Lim, Tow Keang Lim

Sensitivity of Xpert MTB/RIF in induced sputum in smear negative pulmonary tuberculosis patients?

Nisar Ahmed Rao (KARACHI, Pakistan)

Comparison studies of GENEXPERT versus MGIT culture of Bronchial Lavage in sputum smear negative suspected Pulmonary Tuberculosis

Ria Shah (Mumbai (Maharashtra), India), Abhay Uppe, Girija Nair, Aarti Sharma, Shahid Patel, Jayamol Ravindran

The cycle of threshold value of cartridge based nucleic acid amplification test and its correlation with time to positivity in AFB culture

Ashish Kumar Prakash (GURGAON (HARYANA), India), Bornali Datta, Anand Jaiswal, Pinky Goyal, Poulomi Chatterji, Sandeep mittal

LINE PROBE ASSAY – BEST MODALITY FOR EARLY DIAGNOSIS OF MULTIDRUG RESISTANT TUBERCULOSIS

Poulomi Chatterjee (GURGAON (HARYANA), India), Bornali Datta, Abhishek Aggarwal, Ashish Prakash, Pinky Goyal, Anand Jaiswal

Pharmacoeconomic aspects of drug susceptibility testing of M. tuberculosis using automated liquid culture systems and solid media

Anastasia SamoiloVA (Moscow, Russian Federation), Alla Rudakova, Irina Vasilyeva, Vadim Testov, Anna Panova

Clinical utility of pleural fluid interferon-gamma release assay in tuberculous pleurisy diagnosis

Tetsuro Ohdaira (Niigata city, Japan), Takashi Shimizu, Katsuhiko Kuwabara, Junko Baba, Naho Matsuyama, Naoya Matsumoto, Hiroshi Moriyama, Hiromi Miyao, Takahisa Koizumi, Takehiro Watanabe

Assessment of specific immunoglobulins in patients with lung tuberculosis

Evgenia Istomina (Leningrad region, Russian Federation), Anna Starshinova, Irina Chernokhaeva, Michail Nazarenko, Sergey Landa, Michail Filatov, Piotr Yablonskiy

Mycobacterium tuberculosis Cording in Alveolar Macrophages of Tuberculosis Patients and Mycobacterial Virulence

Elena Ufimtseva (Novosibirsk, Russian Federation), Natalya Eremeeva, Marionella Kravchenko, Diana Vakhrusheva, Sergey Skornyakov

Alveolar Macrophages Produced from Resected Lungs of Patients with Pulmonary Tuberculosis

Elena Ufimtseva (Novosibirsk, Russian Federation), Natalya Eremeeva, Marionella Kravchenko, Diana Vakhrusheva, Sergey Skornyakov

12:50 - 14:40

Thematic Poster: Paediatric TB; MDRTB (II).**Chairs :** Folke Brinkmann (BOCHUM, Germany), Cécile Magis-Escurra (Nijmegen, Netherlands), Chair to be confirmed**Delayed diagnosis and management of tuberculosis in children**

Besma Hamdi (Manouba oued ellil, Tunisia), Besma Hamdi, Baraa Bdira, Alaa Akaad, Jammel Ammar, Anissa Berraies, Agnes Hamzaoui

Features of immunological parameters in children with generalized tuberculosis.

Anna Starshinova (ST PETERSBURG, Russian Federation), Irina Dovgaluk, Ulia Ovchinnikova, Valentina Vatutina, Olga Yakunova, Peter Yablonskiy

Childhood tuberculosis in Iasi County, Romania: 15 years review

Adriana Sorete Arbore (IASI, Romania), Violeta Cojocariu

Signs of tuberculous lesions of the sternum and the ribs in children, detected by CT

Pavel Gavrilov (ST PETERSBURG, Russian Federation), Valera Gilyova, Ivan Baulin, Nina Sovetova, Alexandre Mushkin

Severe thoracic tuberculous spondylitis (Pott's disease) in a 4-year old child treated with antitubercular treatment and surgical decompression, pedicle screw instrumentation and vertebral body reconstruction - a case report

Nataliya Gabrovska (Sofia, Bulgaria), Kaloyan Gabrovski, Krasimir Minkin, Svetlana Velizarova, Petko Minchev

Clinical profile of drug resistant tuberculosis in Pediatric Population, India.

Swathi Karanth M. P. (Shimoga (Karnataka), India), Unnati Desai, Jyotsna M Joshi

The utility of EBUS-TBNA in the investigation of suspected mediastinal and hilar tuberculosis in children

Haider Al-Najjar (Manchester, United Kingdom), Simon Bailey, Mark Woodhead, Durgesh Rana, Nadira Narine, Fran Child, Omendra Narayan, David Shelton

Efficacy and safety of isoniazid in syrup form for IPT in children

Tatiana Sprynsian (Kyiv, Ukraine), Oleksii Denysov, Lilia Todoriko, Inga Ieremenchuk, Igor Semianiv

Prevalence of dyspnoea in patients with treated pulmonary tuberculosis

Mikhail Chushkin (Moscow, Russian Federation), Lydia Popova, Oleg Ots, Petr Struchkov, Olga Nenasheva

Estimation of susceptibility hospital strains of Mycobacterium tuberculosis (Mtb) Beijing to disinfectants

Natalya Ereemeeva (Yekaterinburg, Russian Federation), Diana Vakhruscheva, Tatyana Umpeleva, Vladimir Kanichev, Kseniya Belousova, Leonid Lavrechuk

The efficacy, safety and tolerability of the short 12-month pre-XDR-TB regimen regimen in Ukraine at the expense of using intravenous administration of anti-tuberculosis drugs during intensive phase

Nataliia Lytyvnenko (Kyiv, Ukraine), Mycola Gumenuk, Hanna Varytrska, Oksana Chobotar, Nataliia Grankina

Effectiveness of treatment and correction of side effects in pulmonary MDR/XDR TB patients with concomitant liver injury

Eduard Vaniev (Moscow, Russian Federation), Irina Vasilyeva, Atadzhan Ergeshov

Predicting the efficiency of the treatment of drug-resistant tuberculosis depending on the polymorphism variation of glutathione-S-transferase genes

Igor Semianiv (Chernivtsi, Ukraine), Lilia Todoriko, Inga Ieremenchuk

Prevalence of Pre-XDR-TB, XDR-TB among MDR-TB patients registered at PMDT site Nishtar Hospital Multan Pakistan

Muhammad Atiq Ul Mannan (MULTAN, Pakistan), Azam Mushtaq, Sarmad Naqvi

Clinical management improves the treatment outcome of MDR-TB patients

Ling Chen (Sydney, NSW, Australia), Quanxian Liu, Yuqin Li, Jianyong Zhang, Hong Zhang

Use of Anabolic steroids in malnourished pulmonary tuberculosis patients.

Dimple Chawla (karachi, Pakistan), Kamran Khan, Nadeem Rizvi

12:50 - 14:40

Thematic Poster: Medical education, web and internet**Chairs :** Monica Fletcher (Warwick, United Kingdom), Chair to be confirmed**Assessment of senior medical students' knowledge in treatment of patients with community-acquired pneumonia (KNOCAP project)**

Roman Bontsevich (Belgorod, Russian Federation), Kristina Shchurovskaya, Mikhail Pokrovsky, Tatyana Pokrovskaia

Assessment of senior medical students in the field of COPD (ASCO project). Update 2016

Kristina Shchurovskaya (Belgorod, Russian Federation), Roman Bontsevich, Tatyana Pokrovskaia, Natalya Goncharova, Valeriya Barysheva, Galina Ketova, Asya Ponomareva, Elena Luchinina, Galina Batisheva

Spirometry quality in medical students: results from the lung development study of the University of Granada

Bernardino Alcazar Navarrete (Cájar, Spain), Jesus J Maldonado Ostios, Pedro J Romero Palacios, Cristina Valenzuela Sanchez, Elvira Ruiz Castellano

Problem-based learning as a tool in postgraduate medical education

Amir Hakim (London, United Kingdom), Rachel Gibson, Lina Johansson

Attitudes of medical students towards the influenza vaccination

Grigory Pankin (London, United Kingdom), Clementina Calabria, Nicholas Jackson, Irem Patel, Amit Patel

Hang Doctor: A Smartphone App to Learn and Improve Knowledge of TNM Classification in Non-Small Cell Lung Cancer (NSCLC).

Markus Glatzer (St. Gallen, Switzerland), Paul Martin Putora, Dirk De Ruyscher, Philippe Lambin, Adriana Berlanga

TB knowledge among nonTB physicians

Goar Balasaniantc (Leningrad Oblast, Russian Federation), Vasilisa Zarifova, Karen Akmaev

The assessment of informational sources credibility in catarrhal diseases treatment

Roman Bontsevich (Belgorod, Russian Federation), Alesya Lysenko, Kristina Shchurovskaya, Tatyana Pokrovskaia, Larisa Goryainova

Evaluation of the use of e-learning in training management of asthma and COPD in general medicine.

Djehri Yacine (Constantine, Algeria), Taright Samya, Amine Meridj, Khaled Tlili, Belala Redouane

Exacerbation in COPD: a web platform to evaluate, in real-life, COPD management in the Apulia Region (Italy)

Antonio Giuseppe Palmiotti (foggia, Italy), Donato Lacedonia, Maria Pia Foschino Barbaro, Onofrio Resta, Vito Liotino, Francesco Satriano, Pietro Schino, Pier Luigi Di Napoli, Eugenio Sabato, Ettore Attolini, Milena Ruccia, Elio Costantino

Physician training for Obstructive Airways Disease (OAD) in India- What knowledge do physicians lack the most and what is the impact of a 1-day Refresher Course?

Priyanka Thakare (Pune, India), Noopur Hedawoo, Sundeep Salvi, Monica Barne, Sapana Madas, Sushma Jadhav

Enabling asthma management and outcomes monitoring through standardized EMR data and eTools

Ann Taite (Kingston, ON, Canada), Delanya Podgers, Jennifer Olajos-Clow, Moyses Patricia, Jessica Schooley, Andrew Day, M. Diane Lougheed

Narrative medicine to evaluate the relationship between clinicians and patients living with severe asthma

Antonietta Cappuccio (Milano, Italy), Maura Latella, Girolamo Pelaia, Francesco Menzella, Guido Pellegrini, Maria Giulia Marini

Assessment of knowledge gap among primary care physicians over diagnosis of chronic airways diseases in India

Shilpa Jain (Gurgaon, India), Priyanka Gupta, Sandeep Bhalla, Sourabh Sinha, Ambrish Mishra, Shruti Nair, Monica Barne, B V Murlimohan, Sundeep Salvi, D Prabhakaran

Monitoring adherence to treatment regimen of inhaled medication use in a clinical trial with an investigational eFlow nebulizer (eTrack)

Carola Fuchs (München, Germany), Matthias Brosig, Matthias Finke, David Fiebig, Pravin Soni, Ahmet Tutuncu, Rod Saponjic, Martin Knoch

Obstructive Sleep Apnea and use of the continuous positive airway pressure device (CPAP): patients' expectations.

Christine Rolland (BOULOGNE BILLAN COURT, France), Odile Sauvaget, Marc Sapene

Are there any psychological impacts in patients after spontaneous pneumothorax?

Hela Cherif (Tunis, Tunisia), Jihene Ben Amar, Besma Dhahri, Haifa Zaibi, Salwa Azzabi, Med Ali Baccar, Hichem Aouina

Assessment of asthma attack risk using an online risk checker

Erika Kennington (London, United Kingdom), Catherine Broadbent, Samantha Walker

Respipedia: The ERS wiki on respiratory medicine

Ali Merzouk (Genève, Switzerland), Frans de Jongh

12:50 - 14:40

Thematic Poster: Does economisation of medicine transfer into benefits for patients?

Chairs : Christopher Michael Roberts (Leytonstone, United Kingdom), Matthias Urban (WIEN, Austria), Jose Luis Lopez-Campos Bodineau (SEVILLA, Spain), Daniel Doberer (WIEN, Austria)

The cost burden of COPD in France: A retrospective analysis of an administrative primary care database

Wilhelmine Meeraus (Uxbridge, United Kingdom), Rafal Jakubanis, Robert Wood, Tim Holbrook, Yogesh Punekar, Afisi Ismaila, Johanna Despres, Geoffray Bizouard, Sarah Landis

Cost impact of time to initiation of triple therapy in COPD patients in Japan: A retrospective analysis of healthcare claims data

Afisi Ismaila (Cary, United States of America), Rafal Jakubanis, Tim Holbrook, Yogesh Punekar, Robert Wood, Wilhelmine Meeraus

Cost-effectiveness of umeclidinium bromide 62.5µg or alternative LAMA plus ICS/LABA in COPD

Maurice Driessen (Brentford, United Kingdom), Nancy Risebrough, Andrew Briggs, Afisi Ismaila, Dhvani Shah, Ian Naya, Timothy M Baker

Cost effectiveness of umeclidinium bromide 62.5 g plus ICS/LABA versus ICS/LABA in COPD

Maurice Driessen (Brentford, United Kingdom), Nancy Risebrough, Andrew Briggs, Afisi Ismaila, Dhvani Shah, Ian Naya, Timothy M Baker

Single inhaler triple therapy in patients with advanced COPD: healthcare resource utilisation and cost data from the FULFIL study

Afisi Ismaila (Cary, United States of America), Helen Barnacle, Ruby Birk, Noushin Brealey, Nancy Risebrough, Dhvani Shah, Maggie Tabberer, Shiyuan Zhang, Chang-Qing Zhu, David Lipson

Cost-effectiveness of fixed-dose combinations therapies for COPD in Spain

Margarita Capel, Maria Mareque, Carlos Jose Alvarez, Leandro Lindner, Itziar Oyagüez

Cost-effectiveness of tiotropium versus glycopyrronium in moderate to very severe COPD in France

Laura Luciani (Paris, France), Oskar Eklund, Fredrik Borgström, Maria Lindh, Caroline Laurendeau, Bruno Detournay

Cost-effectiveness analysis of afatinib vs gefitinib in EGFR-Mutated population with advanced non-small-cell lung cancer

Luciani Laura, Christos Chouaid, Gerard De Pourville

Cost-effectiveness of afatinib versus erlotinib for the treatment of squamous non-small cell lung cancer in france after a first-line platinum based therapy

Laura Luciani (Paris, France), Maud Pignata, Ceilidh McConnachie, Christos Chouaid, Stéphane Roze, Katell Le Lay

IMPACT OF COMORBIDITY ON DIRECT MEDICAL COSTS OF COMMUNITY-ACQUIRED PNEUMONIA (CAP)

Anna V Demchuk (Vinnytsia, Ukraine), Yuriy M Mostovoy

Cost Effectiveness Of Bronchial Thermoplasty For Treatment Of Severe Asthma Patients In Scotland

Wai-Ting Nicola Lee (GLASGOW, United Kingdom), Rekha Chaudhuri, Stephen Bicknell, Katie Ferguson, Malcolm Shepherd, Jesse D Ortendahl, Tanya G.K. Bentley, Michael J. Cangelosi

Cost effectiveness of bronchial thermoplasty for treatment of severe asthma patients in spain

Michael Cangelosi (Marlborough, United States of America), Luis Puente Maestu, Jesse Ortendahl, Tanya Bentley

Can correct inhalation technique programs reduce costs due to hospitalization of patients with obstructive pulmonary diseases?

Zlatina Ivanova (Pleven, Bulgaria), Iliya Krachunov, Nikolay Kyuchukov, Nikolay Yanev, Pavlina Glogovska, Plamen Pavlov, Tsania Popova, Ivan Ivanov, Yavor Ivanov

Economic burden of asthma among patients visiting a private hospital in south India

Surendran Aneeshkumar (KOLLAM (KERALA), India), Singh Raj

Non fulfillment adherence in a Czech outpatient department serving COPD and asthma patients in one year

Pavel Turáni (BRNO, Czech Republic), Pavel Turáni, Jana Skřítková

12:50 - 14:40

Thematic Poster: COPD and weaning**Chairs :** Ezgi Özyilmaz (ADANA, Turkey), Maxime Patout (ROUEN, France), Chair to be confirmed**Importance of neutrophil to lymphocyte ratio and platelet to lymphocyte ratio in COPD exacerbations**

Elif Babaoglu (ANKARA, Turkey), Sevinc Sarinc Ulasli, Emine Keles, Elif Tugce Korkmaz, Deniz Koksall, Salih Emri

Predictors of invasive mechanical ventilation in patients with acute exacerbation of chronic obstructive pulmonary disease

Gordana Pavlisa (Zagreb, Croatia), Hrvoje Puretic, Fedja Dzubur, Marina Labor, Andrea Vukic Dugac, Ana Hecimovic, Mateja Jankovic Makek, Marko Jakopovic, Miroslav Samarzija

Effect of sputum bacteriology on the prognosis of patients with acute exacerbations of bronchiectasis

Fatma Çiftci (ANKARA, Turkey), Fatma Çiftci, Deniz Dogan Mulazınoğlu, Serhat Erol, Aydin Ciledag, Akin Kaya

Assessment of a ventilator circuit adapter to be used in conjunction with the Respimat* Soft Mist Inhaler (SMI)

Jason Suggett (London, ON, Canada), Mark Nagel

High-flow oxygen therapy for treatment of acute exacerbation of copd with bronchiectasis.

Claudia Crimi (Catania, CT, Italy), Alberto Noto, Enrico Heffler, Raffaele Campisi, Sandro Distefano, Nunzio Crimi

The prognostic value of the dead-space fraction and other physiological parameters in the weaning process of mechanical ventilation in patients with air flow obstructive diseases

Gamal Agmy (ASSIUT, Egypt), Hala Mohammed, Abeer Hassanin

Reduced AECOPD hospital admission rate by using a decision flowchart in the emergency department

Tessa Pletting (Leiden, Netherlands), Sarah R.J. Van Oord- Bosselaar, Tessa Nizet, Harry Heijerman

Value of neutrophil-to-lymphocyte ratio, procalcitonin, and C-reactive protein in help to predict weaning outcome: a prospective, observational cohort study

Zujin Luo (BEIJING, China), Zhixin Cao, Yingying Zheng, Liu Yang, Sijie Liu, Jian Zhu, Na Zhao, Baosen Pang, Yingmin Ma

Predictors of success in weaning from invasive mechanical ventilation (IMV) in patients admitted to an intermediate respiratory care unit: a single-centre experience in Italy.

Nicoletta Carpena (Pisa, PI, Italy), Alessandro Celi, Laura Carrozzi, Luciano Gabbriellini, Domiziana Pellegrini, Antonio Palla

Mortality and risk factors of extubation failure following successful spontaneous breathing trial

Maria Khan (KARACHI, Pakistan), Ghufuran Adnan

EndOxy – Long-term endothelial cell coating of oxygenator membranes

Christian Cornelissen (Aachen, Germany), Sarah Menzel, Lena Thiebes, Michael Dreher, Stefan Jockenhoewel

Accuracy of the new timed inspiratory effort (TIE) index in prolonged weaning

Leonardo Souza (RIO DE JANEIRO/RJ, Brazil), Bruno Guimarães, Joecmir Lugon

Acceptance criteria for intensive care: we need new definitions and legislations for futile treatment!

Nezihe Ciftaslan Goksenoglu (STANBUL, Turkey), Nalan Ad guzel, Donduye Ozgul, Ozlem Moc n Yaz c oglu, Huriye Berk Tak r, Feyza Karg n, Mustafa Ay, Cuneyt Salturk, Zuhul Karakurt, Ilim Irmak

Eosinopenia as a prognostic factor in patients with acute exacerbation of chronic obstructive pulmonary disease.

Adam Bialas (Lodz, Poland), Kamil Kornicki, Maciej Ciebiada, Adam Antczak, Joanna Mi kowska - Dymanowska, Wojciech Piotrowski, Pawe Górski

Admission status of respiratory, peripheral muscle strengths deficits and functionality in non-ventilated patients under intensive care

Maria Karoline de França Richtmoc (Recife, Brazil), Wagner Souza Leite, Carlos Eduardo Santos Rego Barros, Amina Maria Soares Lima, Anielle Martinz Azevedo, Alanna Paula Vasconcelos, Erika Alves Marinho Andrade, Caio Cesar Araujo Morais, Wildberg Alencar, Maria Inês Remigio, Daniella Cunha Brandão, Armele Dornelas de Andrade, Shirley Lima Campos

12:50 - 14:40

Thematic Poster: Sepsis, infections, ARDS and beyond

Chairs : Christian Bruells (Aachen, Germany), Federico Longhini (Borgomanero, NO, Italy), Begüm Ergan (Izmir, Turkey), Chair to be confirmed

The effect of sepsis on the outcome of spontaneous breathing trial

Nikoletta Rovina (ATHENS, Greece), Anna Kyriakoudi, Ourania Koltsida, Elissavet Konstantelou, Matina Kardara, Eirini Kostakou, Giorgos Gavriilidis, Ioannis Vasileiadis, Nikolaos Koulouris, Antonia Koutsoukou

Risk factors and outcomes of severe influenza pneumonia with bacterial co-infection in critically ill patients

Yen-Fu Chen (Douliou, Taiwan), Pei-Fen Wu, Chia-Lin Yang, Ying-Chun Chien, Kai-Lun Yu, Chung-Yu Chen

Resting Energy Expenditure (REE) level is significantly associated with CRP, WBC and the Sepsis-related Organ Failure Assessment (SOFA) score in ICU septic patients

David Shitrit (KFAR SABA, Israel), David Dahan, Daniel King, Lilach Israeli-Shani, Gali Epstein Shochet

Low vitamin D levels at ICU admission in initially non-septic patients and outcomes

Alice Vassiliou (ATHENS, Greece), Edison Jahaj, Zafeiria Mastora, Stylianos Orfanos, Anastasia Kotanidou

Pleural ultrasonography, new standard for para pneumonic effusion ? French multicentric prospective study. Preliminary report

Youcef Douadi (Amiens, France), Camille Garoute, Isabelle Rault, Marine Gosset-woimant, Damien Basille, Bruno Philippe, Gilles Mangapian, Herve Le Floch, Sophie Laroumagne, Hughes Morel, Philippe Richard, Thomas Flament, Francois Goupil, Xavier D halluin, Arnaud Scheerperel, Isabelle Huet, Alexandre Ampere, Emmanuelle Lecuyer, Remi Suguenot, Charles Dayen, Vincent Jounieaux, Melanie Drucbert

Kinetics of serum adiponectin and HMWA (High Molecular Weight Adiponectin), and mortality in ICU patients with sepsis

Irene Karampela (ATHENS, Greece), Evangelia Kandri, George Antonakos, Evangelos Voyatzakis, Gerasimos-Socrates Christodoulatos, George Dimopoulos, Apostolos Armaganidis, Maria Dalamaga

Circulating fetuin-A as a biomarker predicting mortality in ICU septic patients

Irene Karampela (ATHENS, Greece), Evangelia Kandri, George Antonakos, Evangelos Voyatzakis, Gerasimos-Socrates Christodoulatos, George Dimopoulos, Apostolos Armaganidis, Maria Dalamaga

Mortality related factors in aspiration pneumonia

Fatma Erboy (Kozlu - Zonguldak, Turkey), Bulent Altinsoy, Muge Meltem Tor, Figen Atalay

The role of ghrelin in critically-ill patients with sepsis

Ioanna Nikitopoulou (ATHENS, Greece), Anastasia Kotanidou, Alice Vassiliou, Edison Jahaj, Stylianos Orfanos

Predictive role of central venous oxygen saturation in patients with acute type I respiratory failure

Hamdy Ali Mahmoud (Naser City, Egypt), Mohsan Alsafy, Mona T. hussein, Hesham Gamal

Weaning from veno-venous extracorporeal membrane oxygenation (ECMO) after prolonged ECMO runtime - should patients be transferred to a specialized center?

Frederik Seiler (Saarbrücken, Germany), Franziska C. Trudzinski, Sabrina Hörsch, Annegret Kamp, Carlos Metz, Mohammad Alqudrah, Holger Wehrfritz, Ralf M. Muellenbach, Hendrik Haake, Robert Bals, Philipp M. Lepper

Application of ultra-protective ventilation during extracorporeal membrane oxygenation – feasibility under real-world conditions

Frederik Seiler (Saarbrücken, Germany), Annaelle Zietz, Franziska C. Trudzinski, Philipp M. Lepper, Annegret Kamp, Robert Bals

Unilateral lung edema after the removal of spontaneous pneumothorax

Vladimir Volchkov (St. Petersburg, Russian Federation), Andrey Nefedov, Andrey Boyarkin, Elizaveta Volchkova

Intensive care of patients with severe influenza during the epidemic in 2016

Vladimir Volchkov (St. Petersburg, Russian Federation), Olga Titova, Dmitry Larin, Andrey Nefedov, Elizaveta Volchkova

Impact of the misclassification of the severity at the time of entry in the hospital on critically ill respiratory patients' prognosis

Txomin Zabala Hernandez (Bilbao (Bizkaia), Spain), Amaia Artaraz Ereño, Ane Uranga Echeverria, Amaia Aramburu Ojembarrena, Amaia Garcia Loizaga, Cristobal Esteban Gonzalez, Myriam Aburto Barrenechea, Pedro Pablo España Yandiola

Comparative evaluation of accuracy of pulse oximeters and factors affecting their performance in a tertiary care intensive care unit.

Anupam Singh (GHAZIABAD, India), Malvinder Singh

Comparison of NUTRIC score and MUST score for assessment of critically ill patients for early advanced nutrition therapy.

Fawad Hameed (Taunton, United Kingdom), Stephen Harris

Patient profile at intensive care units in Turkey: 922 patients multicenter prevalence study

Özlem Yazicioglu Mocin (STANBUL, Turkey), Ezgi Ozyilmaz, Tu Ba Onalan, Ozlem Edipoglu, Cuneyt Salturk, Gulsah Seydao Lu, Huseyin Arikan, Zerrin Ozcelik, Sema Turan, Iskender Kara, Atilla Kara, Emine Dagi, Selma Duru Bulbul, Kadriye Kahveci, Metin DinçEr, Nimet Senoglu, Huseyin Ozkarakas, I Lhan Bahar, Melike Cengiz, Atilla Ramazanoglu, Burcu Celik, Ummugulsun Gayg S Z, Gulay Kir, Ahmet Bindal, Belgin Akan, Isil Ozkocak Turan, Fatma Yildirim, Burcu Ba Ar K, Zeliha Arslan Ulukan, Serdar Efe, Murat Sungur, Sahin Temel, Seval Izdes, Derya Hosgun, Nurhan Karadeniz, Eylem Tuncay, Nezihe Goksenoglu, Ilim Irmak, Utku Datli, Avsar Zerman, Devrim Akdag, Levent Ozdemir, Gulseren Elay, Yucel Karacayir, Arzu Topeli, Pervin Hanc, Esat Kivanc Kaya, Pinar Guven, Hilal Sazak, Semih Aydemir, Gulbin Aygencel, Yusuf Aydemir, Zahide Doganay, Ozgur Komurcu, Volkan Hanci, Emre Karakoc, Didem Sozutek, Guven Coskun, Gungor Ates, Civan Tiryaki, Ay E Nur Soyturk, Nermin Kelebek Girgin, Gulbahar Caliskan, Oben Biyikli, Necati Gokmen, Ugur Koca, Aydin Ciledag, Kezban Ozmen Suner, I Smail Ciner, Mustafa Kemal Arslantas, Fethi Gül, Sena Ataman, Cenk Kirakli, Fevziye Tuksavul, Recai Ergun, Nafiye Yilmaz, Defne Altintas, Leyla Talan, Murat Yalcinsoy, Mehmet Nezir Gullu, Perihan Ergin Ozcan, Günseli Orhun, Yusuf Savran, Murat Emre Okur, Sedar Akpınar, Pelin Sen, Gul Gursel, Irem Serifoglu, Ender Gedik, Oner Abidin Balbay, Turkey Akbas, Sinem Cesur, Hülya YolaçAn, Seda Beyhan Sagmen, Pervin Korkmaz Ekren, Feza Bacak Lu, Begum Ergan, Ersin Gunay, Muzaffer Sanaydin, Dursun Ali Saglam, Sait Karakurt, Emel Eryuksel, Turgay çElikel, Funda Oztuna, Emine Sevil Ayaydin Murtezaoglu, Hakan Cinemre, Ahmet Nalbant, Oznur Yagmurkaya, Tugba Mandal, Belgin I Kidag

Prediction of readmissions to a medical intensive care unit using stability and workload index for transfer score: a single-centered retrospective cohort study

Huseyin Arikan (STANBUL, Turkey), Sait Karakurt, Emel Eryuksel

VAcHt reduction increased mortality probably due to alveolar edema in a model of lung injury induced by intestinal ischemia/reperfusion in female mice.

Fernanda Paula Roncon Santana (Diadema, Brazil), Evelyn Fantozzi, Fernanda Yamamoto Ricardo da Silva, Nathália Montouro Pinheiro, Iolanda de Fátima Lopes Calvo Tibério, Milton de Arruda Martins, Vânia Ferreira Prado, Marco Antônio Máximo Prado, Wothan Tavares de Lima, Ana Cristina Breithaupt Faloppa, Carla Máximo Prado

12:50 - 14:40

Thematic Poster: Noninvasive Ventilation for Chronic Respiratory Failure

Chairs : Dominic Dellweg (Schmallenberg Graftschaft, Germany), Peter J. Wijkstra (Groningen, Netherlands), Antoine Cuvelier (Rouen, France), Chair to be confirmed

Translation and Validation of the Portuguese Severe Respiratory Insufficiency Questionnaire

Carla Susana Maia Farinha Ribeiro (PORTO, Portugal), Daniela Ferreira, Sara Conde, Pedro Oliveira, Wolfram Windisch

Quality of life in stable home mechanically ventilated patients

Carla Susana Maia Farinha Ribeiro (PORTO, Portugal), Daniela Ferreira, Sara Conde, Pedro Oliveira, Wolfram Windisch

Mouthpiece ventilation in neuromuscular disease

Anna Annunziata (NAPOLI, NA, Italy), Giuseppe Fiorentino, Anna Michela Gaeta, Gianfranco Scotto di Frega, Rosa Cauteruccio, Antonella Marotta, Francesco De Simone, Pasquale Imitazione, Antonio M Esquinas

RESPIRATORY AND SLEEP DISORDERS IN 44 SPANISH PATIENTS WITH MYOTONIC DYSTROPHY TYPE I

Raul Moreno Zabaleta (Madrid, Spain), Gerardo Gutierrez-Gutierrez, Maria Teresa Ramirez-Prieto, Javier Montoro-Zulueta, Carlos Casanova-Rodriguez

Evolution and survival of patients with Myotonic Dystrophy and non-invasive ventilation.

Cristina Lopez Delgado (El Vendrell, Spain), Eva Farrero Muñoz, Ana Córdoba Izquierdo, Esther Giró Bulta, Lluís Mateu Gómez, Jordi Dorca Sargatal, Enric Prats Soro

Factors influencing compliance to long-term respiratory therapies in patients with myotonic dystrophy type 1

Sandra Pedrero Tejada (Santurtzi (Vizcaya), Spain), Beatriz Gonzalez Quero, Idoia Salinas Garrido, Leyre Serrano Fernandez, Valentin Cabriada Nuño, Lorea Martinez Indart, Marta Inchausti Iguñiz, Amaia Urrutia Gajate, Marta Garcia Moyano

Effects of posture on tidal Expiratory Flow Limitation (EFLT) and on minimum PEEP(Positive End Expiratory Pressure) able to abolish it in Chronic Obstructive Pulmonary Disease (COPD) patients

Ilaria Milesi (Milano, MI, Italy), Raffaele Dellacà, Simona Cacciatore, Luca Barbano, Roberto Porta, Michele Vitacca

The effects of home noninvasive mechanical ventilation on the quality of life and physiological parameters of patients with chronic respiratory failure

AYCAN YUKSEL (ANKARA, Turkey), FATMA CIFTCI, AYDIN CILEDAG, AKIN KAYA

Is it possible to reduce the carbon footprint in a regional long term ventilation service with the use of remote monitoring?

Rachael Moses (North Shields, United Kingdom), Samantha Wood, Charlene Taylor, Aashish Vyas, Morris Josh

Characterization and survival in Duchenne muscular dystrophy with non-invasive ventilation in Chile

Rodrigo Torres-Castro (SANTIAGO, Chile), Roberto Vera-Urbe, Victor Caselli, Ximena González, Raúl Valenzuela, Rebeca Paiva

PHYSIOLOGICAL EFFECTS OF THREE DIFFERENT VENTILATORY MODES IN PATIENTS WITH OBESITY HYPOVENTILATION SYNDROME UNDER NOCTURNAL NONINVASIVE VENTILATION: A PILOT RANDOMIZED STUDY

Tiago Fernandes Pinto (PORTO, Portugal), Miguel R. Gonçalves, Filipa Pires, Anabela Marinho, Marta Drummond

Home non-invasive ventilation in the Canton of Geneva: population and follow-up

Jean-Paul Janssens (Genève, Switzerland), Chloe Cantero, Patrick Pasquina, Dan Adler, Alain Bijin Younossian, Paola Gasche

Home non-invasive ventilation in the Canton of Geneva: ventilators, modes, interfaces

Jean-Paul Janssens (Genève, Switzerland), Chloe Cantero, Dan Adler, Patrick Pasquina, Alain Bijin Younossian, Paola Gasche

Impact of nocturnal non invasive mechanical ventilation in transcutaneous CO2 values in patients with chronic respiratory failure

Pedro José Ramalho Rodrigues (PORTO, Portugal), Pedro José Ramalho Rodrigues, João Machado, Rita Boaventura, Tiago Pinto, Marta Drummond, Miguel Gonçalves

The effect of chronic noninvasive mechanical ventilation on cognitive functions in patients with COPD

Fikret Kanat (Konya, Turkey), Baykal Tülek, Mecit Süerdem, Esra Yavuz Ta p nar, Nart Bedin Atalay

Health related quality of life in patients treated with long-term mechanical ventilation.

Heidi Markussen (Bergen, Norway), Gerd Karin Natvig, Sverre Lehmann, Roy Miodini Nilsen

Amyotrophic lateral sclerosis: a not-so-rare disease

Bebiana Da Conceição Fernandes Palheiros Conde (Vila Real, Portugal), Bebiana Da Conceição Fernandes Palheiros Conde, Maria Esteves Brandão, Sara Raimundo, Ana Ferreira, Joao Carlos Winck

Gastrostomy Safety in patients with Motor Neurone Disease (MND) in UK District General Hospital

Olivia Bird (Portsmouth, United Kingdom), Matt Quint, Kayode Adeniji

Advance care planning in COPD patients on home NIV at Bart's – do we do it?

Anna Moore (LONDON, United Kingdom), Poppy Denniston, Simon Lloyd-Owen

NIV (Non Invasive Ventilation) criteria and Amyotrophic Lateral Sclerosis (ALS) Survival

Cristina Ciorba (Santander (Cantabria), Spain), Maria Luz Alonso Alvarez, Estrella Ordax Carbajo, Rodrigo delaRosa Giménez, Lourdes Martin Viñe, Maria Jose Bello Sebastian, Nieves Manchado Garcia, Montserrat Pamiés Solé, Joaquin Terán Santos

12:50 - 14:40

Thematic Poster: Noninvasive Ventilation for Acute Respiratory Failure

Chairs : Bernd Schönhofer (HANNOVER, Germany), Annia Fleur Schreiber (TORINO, TO, Italy), Chair to be confirmed

Non-invasive Ventilation (NIV) for continuous positive airway pressure (CPAP) failure: does it work?

Stephanie K Mansell (Guildford, United Kingdom), Abigail Roberts, Swapna Mandal

Unconventional indications to non-invasive ventilation in the emergency department

Rodolfo Ferrari (Bologna, BO, Italy), Riccardo Voza, Daniela Agostinelli, Roberto Lazzari, Mario Cavazza

Impact of Co-morbidities on the outcome of Noninvasive ventilation (NIV) in patients of COPD patients with hypercarbic respiratory failure.

A. S. Sandhya (Rohtak (Haryana), India), Brijesh Prajapat, Deepak Talwar

Evaluation of acute NIV outcomes over three years in a university hospital

Vladimir Macavei (LONDON, United Kingdom), Terry O'Shaughnessy, Dalila AbdRahman, Arshiya Mastan, Nilaani Murugesu, Dorottya Godor

Survival and characteristics of hospitalized patients with COPD who needed non-invasive mechanical ventilation during an exacerbation

Ana Roca Noval (Madrid, Spain), Marta Erro , Tamara Alonso , Pedro Landete, Marta Hernandez, Carmen Acosta, J B.Soriano, Julio Ancochea

Could age-adjusted Charlson comorbidity index predict outcomes in patients submitted to noninvasive ventilation?

Mariana Meireles (Paços de Ferreira, Portugal), Ana Machado, Juliana Lopes, Sara Abreu, Inês Furtado, João Gonçalves, Ana Rita Costa, Andrea Mateus, João Neves

Persistent hyperglycemia as an independent predictor of non-invasive ventilation failure in acute decompensated COPD; A prospective cross sectional study.

Farah Idrees (Karachi, Pakistan), Muhammad Irfan

Utility of NIV in management of transfusion-related ARDS

Marta Grynowska (Ivano-Frankivsk, Ukraine), Volodymyr Protas, Ivan Titov

Utility of Non invasive ventilation in a mixed ICU setup

Ria Shah (Mumbai (Maharashtra), India), Abhay Uppe, Girija Nair, Akanksha Das, Aleena Mathew

Comparison of ventilation modes for acute respiratory acidosis in COPD: a retrospective study

Mayerly Carolina Uribe Rueda (Englefield Green, United Kingdom), Stephanie K Mansell, Swapna Mandal, Harriet Shannon

Non-invasive ventilation in acute and acute-on-chronic respiratory failure in a respiratory ward

João Pedro Neiva Machado (Coimbra, Portugal), João Pedro Neiva Machado, José Coutinho Costa, Teresa Costa

Response to non-invasive ventilation as a predictor for mortality in patients with acute respiratory failure due to acute exacerbation of COPD

Roy T.M. Sprooten (Cadier en Keer, Netherlands), Marlou T.H.F. Janssen, Dionne C.W. Braeken, Gernot G.U. Rohde

Non-invasive ventilation weaning in acute hypercapnic respiratory failure

Paola Faverio (Limbiate, Italy), Anna Stainer, Francesca D'Arcangelo, Federica De Giacomi, Grazia Messinesi, Valentina Paolini, Anna Monzani, Paolo Sioli, Alberto Pesci

Prognostic factors for readmission in patients treated with non-invasive mechanical ventilation

Milagros Llanos Flores (MADRID, Spain), Daniel López-Padilla, Elena Rodriguez Jimeno, Elena Ojeda Castillejo, Pilar de Lucas Ramos, Soledad López Martín

Determination of poorer outcomes using NIV in acute exacerbations of COPD

Hannah Morrow (Liverpool, United Kingdom), David Tarpey, Sam Newton, Zaroug Wahbi

Lactate as prognostic factor for length of stay in patients treated with non-invasive mechanical ventilation

Elena Rodriguez Jimeno (Madrid, Spain), Daniel Eduardo López Padilla, Milagros Llanos Flores, Elena Ojeda Castillejo, Pilar de Lucas Ramos, Soledad López Martín, Alicia Cerezo Lajas, Laura Ramírez García

Prognostic factors of mortality after the first episode of acute hypercapnic respiratory failure treated with non-invasive mechanical ventilation

Elena Rodriguez Jimeno (Madrid, Spain), Daniel López Padilla, Milagros Llanos Flores, Elena Ojeda Castillejo, Alicia Cerezo Lajas, Laura Ramírez García, Pilar de Lucas Ramos, Soledad López Martín

Prediction of non-invasive mechanical ventilation need with the use of BAP-65, DECAF and CURB-65 scales in a retrospective cohort

Ascensión María Vílchez Parras (Torredelcampo (Jaén), Spain), Ascensión María Vílchez Parras, María López López, Gerardo Pérez Chica, Celia Lacárcel Bautista

Prophylactic non-invasive ventilation helps to prevent acute respiratory failure and reintubation in patients with cardiovascular dysfunction

Ghufran Adnan (Sialkot, Pakistan), Maria Khan

12:50 - 14:40

Thematic Poster: New technical aspects in noninvasive ventilation

Chairs : Marieke L. Duiverman (Groningen, Netherlands), Claudia Crimi (Catania, CT, Italy), Szymon Skoczyński (Katowice, Poland), Chair to be confirmed

Effects of noninvasive ventilation (NIV) settings on facial skin interface pressures: an exploratory study

Jaber Alqahtani (Southampton, United Kingdom), Peter Worsley, David Voegeli

Impact of CPAP with humidification on the skin/mask interface microclimate and inflammatory response

Jaber Alqahtani (Southampton, United Kingdom), Peter Worsley, David Voegeli

Semiquantitative cough strength score is a reliable score method for clinical use by patients with neuromuscular disorder.

Sander Steijns (Margraten, Netherlands), Roy Sprooten

Longitudinal study of laryngeal response patterns to mechanical assisted cough in amyotrophic lateral sclerosis

Tiina Andersen (Bergen, Norway), Astrid Sandnes, Ove Fondenes, Ole-Bjørn Tysnes, John-Helge Heimdal, Thomas Halvorsen, Hege Clemm, Maria Vollsæter, Ola Drange Røksund, Roy Miodini Nilsen

Mechanical insufflation-exsufflation (MIE): Current UK practice

Emily Ballard (London, United Kingdom), Reegan Puthussery, Hina Pattani, Joerg Steier, Michelle Ramsay, Philip Marino, Nicholas Hart, Patrick Murphy

Ventilation in Motor Neurone Disease (MND): what happens in practice

Emily Ballard (London, United Kingdom), Mike Mackie, Samiha Ismail, Reegan Puthussery, Hina Pattani, Joerg Steier, Philip Marino, Patrick Murphy, Nicholas Hart, Michelle Ramsay, Kelly Stewart, Nicholas skipper

Extra-thoracic tracheal behaviour in COPD, effects of noninvasive ventilation and relationships with the diaphragm

Manuel Baz (Montevideo, Uruguay), Agustin Arruti, Natalia De Gorriarán, Juan Alonso, Luis Dibarboure, Hector Piriz, José Pedro Arcos, Francisco Javier Hurtado, María Clara Charlin

Effects of automatic tailoring of Positive End Expiratory Pressure (PEEP) by Forced Oscillation Technique (FOT) during nocturnal Non-Invasive Ventilation (NIV) in Chronic Obstructive Pulmonary Disease (COPD)

Ilaria Milesi (Milano, MI, Italy), Roberto Porta, Simona Cacciatore, Michele Vitacca, Raffaele Dellacà, Luca Barbano

High-flow nasal cannula versus noninvasive ventilation on lung re-aeration and diaphragm function

Annia Fleur Schreiber (TORINO, TO, Italy), Qin Lu, Nicolas Adam, Olivier Langeron

Supotto Belt®: A novel, easy fitting, and sophisticated device for successful NPPV

Tomomi Maeda (komatsu, Japan), Mutsuko Takata

High Flow Nasal Cannula with warm humidified air versus Non-Invasive Mechanical Ventilation in Respiratory Failure type II

Ioannis Papachatzakis (Athens Glyfada, Greece), Lemonia Velentza, Sofoklis Kontogiannis, Georgia Trakada

The use of remote monitoring to assess ventilator adherence and outcome within a regional home mechanical ventilation service

Aashish Vyas (MANCHESTER, United Kingdom), Rachael Moses, Yin Gn

Facial pressure ulcers amongst children on long term non-invasive ventilation: incidence and management strategies

Elaine Chan (London, United Kingdom), Garry Rendle, Ruth Grychtol, Victoria Robinson

Evaluation of iVAPS AutoEPAP in Respiratory Failure Patients

Maureen Crocker (San Diego, United States of America), Lisa Wolfe, Gerald Criner, Pamela DeYoung, Robert Owens, Krishna Sundar, Sheila Tsai, Adam Benjafeld, Leslee Willes, Atul Malhotra

In-vitro pressure analysis in nasal high flow therapy for infants

Rob Hagmeijer (Enschede, Netherlands), Boony Thio, Maria Pérez Zabalza, Joanne Goorhuis, Steven Wanrooij, Stefan Klooster, Rutger Hebbink, Hidde ter Wood

Time course of diaphragmatic ultrasonography and prognosis in patients with ALS

Roberto Tonelli (Castelvetto di Modena, Italy), Riccardo Fantini, Alessandro Marchioni, Ivana Castaniere, Martina Garofalo, Dario Andrisani, Antonia Sdanganelli, Marco Monelli, Mandrioli Jessica, Clini Enrico, Zona Stefano

Efficacy and patient comfort of a new automated ventilation feature that manages obstructive sleep apnea (OSA) during nocturnal NIV.

Fatima Sert Kuniyoshi (Buchs, Switzerland), William Hardy, Jeremy Powers, Lauren Bedont, Jeff Jasko, Jim McKenzie

Acute exposure to intermittent negative airway pressure elicits respiratory long-term facilitation in awake humans

Harry Griffin (Whitchurch, United Kingdom), Shoug Al Humoud, Josh Benson, Brendan Cooper, George Balanos

12:50 - 14:40

Thematic Poster: Respiratory muscles: evaluation and pathophysiology**Chairs :** Christina M. Spengler (Zürich, Switzerland), Maurice Hayot (Montpellier Cédex 5, France), Esther Barreiro Portela (BARCELONA, Spain)**Near-infrared spectroscopy and indocyanine green derived blood flow index for noninvasive measurement of muscle perfusion during exercise in COPD.**

Zafeiris Louvaris (LEUVEN, Belgium), Helmut Habazettl, Harrieth Wagner, Peter Wagner, Spyros Zakyntinos, Ioannis Vogiatzis

Generation of in-vivo length-tension curve in severe COPD with magnetic stimulation

Jenny Jagers (Calgary, AB, Canada), Michael Ji, WooSung Lee, Paul Easton

Effects of umeclidinium/vilanterol (UME/VIL) versus umeclidinium (UME) on exertional dyspnea and respiratory mechanics in moderate COPD

Katherine Webb (Kingston, ON, Canada), Amany Elbehairy, Azmy Faisal, J. Alberto Neder, Denis O'Donnell

Non-invasive assessment of diaphragm contractility using surface mechanomyography in healthy subjects

Manuel Lozano García (Sant Vicenç dels Horts, Spain), Manuel Lozano García, Leonardo Sarlabous, John Moxham, Gerrard F Rafferty, Raimon Jané, Caroline Jolley

Diaphragm excursion in Duchenne muscular dystrophy (DMD) by magnetic resonance imaging (MRI)

Francesca Pennati (Milano, MI, Italy), Filippo Arrigoni, Maria Grazia d'Angelo, Andrea Aliverti

Is there correlation between the medical Research Council and phrenic nerve conduction?

Rim Kammoun (Sfax, Tunisia), Zouari Héla, Kallel Nessrin, Feki Walid, Triki Leila, Kammoun Ines, Kammoun Samy, Masmoudi Kaouthar

Diaphragm pacing improves survival in a select group of amyotrophic lateral sclerosis.

Tunc Lacin (STANBUL, Turkey), Pinar Kahraman Koytak, Canan Cimsit, Nuri Cagatay Cimsit, Emel Eryuksel, Hakan Gunduz, Kayihan Uluc, Sait Karakurt, Berrin Ceyhan, Tulin Tanridag, Mustafa Yuksel

Lung function in seated and supine positions to predict diaphragm weakness in diaphragmatic paralysis

Mayra Caleffi Pereira (SAO PAULO/SP, Brazil), Jeferson George Ferreira, Vinícius Carlos Iamonti, Letícia Cardenas, Renata Pletsch, Pauliane Vieira Santana, Carlos Roberto Ribeiro de Carvalho, Pedro Caruso, André Luis Pereira de Albuquerque, Patrícia Trevizan

Maximal Inspiratory Pressure vs. Inspiratory Endurance Test to assess ventilatory dysfunction in patients with early stages of Amyotrophic Lateral Sclerosis (ALS) and compare with a control group. A pilot study

Vinicius Iamonti (Sao Paulo/SP, Brazil), Mayra Pereira, Jefferson Ferreira, Leticia Cardenas, Renata Pletsch, Patricia Trevizan, Pauliane Santana, Carlos Carvalho, Pedro Caruso, Andre Albuquerque, Gerson Chadi, Frederico Jorge

Influence of diaphragmatic control during sniff nasal inspiratory pressure on electrical activity and maximum relaxation rate of respiratory muscles in healthy subjects

Guilherme Fregonezi (Rio Grande do Norte, Brazil), Kadja Benício, Jéssica DM Fonseca, Fernando AL Dias, Andrea Aliverti, Vanessa Resqueti

Developing a new ultrasonic method to assess diaphragm movement and comparing the accuracy with existing methods.

Søren Helbo Skaarup (Hjortshøj, Denmark), Søren Helbo Skaarup, Anders Løkke, Christin Laursen

One-month repeatability of quadriceps force elicited by magnetic stimulation of the femoral nerve

Giulia Pellegrino (Milano, Italy), Giuseppe Sferrazza Papa, Dinas Alexonis, Hameeda Shaikh, Fabiano Di Marco, Stefano Centanni, Amal Jubran, Martin Tobin, Franco Laghi

Acute effects of Positive Expiratory Pressure on pulmonary dynamic hyperinflation in patients with COPD

Evelim Gomes (São Paulo, Brazil), Carla Feitoza, Dirceu Costa

Effects of maximal volitional hyperpnoea on single-leg knee-extensor exercise tolerance

Robert Needham (Nottingham, United Kingdom), Graham Sharpe, Jonathan Alvarez Olieff, Michael Johnson, Dean Mills

Inspiratory capacity during exercise in patients with diaphragmatic paralysis

Ana Luiza Brandão Galotti Panico (SAO PAULO/SP, Brazil), Ana Luiza Brandão Galotti Panico, Mayra Caleffi Pereira, André Albuquerque

Effect of vitamin D supplementation on exercise-induced laryngeal obstruction in elite athletes

Renza Ambrosanio (Torino , Italy), Michela Maria Bellocchia, Filippo Patrucco, Alice Ianniello, Daniele Mozzone, Elena Rindone, Francesco Coni, Giulio Mengozzi, Gian Pasquale Ganzit, Paolo Solidoro, Caterina Bucca

Inspiratory muscle strength training on exercise induced laryngeal obstruction, a qualitative assessment of effect.

Hege Synnøve Havstad Clemm (NESTTUN, Norway), Hege Synnøve Havstad Clemm, Maria Vollsæter, Ida Jansrud Hammer, John-Helge Heimdal, Thomas Halvorsen, Irisz Levai, Astrid Sandnes, Ola Røksund

Time-course of changes to intrathoracic pressure induced by CPAP in normal subjects

Michael Apps (Brentwood, United Kingdom), Emil Walsted, Matthew Pavitt, Laura Swanton, Adam Lewis, Sara Buttery, Nicholas Hopkinson, Michael Polkey, James Hull

Apnoea and postural equilibrium: at which lung volume?

Louis Clavel (Paris, France), Baptiste Sandoz, Olivier Jacq, Marie-Cécile Nierat, Philippe Rouch, Thomas Similowski, Valérie Attali

Effects of inspiratory muscle training and aerobic training on inspiratory muscle strength in chronic systolic heart failure patients: a pilot study

Patricia Fernandes Trevizan (Campinas, Brazil), Renata Pletsch, Mayra C. Pereira, Leticia Z. Cardenas , Jeferson G. Ferreira, Vinicius Iamonti, Pauliane V. Santana, Andre L.P. Albuquerque, Pedro Caruso, Carlos E. Negrão, Carlos R.R. Carvalho

12:50 - 14:40

Thematic Poster: Lung function testing

Chairs : Andre Albuquerque (SAO PAULO/SP, Brazil), Sam Bayat (Grenoble, France), Nickolas Koulouris (Athens, Greece), Chair to be confirmed

Associations between ventilation heterogeneity and physiological markers of airway calibre and gas trapping in healthy adults

Christopher Htun (St Leonards, NSW, Australia), Alun Pope, Samir Lahzami, Darren Luo, Robin Schoeffel, Craig Phillips, Paul Robinson, Gregory King

An Investigation into the ability of people with lung disease to provide breath specimens using a roadside screening device and an evidential breath testing device.

Aoife O'Reilly (Dublin 3, Ireland), Aoife O'Reilly, Cian O'Reilly, Emma O'Carroll, Sarah Dowling, Geraldine Nolan, David Reynolds, Denis Cusack, Charles Gallagher, Ed McKone

Impulse oscillometry parameters variability and response to bronchodilator in healthy adults

Larisa Kiryukhina (ST PETERSBURG, Russian Federation), Olga Volodich, Liudmila Archakova, Piotr Yablonskii

Impulse oscillometry (IO) parameters after pneumonectomy in patients with pulmonary tuberculosis (PT)

Larisa Kiryukhina (ST PETERSBURG, Russian Federation), Olga Volodich, Pavel Gavrilov, Leonid Mikhailov, Natalia Nefedova, Igor Vasilyev, Armen Avetisayn, Liudmila Archakova, Piotr Yablonskii

Detecting dynamic hyperinflation in COPD patients using a smart shirt: a pilot study

Ruud van Leuteren (Amsterdam, Netherlands), Timon Fabius, Frans de Jongh, Paul van der Valk, Marjolein Brusse-Keizer, Job van der Palen

Capillary PO2 does not adequately reflect arterial PO2 in hypoxemic COPD patients

Friederike Sophie Magnet (Köln, Germany), Daniel Majorski, Jens Callegari, Sarah Bettina Schwarz, Wolfram Windisch, Jan Hendrik Storre, Claudia Schmoor

Experimental and theoretical impact of hypertonic saline induction on exhaled nitric oxide

Cyril Karamaoun (Watermael-Boitsfort, Brussels, Belgium), Amaryllis Haccuria, Alain Michils, Benoît Haut, Alain Van Muylem

Reversal of bronchoconstriction by inotropic drugs: comparison of dopamine, dobutamine, milrinone, adrenaline and levosimendan

Ferenc Peták (Szeged, Hungary), Ferenc Peták, Gergely Fodor, Barna Babik, Sam Bayat, Walid Habre

Nitrogen multiple breath washout indices as potentially prognostic markers in idiopathic pulmonary fibrosis

Theresa Schreder (Schweinfurt, Germany), Sylvia Nyilas, Manuela Funke-Chambour, Philipp Latzin, Thomas Geiser

Forced oscillation measurements for the assessment of respiratory function in Emirati children

Afaf Alblooshi (Al-Ain, United Arab Emirates), Alia AlKalbani, Mohammed Al-Houqani, Hassib Narchi, Abdul-Kader Souid, Graham Hall

Exercise-induced bronchoconstriction: a survey of diagnostic practice in the United Kingdom

Sarah Drake (Manchester, United Kingdom), Andrew Simpson, Stephen Fowler

Thorax circumference, lung volumes, and ethnicity in 5000 subjects of the LifeGene study.

Mikaela Qvarfordt (Huddinge, Sweden), Martin Anderson, Magnus Svartengren

Role of respiratory physiology on real-time breath-gas analysis

Pritam Sukul (Rostock, Germany), Phillip Trefz, Jochen Schubert, Wolfram Miekisch

Treatment response of inhalation therapy assessed by single breath washout tests in patients with COPD

Insa Korten (Bern, Switzerland), Sylvia Nyilas, Michael Tamm, Anja Meyer, Philipp Latzin, Daiana Stolz, Florian Singer

Effects of air stacking maneuver on cough peak flow and chest wall compartmental volumes of amyotrophic lateral sclerosis subjects

Antonio Sarmento (NATAL/RN, Brazil), Vanessa Regiane Resqueti, Mario Emílio Teixeira Dourado-Júnior, Andrea Aliverti, Guilherme Augusto de Freitas Fregonezi, Armele Dornelas de Andrade

Inspiratory muscle maximum relaxation rate measured from maximal sniff nasal pressure in patients with Amyotrophic Lateral Sclerosis

Maria Lira (Parnamirim, Brazil), Antonio Sarmento, Andrea Aliverti, Layana Marques, Fernando A. Lavezzo Dias, Vanessa Resqueti, Guilherme A. Freitas Fregonezi

Thoracoabdominal asynchrony and paradoxical motion during cough and quiet breathing in middle stage amyotrophic lateral sclerosis

Antonio Sarmento (NATAL/RN, Brazil), Guilherme A de Freitas Fregonezi, Mario Emílio Teixeira Dourado-Junior, Andrea Aliverti, Armele Dornelas de Andrade, Veronica Franco Parreira, Vanessa Regiane Resqueti

Difference of the clinical characteristics and outcome between interstitial lung disease with dermatomyositis and idiopathic interstitial pneumonia

Dingyun Feng (Guangzhou, China), Xiaoling Zou, Hailing Yang, Wenjuan Li, Yuqi Zhou, Tiantuo Zhang

Static and dynamic hyperinflation during severe acute exacerbations of chronic obstructive pulmonary disease

Wouter H. van Geffen (Leeuwarden, Netherlands), Huib Kerstjens

Clinical characteristics of COPD patients with tidal expiratory flow limitation

James Dean (Middlewich, United Kingdom), Umme Kolsum, Paul Hitchen, Vandana Gupta, Dave Singh

12:50 - 14:40

Thematic Poster: Exercise testing in cardiorespiratory diseases

Chairs : Luis Puente Maestu (Madrid, Spain), Roberto A. Rabinovich (Edinburgh, United Kingdom), Matteo Bonini (London, United Kingdom)

Oxygen recovery kinetics after 6-min walk tests in COPD

Florent Baty (St. Gallen, Switzerland), Christian Ritz, Lukas Kern, Signe Marie Jensen, Martin Brutsche

A pragmatic approach to establish an acceptable work rate to assess the effect of interventions on exercise endurance in COPD

Luiza Helena Degani-Costa (SAO PAULO/SP, Brazil), Liliane Cunha Aranda, Danilo C. Berton, Katherine Webb, Denis E O'Donnell, J. Alberto Neder, Luiz Eduardo Nery

Exercise-related periodic ventilatory irregularities in dysfunctional breathing disorder

James Hull, Hannah Fletcher, Arif Khokhar, Peter Siu Pan Cho

Dyspnea – “It is all in their mind”

Susana Maria Gonçalves Clemente (Lisbon, Portugal), Susana Maria Gonçalves Clemente, Filipa Todo Bom, Maria Alvarenga, Sílvia Rodrigues, Liliana Gomes, Ana Frade, Inês Alves, Jorge Rosa, Sofia Furtado

Determinants and consequences of exercise ventilatory inefficiency in patients with COPD-heart failure overlap

J. Alberto Neder (Kingston, ON, Canada), Alcides Rocha, Flavio Arbex, Priscila Sperandio, Bruno Hochegger, Aline Soares, Danilo Berton, Frederico Mancuso, Maria Clara Alencar, Luiz Nery, Denis O'Donnell, Ligia Biazim

Patterns of Oxygen Pulse Response to Incremental Exercise in Patients with Chronic Obstructive Pulmonary Disease – An Observational Study
Ming-Lung Chuang (Tichung, Taiwan), I-Feng Lin

Static hyperinflation and decline in functional capacity in COPD patients

Linn T. Aalstad (Bergen, Norway), Jon A. Hardie, Einar Thorsen, Birgitte Espehaug, Per S. Bakke, Tomas M. L. Eagan, Bente Frisk

A simplified BODE score to predict mortality in patients with COPD: the role of 4-min step test

Elaine Vieira (Sao Caetano do Sul, Brazil), Luiza Costa, Beatriz Amorim, Lígia Oliveira, Talita Silva, Priscila Sperandio, Wladimir Medeiros, Flavio Arbex, José Neder, Roberta Ramos, Luis Nery

Determinants of the 6 minute walking distance and exercise desaturations in COPD: relationships with comorbidities

Thierry Perez (LILLE CEDEX, France), Gaétan Deslée, Pierre Régis Burgel, Maeva Zysman, Denis Caillaud, Roger Escamilla, Pascal Chanez, Gilles Jebrak, Isabelle Court-Fortune, Graziella Brinchault, Pascale Nesme-Meyer, Jean Louis Paillasseur, Nicolas Roche

Exercise desaturation in patients with COPD – potent marker for more severe disease progression and prognosis

Roman Kalinov (Krumovo, Bulgaria), Blagoi Marinov, Dimitrina Stoyanova, Vladimir Hodgev, Stefan Kostianev

Effects of ageing on ventilatory response during incremental exercise in healthy elderly men

João Salge (SAO PAULO/SP, Brazil), Juliana Nascimento, André Albuquerque, João Salge, Edilene Moraes, Mario Terra-Filho

Is early oxygen uptake recovery altered in children born very preterm?

Christopher O'Dea (Perth, WA, Australia), Christopher O'Dea, Karla Logie, Graham Hall, Andrew Wilson, Jane Pillow, Georgia Banton, Shannon Simpson, Andrew Maiorana

Evaluation of quality of life and respiratory function in patients with pectus excavatum.

Louis Daussy (Toulouse, France), Elise Noel-Savina, Jean-Pierre Chavoïn, Daniel Riviere, Alain Didier

Change in pulmonary function and cardiorespiratory fitness following chemotherapy in testicular cancer patients – a pilot study

Elisabeth Edvardsen (OSLO, Norway), Karl-Otto Larsen, Sophie D. Fosså, Tone Ikdahl, Jon Håvard Loge, Lene Thorsen

Influence of cardio-pulmonary exercise testing (CPET) on surgical decision in our center

Ana Maria Andres Porrás (VALLADOLID, Spain), Ana Isabel García Onieva, Enrique Macías Fernández, Ignacio Lobato Astiarraga, David Vielba Dueñas, Santiago Juarros Martínez, Blanca De Vega Sánchez, Stefania Soldarini, Claudia Iglesias Pérez, Carlos Disdier Vicente

Effect of pursed lip breathing on dyspnea and walking distance in interstitial lung disease: a randomized crossover study

Bruno-Pierre Dube (Montréal, QC, Canada), Stéfanie Parisien-La Salle, Ellie Rivest-Abel, Vincent Gosselin Boucher, Mélina Lalande-Gauthier, Claude Poirier, Hélène Manganas, Julie Morisset, Alain Steve Comtois

Acute effect of exercise on ventilation inhomogeneity in adult cystic fibrosis patients

Georgios Kaltsakas (Athens, Greece), Nikolaos Anastasopoulos, Nikolaos Chynkiamis, Konstantinos Kotsifas, Ilias Iglezos, Ioannis Vogiatzis, Nickolaos G. Koulouris

Reference values of the cardiopulmonary test of exercise at 2,240 meters of altitude

Silvia Cid Juárez (Vera Cruz, Mexico), Silvia Cid Juárez, Pablo Leon Gomez, Rogelio Perez Padilla, Luis Torre Bouscolet, Laura Gochicoa Rangel

Who should have a hypoxic challenge test?

Laura Horgan (Leeds, United Kingdom), Mark Townson, Tim Sutherland

12:50 - 14:40

Thematic Poster: Respiratory and exercise physiology

Chairs : Vasileios Andrianopoulos (Schönau a. Königssee, Germany), Jason Weatherald (Calgary, AB, Canada), Eva Bernardi (Vazzola, Italy), Chair to be confirmed

Cardiopulmonary exercise testing parameters and level of daily physical activity correlation in stable COPD patients

Norrachai Chanthitvech (BANGKOK, Thailand), Worawan Sirichana

Detection of acute lung injury from capnogram parameters

József Tolnai (Szeged, Hungary), József Tolnai, Gergely H. Fodor, Ferenc Peták, Barna Babik, Walid Habre, Sam Bayat

Comparison of physiologically and mathematically variable ventilations in a model of acute lung injury

Gergely H. Fodor (Geneva, Switzerland), Walid Habre, Na Lin, Gergely Albu, Ferenc Petak, Sam Bayat

Effects of intravenous injection of TNF- α on the respiratory system of anesthetized rats

Tatiana Tumanova (ST PETERSBURG, Russian Federation), Viacheslav Aleksandrov

Down-regulation of immunometabolism in severe COPD

Bruna Silva (PRESIDENTE PRUDENTE/SP, Brazil), Fábio Lira, Rebeca Silva, Juliana Uzeloto, Ana Paula Freire, Fabiano Lima, Fabricio Rossi, Rafaela Camargo, Dionei Ramos, Luis Gobbo, Ercy Ramos

Long-term ventilation of normal lungs with physiologically variable breathing pattern

Walid Habre (Genève, Switzerland), Magali Walesa, Sam Bayat, Gergely Albu, Aurélie Baudat, Ferenc Petak

Bi-level positive pressure ventilation increases exertional inspiratory capacity and improves breathlessness in heart failure patients with co-morbid COPD

Priscila Sperandio (Sao Paulo, Brazil), Aline Souza, Maria Clara Noman, Flavio Arbex, Gabriela Siqueira, Wladimir Medeiros, Adriana Mazzuco, Mayron Oliveira, Denis O'Donnell, Luiz Eduardo Nery, Jose Neder

A case of congenitally corrected transposition of great arteries:benefits of Ivabradine on exercise

Elisa Pagliaroli (monte san giovanni campano, Italy), Pasquale Franciosa, Mattia Internullo, Francesco Vaccaro, Giuseppe Giunta, Giovanna Bosco, Francesco Fedele, Paolo Palange

Lung hyperinflation is related to poor sleep quality in patients with COPD

Renata Marques (PORTO ALEGRE/RS, Brazil), Danilo Berton, Nicolle Domnik, Helen Driver, Amany Elbehairy, Simone Fagondes, Michael Fitzpatrick, Denis O'Donnell, J Alberto Neder

Effectiveness of approaches to choking due to foreign body airway obstruction - a physiological study

Matthew Pavitt (Billingshurst, United Kingdom), Laura L Swanton, Matthew Hind, Michael Apps, Michael I Polkey, Malcolm Green, Nicholas S Hopkinson

Factors associated with current smoking in COPD patients

Dilek Karadoğan (ARTVİN, Turkey), Özgür Önal, Deniz Saygı, Sonnur Yazıcı, Yalçın Kanbay

Physical activity in patients with sarcoidosis

Thomas Bahmer (Großhansdorf, Germany), Henrik Watz, Maria Develaska, Benjamin Waschki, Klaus F. Rabe, Helgo Magnussen, Detlef Kirsten, Anne-Marie Kirsten

Daily physical activity and lung function decline in adult-onset asthma

Juho Loponen (Tampere, Finland), Hannu Kankaanranta, Minna Tommola, Pinja Ilmarinen, Onni Niemelä, Leena Tuomisto, Pentti Nieminen, Lauri Lehtimäki

Impact of initial endurance time value on the prognostic value of the constant workrate test following pulmonary rehabilitation

Bruno-Pierre Dube (Montréal, QC, Canada), Riham Elmahboubi, Claude Poirier, Mélina Lalande-Gauthier, Benoit Sauvageau

The lung function response to exercise challenge testing and eucapnic voluntary hyperpnoea

Stephen How (Gloucester, United Kingdom), Joseph Ffoulkes, Simon Fryer

Lower body positive pressure effects on cardiorespiratory response to submaximal running exercise.

Barbara Uva (Lausanne, Italy), Frederic Stucky, Bengt Kayser

Comparison between cardiopulmonary exercise testing parameters measured in a healthy elderly sample and values from predicted equation for general adults

João Salge (SAO PAULO/SP, Brazil), João Salge, Juliana Nascimento, Mario Terra-Filho, Andre Albuquerque, Edilene Moraes

Resistive or dynamic exercise stress testing of the pulmonary circulation

Yoshiki Motoji (BRUXELLES, Belgium), Kevin Forton, Beatrice Pezzuto, Vitalie Faoro, Robert Naeije

Larger exercise-induced lung comets increase in adults born preterm in hypobaric vs. normobaric hypoxia

Mathias Poussel (VANDOEUVRE-LES-NANCY, France), Tadej Debevec, Claudio Sartori, Sarah Willis, Grégoire Millet

Does 'live high-train low' hypoxic training really improves endurance capacity of long distance runners?

Snehunsu Adhikari (PATIALA (PUNJAB), India), Radhica Sreeman, Sanjay Saraswat, Tambi Medabala, Wazir Singh

12:50 - 14:40

Thematic Poster: Efficacy and compliance with obstructive sleep apnoea treatment

Chairs : Ludger Grote (Gothenburg, Sweden), Oana Claudia Deleanu (BUCURESTI, Romania), Chair to be confirmed

Change in weight and central obesity by positive airway pressure treatment in obstructive sleep apnea patients: Longitudinal data from the European Sleep Apnea Database (ESADA)

Ding Zou (Göteborg, Sweden), Ozen K. Basoglu, Mehmet Sezai Tasbakan, Jan Hedner, Silke Ryan, Johan Verbraecken, Pierre Escourrou, Ulla Antalainen, John Arthur Kvamme, Marisa R Bonsignore, Sofia Schiza, Ludger Grote on behalf of the ESADA network

Effects of CPAP on clinic blood pressure in patients with obstructive sleep apnea: 10 years follow –up

Akemi Matsuo (Nagano, Japan), Kei Sonehara

Follow up of OSA patients after 10 years of diagnosis

Javier Berraondo Fraile (PALMA DE MALLORCA, Spain), Andrés López Pardo, Aida Sánchez Dalmar, Andrés Maimó Bordoy, Zaid Al-Nakeeb, Salvador Pons Vives, Rubén Garrido Llamas

Effects of CPAP treatment on anxiety and depression in patients with OSAS

Natalia Fouz Rosón (SEVILLA, Spain), Carolina Panadero Paz, Virginia Almadana-Pacheco, Cristina Benito-Bernaldez, Pedro Juan Rodríguez-Martín, Laura Martín-Bejarano, Jose María Benítez-Moya, Agustín Valido-Morales, Jesús Sánchez-Gómez

Effect of Continuous Positive Airway Pressure (CPAP) on High-Sensitivity C-Reactive Protein levels (hs-CRP) in Patients with Obstructive Sleep Apnea (OSA)

Kanlaya Panjapornpon (Pathumthani, Thailand), Piamlarp Sangsayunh, Kittima Bangpattanasiri, Satreerat Jun-Kroot, Watcharaporn Pumpothong, Sunsanee Pungtaway, Arranee Tupwang

Effect of CPAP therapy on neutrophil to lymphocyte ratio and platelet to lymphocyte ratio in patients with obstructive sleep apnea.

Sinem Nedime Sökücü (STANBUL, Turkey), Sinem Nedime Sökücü, Cengiz Özdemir, Senay Aydın, Seda Tural Öntür, Kaan Kara

CPAP in the elderly with non-severe obstructive sleep apnea: effect on cardiovascular events and somnolence.

Laura Rarmirez Garcia (MADRID, Spain), Daniel López Padilla, A. Cerezo Lajas, Soledad López Martin, Milagros Llanos Flores, Elena Rodríguez Jimeno, Elena Ojeda Castillejo, Pilar de Lucas Ramos

Automatic positive airway pressure for obstructive sleep apnoea in heart failure with reduced ejection fraction: first results of the randomized controlled APAP trial

Olaf Oldenburg (Bad Oeynhausen, Germany), Birgit Wellmann, Henrik Fox, Dieter Horstkotte, Thomas Bitter

Adaptive servoventilation in patients with heart failure and sleep-related breathing disorder: predictors of usage behaviour

Leonie Kolb (Regensburg, Germany), Maximilian Malfertheiner, Katharina Heider, Michael Arzt

Telemedicine in Obstructive Sleep Apnea (OSA) patients with limited internet knowledge to control their CPAP: CLIC-CPAP. Justification, design and methodology

Onintza Garmendia (Lasarte Oria, Spain), JM Montserrat, Cristina Embid, Vera M Lugo, Marta Torres, Jair Villanueva, Concepcion Ruiz, Ramon Farre, Monique C Suarez

Patient satisfaction with a Telephone based intervention service post CPAP setup at a District General Hospital.

Sajeev Ranmuthu (Maidstone, United Kingdom), Sandip Banerjee

Telemonitoring versus usual care in continuous positive airway pressure users: cost analysis

Heikki Ekroos (Kerava, Finland), Tanja Karvonen, Jarmo Hahl

CPAP compliance with telemedicine at Medway Maritime Hospital: A retrospective, randomised pilot study.

Sajeev Ranmuthu (Maidstone, United Kingdom), Sandip Banerjee

Therapy termination and apnoea-hypopnoea index (AHI)/central apnoea index (CAI) trajectories during continuous positive airway pressure (CPAP) therapy

Holger Woehrle (Blaubeuren, Germany), Jeff Armitstead, Dongquan Liu, Adam Benjafield, Jean-Louis Pepin, Shiyun Shao, Peter Cistulli, Atul Malhotra

Determinants of CPAP compliance in bariatric patients with obstructive sleep apnoea

Peter Siu Pan Cho (London, United Kingdom), Joseph Patrick Hetherington, Rachel Kirby, Kai Kong Lee

Adherence to continuous positive airway pressure in women with obstructive sleep apnoea

Nuria Reyes Nuñez (Sevilla, Spain), Nuria Reyes Nuñez, Monica González-Martinez, Angeles Sánchez-Armengol, Bernabe Jurado-Gamez, Jose Cordero-Guevara BsC (Stat), María F. Troncoso, Araceli Abad-Fernandez, Joaquin Teran-Santos, Julian Caballero-Rodriguez, Mercedes Martin-Romero, Ana Encabo-Motino, Miguel A. Martinez-Garcia, Lirios Sacristan-Bou, Javier Navarro-Esteva, María Somoza-Gonzalez, Juan F. Masa, Maria A. Sanchez-Quiroga, Beatriz Jara-Chinarro, Belen Orosa-Bertol, Francisco Campos-Rodriguez

Automatic bilevel ventilation (AutoBI) in obstructive sleep-disordered breathing (SDB): clinical features and compliance to treatment

Pierpaolo Baiamonte (Palermo, PA, Italy), Claudia I Gruttad'Auria, Emilia Mazzuca, Claudia Marino, Davide Lo Nardo, Alessandra Castrogiovanni, Maria R Bonsignore

Association between change in positive airway pressure (PAP) mask type and therapy compliance

Holger Woehrle (Blaubeuren, Germany), Michael Arzt, Andrea Graml, Ingo Fietze, Peter Young, Joachim Ficker, Helmut Teschler

Kinesthetic stimulation for obstructive sleep apnea syndrome: an "on-off" proof of concept trial

(), Diego Oswaldo Perez Trenard, Delphine Feuerstein, Corinne Loidice, Laurence Graindorge, Gustavo Guerrero, Nadège Limousin, Frédéric Gagnadoux, Yves Dauvilliers, Renaud Tamisier, Arnaud Prigent, Philippe Mabo, Amel Amblard, Lotfi Senhadji, Jean-Louis Pépin

Effect of Tai Chi and Qigong exercises in the patients with obstructive sleep apnea syndrome

Gülhan Yılmaz Gökmen (Istanbul, Turkey), Muhammet Emin Akkoyunlu, Lutfiye Kilic, Esra Pehlivan, Candan Algun

12:50 - 14:40

Thematic Poster: Diagnostical approaches to obstructive sleep apnoea**Chairs :** Wilfried De Backer (Edegem, Belgium), Stefan A. Mihaicuta (TIMIS/TIMISOARA, Romania), Thomas Penzel (Berlin, Germany), Sebastian Ott (Bern, Switzerland)**Development of a model, named No-Apnoea, for screening of obstructive sleep apnoea in adults.**

Ricardo Luiz De Menezes Duarte (RIO DE JANEIRO/RJ, Brazil), Marcelo Fouad Rabahi, Tiago Soares de Oliveira Sá, Fernanda Carvalho de Queiroz Mello, Flavio José Magalhães-da-Silveira

Comparison of STOP-BANG questionnaire (SBQ) & Epworth Sleepiness scale (ESS) to assess pre-test probability of Obstructive Sleep Apnoea (OSA).

Neel Thakkar (Vadodara, India), Pratibha Singhal, Kapil Salgia, Swapnil Kulkarni, Vivek Toshniwal, Indu MadathiparambilChandran

Association between sodium bicarbonate and STOP-BANG questionnaire in OSA screening

Marco Pereira, Teresa Pequito, Ana Lutas, João Valença, Richard Staats, Mónica Grafino, Sofia Furtado

Role of the educational level on the self-assessment of somnolence by using the Epworth Sleepiness Scale Questionnaire in patients with obstructive Sleep Apnea (OSA)

Pierluigi Carratù (Bari, BA, Italy), Lorenzo Marra, Pierluigi Carratù, Vitaliano Quaranta, Silvano Dragonieri, Maria Rosaria Vulpi, Onofrio Resta, Giorgio Castellana

Primary care diagnosis of sleep apnoea syndrome in the Girona Healthcare area

Eric Rojas Calvera (GIRONA, Spain), Susana Mota Casals, Immaculada Castellà i Dagà, Anton Obrador Legares, Mercè Salvans Sagué, Emilio Marco Segarra, Xavier Espuña Capote, Maria Buxó Pujolràs, Rafel Ramos Blanes, Ramon Orriols Martínez, Daniela Soledad Torres Scianca

Multidisciplinary evaluation can find effective alternative treatment to CPAP in OSA patients

Marco Mantero (Cinisello Balsamo (MI), Italy), Daniela Carioli, Michele Romano, Noemi Borsa, Mirko Marra, Eleonora Tobaldini

Obstructive Sleep Apnea Syndrome network care: diagnostic and therapeutic agreement between Sleep Lab Unit and Primary CarePatricia Peñacoba (Hospitalet de Llobregat, Spain), Patricia Peñacoba Toribio, M^a Antònia Llauger Roselló, Rosa M^a Miralda Galán, Leandra Domínguez Olivera, Ana M^a Fortuna Gutiérrez, Anna M^a Pedro Pijoan, Pepi Valverde Trillo, José Ignacio Aoz Linares, Joan Bayó Libre, Núria Argemí Saburit, Casimira Medrano Medrano, Marineus Puig García, Joan Juvanteny Gorgals, Montserrat Reverté Simó, Xavier Flor Escriche, M^a Ángeles Santos Santos, M^a del Mar Fraga Martínez, Carme Santiveri Gilabert, Gabriel Sampol Rubio, Patricia Lloberes Canadell, Núria Grau Sanmartí, Vicente Plaza Moral, Mercè Mayos Pérez

Diagnostic utility of a nasal/oral cannula with linearized pressure flow in comparison to AASM recommended combination of thermal and nasal pressure sensor

(), Gert K uchler, Ingo Fietze, Markku Partinen, Poul Joergen Jennum, Holger Hein, Ralf Warmuth

Validation of assisted automated scoring versus manual scoring of polysomnography (PSG) studies

Matt Thomas (Gothenburg, Sweden), Heather Engleman, Ann Cooper, Lauren Creswick, Neena Derashri, Tom Kelly, Jonathan Leahy

Single-channel-estimation of sleep quality and heart rate using a novel contactless device

Sarah Terjung (Essen, Germany), Jan Geldmacher, Sebastian Brato, Helmut Teschler, J rgen G tze, Gerhard Weinreich

Bench assessment of a new portable automatic positive airway pressure device for sleep apnea.

Jair Villanueva (Barcelona, Spain), Valentina Isetta, Daniel Navajas , Ram n Farr , Josep Montserrat

Comparison of Manual and Automatic Scoring of limited channel sleep studies:Noxturnal Software correlates well with manual scoring in severe OSA.

Nuno Cachada (Birmingham, United Kingdom), Maximillian Thomas, Simon Wharton

Pulse wave analysis but not polysomnography recognizes sleep apnoea patients with increased cardiovascular risk

Ding Zou (G teborg, Sweden), Jan Hedner, Ludger Grote, Martin Glos, Thomas Penzel, Ingo Fietze, Joachim Ficker, Winfried Randerath, Bernd Sanner, Dirk Sommermeyer

Nocturnal Pulse Wave Analysis in Stable Cardiovascular Patients

Marcel Tremel (Solingen, Germany), Alessandra Castrogiovanni, Simon Herkenrath, Thorsten Fritz, Marcel Halbach, Daniel Steven, Stephan Baldus, Ilona Kietzmann, Winfried Randerath

A comparison of peripheral arterial tone technology with limited polygraphy to diagnose obstructive sleep apnoea in UK

Yousef S Aldabayan (London, United Kingdom), Stephanie K Mansell, Joanna Van Der Leer, Swapna Mandal, John R Hurst, Ahmed M Al Rajeh

Impact of arterial stiffness on variables of Watch-PAT in patients with obstructive sleep apnea.

Taku Kinoshita (Chiba-shi, Japan), Misuzu Yahaba, Jiro Terada, Takuma Matsumura, Yoriko Sakurai, Seiichiro Sakao, Koichiro Tatsumi

Reliability of overnight desaturation index (ODI) in suspected obstructive sleep apnea

Arun R. Nair (Kochi (Kerala), India), Subin Ahmed, Akhilesh Kunoor, Binil Salam, James P Ponneduthamkuzhi, A M Ajith

Contribution of spirometric sawtooth sign in diagnosis of Obstructive Sleep Apnea (OSA)

Yacine Ouahchi (TUNIS, Tunisia), Ghada Bahri, Meriem Mjid, Abir Hedhli, Sana Cheikhrouhou, Jouda Cherif, Sonia Toujani, Majed Beji, Abdelmajid Ben Hamida

The predictive value of upper airway assessment during routine flexible bronchoscopy for the diagnosis of OSAS

Fikret Kanat (Konya, Turkey), Dilek Erta , Feyza T lek, a da Els rer, Mete Kaan Bozkurt, Bahar  , Mecit Suerdem, Baykal Tulek

12:50 - 14:40

Thematic Poster: Pathophysiological aspects of comorbid conditions in obstructive sleep apnoea**Chairs :** Simon Dominik Herkenrath (Solingen, Germany), Sophia E. Schiza (Heraklion, Crete, Greece), Dries Testelmans (Leuven, Belgium)**The study of small airways' function in Obstructive Sleep Apnea-Hypopnea Syndrome (OSAHS).**

Aikaterini Giannadaki (Heraklion, Crete, Greece), George Vavougiou, Vlassios Ladopoulos, Ioannis Koutsaidis, Sophia Schiza, Nikolaos Siafakas

Time dependent loss of the ventilatory response to hypoxia in severe COPD

Michael S. Ji, Jenny Jagers, Giovanni Tagliabue, Eric Wilde, Paul Easton

Cardiohemodynamics parameters in patients with COPD and obstructive sleep apnea, (OSA).

Olena Izmailova (Kharkiv, Ukraine), Olena Krakhmalova

Evaluation of Skeletal Muscle Dysfunction in COPD OSA Overlap Syndrome

abhishek maurya (varanasi, India), ankit patel, Atul Tiwari

Evaluation of the effect of inspirational muscle training in patients with apnea and hypopnea sleep obstructive syndrome

Leonardo Souza (RIO DE JANEIRO/RJ, Brazil), Leandro Azeredo, Bruno Guimaraes, Jocemir Lugon

Cardiovascular comorbidity in obesity hypoventilation syndrome: has nocturnal hypoventilation a protective effect?

Giorgio Castellana (Bari, Italy), Silvano Dragonieri, Lorenzo Marra, Vitaliano Nicola Quaranta, Pierluigi Carratù, Teresa Ranieri, Onofrio Resta

Sleep respiratory disturbances during the ascent to Mount Aconcagua

Alvaro Emilio Ortiz Naretto (Avellaneda, Buenos Aires, Argentina), Miriam Patricia Pereiro, Glenda Ernst, Eduardo Borsini

The influence of obstructive sleep apnea-induced intermittent Hypoxia on Non Alcoholic Fatty liver.

Sema Saraç (ISTANBUL, Turkey), Sema Saraç, meral menguc, Banu salepci, gulgun af ar, cüneyt saltürk, murat kavas

Variability of supine sleeping time in sleep registrations

Timon M. Fabius (Enschede, Netherlands), Paul Hendriks, Jeffrey R. Benistant, Michiel Wagenaar, Frans H.C. de Jongh, Marjolein G.J. Brusse-Keizer, Michiel M.M. Eijsvogel

Thiol Disulfide Homeostasis in Obstructive sleep apnoea syndrome (OSAS)- Preliminary report

Emine Arguder (Ankara, Turkey), Hatice Kılıç, Ebru Parlak, Habibe Hezer, H.Canan Hasanoğlu, Gökhan Yalçın, Salim Neşelioğlu, M.Ali Babademez, Özcan Erel

Evaluation of inflammatory markers in a large sample of Obstructive Sleep Apnea Patients.

Izolde Bouloukaki (Heraklion, Crete, Greece), Charalampos Mermigkis, Stylianos Michelakis, Eleni Mauroudi, Violeta Moniaki, Sophia Schiza, Nikolaos Tzanakis

12:50 - 14:40

Thematic Poster: Obstructive and central sleep apnoea - consequences and comorbidities**Chairs :** Wolfgang Galetke (Dorsten, Germany), Chair to be confirmed**Association between obstructive sleep apnoea (OSA) severity and metabolic disturbances**

Robert Piwaczewski (Warszawa, Poland), Przemyslaw Bielen, Anna Czyzak-Gradowska, Pawel Sliwinski

Monocyte count/HDL cholesterol ratio and cardiovascular disease in patients with obstructive sleep apnea syndrome; a multicenter study

Handan Önü Köseoğlu (TOKAT, Turkey), Ahmet Cemal Pazarli, Asiye Kanbay, Osman Demir

Sleep-disordered breathing is related to Metabolic Syndrome in Outpatients with Diabetes Mellitus Type 2

Kaya Neumann (Regensburg, Germany), Stefan Stadler, Iris Heid, Carsten Böger, Michael Arzt

New opportunities for screening of subclinical atherosclerosis in patients with obstructive sleep apnea (OSA) – a pilot study

Diana Petkova (VARNA, Bulgaria), Atanas Angelov, Velin Stratev, Tanya Dobрева, Valentina Dimitrova

Do glaucoma, nonarteritic ischemic anterior optic neuropathy and sleep apnea march hand in hand?

Misko J Ledina (Sokobanja, Republic of Serbia), Teodora M Ledina, Vlade B. Milanović, Ljiljana A. Ledina, Mirko Leki

Does sleep apnoea cause acute myocardial injury detectable by biomarkers?

Natascha Tröster (GRAZ, Austria), Michael Palfner, Christoph Wohlkoenig, Martin Trinker, Alexander Avian

Myocardial alterations in asymptomatic patients with obstructive sleep apnea syndrome

Paola Gudiel Arriaza (LEON, Spain), Amparo Sánchez Serrano, J. Luis Fernández Sánchez, Laura Sierra

Prevalence and contributing factors for daytime and nocturnal hypoxia in chronic heart failure patients

Renaud Tamisier (GRENOBLE, France), Victor Bocquillon, Marie Destors, Muriel Salvat, Elisabeth Borel, Jean Louis Pépin

Effect of vadaptive servo ventilation on mortality in patients with systolic heart failure and central sleep apnea

Shahrokh Javaheri (Cincinnati, United States of America), David Jarjoura, Kyle Porter, Winfried Randerath, Rami Khayat

Whom are we treating with adaptive servo-ventilation? - a clinical post-hoc analysis

Michael Arzt (REGENSBURG, Germany), Christoph Lerzer, Leoni Kolb, Katharina Haider, Florian Zeman, Florian Gfüllner, Lars S Maier, Michael Pfeifer, Maximilian Malferttheiner

Cheyne-stokes-respiration is an independent modulator of systolic blood pressure in patients with diabetes mellitus type 2

Andreas Schreib (Regensburg, Germany), Stefan Stadler, Iris Heid, Carsten Böger, Michael Arzt

Is acute pulmonary embolism more severe in the presence of obstructive sleep apnoea? Results from a cohort study.

Thomas Berghaus (Augsburg, Germany), Dinah Konnerth, Tanja Wagner, Christian Faul, Martin Schwaiblmair

The prevalence of unrecognized obstructive sleep apnea syndrome among patients with nocturnal symptoms and poorly controlled asthma

Lai Ping Lo (Hong Kong, Hong Kong), Susanna Ng, Jenny Ngai, Tat On Chan, Ken KP Chan, Wing Ho Yip, Karen Yiu, Fanny WS Ko, David SC Hui

Frequency and characterization of sleep related disorders in interstitial lung disease patients: a prospective study

Carmine Nicoletta (pontecagnano faiano, Italy), Angelo Canora, Giacomo Ghinassi, Gaetano Rea, Annalisa Capaccio, Sabrina Castaldo, Marialuisa Bocchino

The impact of severe obstructive sleep apnea and obesity on nonalcoholic fatty liver disease.

Piotr Bielicki (Warszawa, Poland), Styczynski Grzegorz, Sobieraj Piotr, Szmigielski Cezary, Barnas Malgorzata

Parathyroid Hormone and Vitamin D Levels in Obstructive Sleep Apnea

Ventsislava Pencheva (SOFIA, Bulgaria), Daniela Krasimirova, Radoslav Bilyukov, Daniela Petrova, Tzanko Mondeshki, Ognian Georgiev, Martin Nikolov, Adelina Tsakova

Obstructive sleep apnoea and quality of life in Fabry disease: A parallel cohort study

Thomas Gaisl (Zürich, Switzerland), Nicolas Gerard, Noriane Sievi, Christian Clarenbach, Pierre Krayenbühl, Malcolm Kohler, Daniel Franzen

Obstructive sleep apnoea and pulmonary involvement in patients with scleroderma

Tugce Yakut Aydin (STANBUL, Turkey), Sait Karakurt, Haner Direskeneli, Yasemin Yalcinkaya, Yuksel Peker

Risk for sleep apnea and excessive daytime sleepiness in patients with Myasthenia gravis.

Ezequiel Oliveira (Sao Paulo, Brazil), Walquiria Santos, Berenice Oliveira, Newton Junior, Ana Brunetti, Eduardo Perez, Anderson Silva, Sergio Nacif, Jessica Urbano, Luciana Sampaio, Acary Oliveira, Luis Vicente Oliveira, Roberto Stirbulov

Evaluation of sleep quality and daytime sleepiness in ankylosing spondylitis

Ozlem Sengoren Dikis (Van Ercis, Turkey), Iknur Karlibel, Seyhan Us Dülger, Lale Altan Inceoglu, Tekin Yildiz, Meliha Kasapoglu Aksoy

12:50 - 14:40

Thematic Poster: Differences in phenotypes and symptoms of obstructive sleep apnoea

Chairs : Rainer Popovic (Zwettl, Austria), Michiel Eijsvogel (Enschede, Netherlands), Richard Staats (Murches, Portugal)

Obstructive Sleep Apnoea (OSA): Men vs Women

Raana Haqee (Stoke-on-Trent, United Kingdom), Toni Jordan, Martin Allen

Differences in obstructive sleep apnea syndrome (OSA) according to gender in patients with suspected OSA

Cristina Ramos Hernandez (VIGO, Spain), Maria del Mar Mosteiro Añon, Laura Souto Sayar, Isabel Portela Ferreno, Helena Santamaria, Carmen Gil campo, Maria Torres Duran, Maria Jose Muñoz Martinez, Alberto Fernández Villar

Associations between sleep and obesity indices in Greek elderly individuals

Eirini Mamalaki (Athens, Greece), Mary H. Kosmidis, Efthimios Dardiotis, Giorgos M. Hadjigeorgiou, Angeliki Tsapanou, Paraskevi Sakka, Nikolaos Scarmeas, Mary Yannakoulia

When obesity is not enough

Vânia Sacramento (Barreiro, Portugal), Vânia Sacramento, Margarida Aguiar, Silvia Rodrigues, Sofia Furtado

Familial aggregation of obstructive sleep apnea syndrome based on a pediatric index case

Nicole Beydon (Paris, France), Jessica Taytard, Laurence Jordan, Pascal Garrec, Camille Aupiais

Sleep disordered breathing and cephalometric predictors in an Australian rugby league team

Andrew Scott (Brisbane, QLD, Australia), Johnpaul Caia, Riley Forbes, Vincent Kelly

Severe obstructive sleep apnea is not necessarily associated with subjective or objective hypersomnolence

Ana Filipa Dos Santos Matos (Viseu, Portugal), Richard Staats, Susana Moreira, João Valença, Paula Pinto, Cristina Bárbara

What is the impact of obstructive sleep apnea hypopnea syndrome and daytime sleepiness on work performance?

Nesrine Kammoun (sfax, Tunisia), Sameh Msaad, Mounira Hajjaji, Nouha Ayedi, Selma Rekik, Samy Kammoun, Mohamed Laarbi Masmoudi, Kaouther Jmal Hammami

OSA and Insomnia symptoms are the main risk factors for sleepiness at wheel (SW) and for sleepiness related to car accidents (SRCA) in workers.

Francesco Fanfulla (PAVIA, Italy), Elisa Morrone, Nadia D'Artavilla Lupo, Rossella Trentin, Aleksandar Prpa, Caterina Pronzato

Inspiratory flow limitation correlates with sleepiness and oximetric desaturation

Neil Skjodt (Lethbridge, AB, Canada), Ronald S. Platt

12:50 - 14:40

Thematic Poster: Pulmonary embolism**Chairs :** Joanna Pepke-Zaba (CAMBRIDGE, United Kingdom), Chair to be confirmed**Impact of patients' setting on the prevalence of pulmonary embolism in acute exacerbation of COPD : a meta-analysis of observational studies.**

Laurent Bertoletti (St Priest En Jarez, France), Rémi De-Taxis-du-Poët, Olivier Sanchez, Deisy Diana Barrios Barreto, David Jimenez, Céline Chapelle, Sophie Périnel, Silvy Laporte, Francis Couturand

Cancer after pulmonary embolism

Jacinto Hernandez Borge (Badajoz, Spain), Pilar Cordero Montero, María Teresa Gómez Vizcaino, María José Antona Rodriguez, María del Carmen García García, Miguel Benitez-Cano Gamonoso, Amparo Sanz Cabrera, Francisca Lourdes Marquez Pérez, Ignacio Rodriguez Blanco, Pilar Iñigo Naranjo, Jose Antonio Gutierrez Lara

Can syncope be used for the risk assessment of pulmonary embolism?

Sava Özsu (Trabzon, Turkey), Sava Özsu, Muge Erbay, FUNDA OZTUNA, YILMAZ BULBUL, TEVF K OZLU

Septic pulmonary embolism in intravenous drug users.

Elena Klester (Barnaul, Altay Krai, Russian Federation), Karolina Klester, Babushkin Igor

Effect of vascular endothelial related factors in patients with venous thromboembolism

Jin Zhang (Yinchuan, Ningxia, China), cen-feng Xia

The persistence gammagraphic perfusion defects after an acute pulmonary embolism (PE) is not associated with altered echocardiographic parameters of vascular resistance

Ester Marijuan Gomez (Getxo (Vizcaya), Spain), Jose Luis Lobo, Agustina Rivas, Angel Alonso, A Montero, R Otero

Is elevated mean platelet volume predictive of pulmonary embolism recurrence?

Elif Yilmazel Uçar (ERZURUM, Turkey), Omer Araz, Fadime Sultan Albez, Elif Yilmazel Uçar, Bugra Kerget, Nafiye Yilmaz, Metin Akgun

Clinical gestalt and the prognosis of pulmonary embolism

David Jiménez Castro (Madrid, Spain), David Jiménez Castro, Deisy Barrios, Raquel Morillo, Rosa Nieto, Ina Guerassimova, Vicente Gomez

Diagnostic value of perfusion lung scintigraphy in SPECT/CT and computed tomography pulmonary angiography for detection of pulmonary embolism

Sevda Naydenska (Sofia, Bulgaria), Dora Zlatareva, Bilyana Stancheva, Elina Smilkova, Radoslav Bilyukov, Ventsislava Pencheva, Daniela Miletieva, Tzanko Mondeshki, Daniela Petrova, Ognian Georgiev

Acute Pulmonary Embolism in COPD patients, clinical features and outcomes

Margarida Baptista Duarte Barata (LISBOA, Portugal), Teresa Martín, Helena Grumete, Fernando Menezes, Jorge Roldão Vieira

Clinical significance of deep venous thrombosis in symptomatic pulmonary embolism

Nataliya Stoeva (SOFIA, Bulgaria), Milena Staneva, Galina Kirova, Diana Lekova, Anton Penev

Characteristics of pulmonary embolism in elderly patients.

Daniela Gonzalez Marcano (ALICANTE, Spain), Rafael León, M.Pilar García, Ignacio Gayá, Irene Rodriguez, Luis Hernandez, Concepción Martín

Values of clinical probability scores in diagnosing pulmonary embolism I.Moussa,H.Zaibi,J.Ben Amar,M.Jaffel,R.Fessi,S.Azzabi,M.Baccar,B.Dhahri,H.Aouina

Moussa Ines (bizerte, Tunisia), Zaibi haifa, Ben amar Jihen, Jaffel Mohamed ghofrane, Fessi Rana, Azzabi salwa, Baccar mohamed, Dhahri Besma, Aouina Hichem

Acute pulmonary embolism: a specific scent?

Timon M. Fabius (Enschede, Netherlands), Ruud W. van Leuteren, Jan Willem Gerritsen, Job van der Palen, Frans H.C. de Jongh, Michiel M.M. Eijsvogel

Are the thiol/disulfide redox status and HDL cholesterol levels associated with pulmonary embolism?

Ebru engüleref Parlak (ANKARA, Turkey), Ebru engüleref Parlak, Murat Al s k, Aysegul Karalezli, Ayse Gokcen Sayilir, Serdal Bastug, Mukremin Er, H. Canan Hasanoglu, Ozcan Erel

Study on microparticles in a postthrombotic hypertension animal model

Remedios Otero Candeler (SEVILLA, Spain), Verónica Sanchez-López, Ana García Alvarez, Mario Nuñez Ayala, Inés García Lunar, Elena Arellano Orden, Lin Gao, Borja Ibañez Cabeza

12:50 - 14:40

Thematic Poster: Experimental PH

Chairs : Frederic Perros (Le Kremlin Bicetre, France)

Characteristics and utility of exosomes obtained from peripheral blood derived endothelial progenitor cells of PAH patients

Rebecca Harper (Adelaide, SA, Australia), Michaelia Cockshell, Claudine Bonder, Paul Reynolds

Cigarette smoke- and hypoxia-induced imbalanced vasoactive gene expression in human pulmonary artery smooth muscle cells

Abdullah Alqarni (Nottingham, United Kingdom), Linhua Pang, Oliver Brand, Alice Pasini

Common bile duct and portal vein ligations increased right ventricular pressure in rat: a new experimental model

Farzaneh Ketabchi (Shiraz, Islamic Republic of Iran), Ali Sepehri nezhad, Ali Rafati, Amirreza Dehghanian

Proangiogenic and wound healing molecular and histological fingerprint of chronic thromboembolic pulmonary hypertension

Dijana Iloska (Bad Nauheim, Germany), Jochen Wilhelm, Rajkumar Savai, Ralph Schermuly, Ludger Fink, Werner Seeger, Soni Pullamsetti

The effects of chronic hypoxia on pulmonary vascular reactivity in mice genetically deficient in connexin 43

Myo Htet (Glasgow, United Kingdom), Yvonne Dempsie, Patricia Martin, Jane Nally

Investigating redox sensitive sex differences in serotonin-induced proliferation and migration in rat pulmonary artery smooth muscle cells.

Katie Yates Hood (Glasgow, United Kingdom), Lynn Loughlin, Mandy MacLean

Histone Deacetylase 7 regulates master transcription factors and modulates mitochondrial function

Elisabetta Gamen (Bad Nauheim, Germany), Prakash Chelladurai, Friedrich Grimminger, Rajkumar Savai, Evangelos Michelakis, Werner Seeger, Soni Savai Pullamsetti

A role for the inflammasome effector caspase-1 in hypoxia-induced pulmonary hypertension

Camilla Udjus (Oslo, Norway), Fadila Cero, Bente Halvorsen, Cathrine Carlson, Bård Bendiksen, Emil Espe, Ivar Sjøstad, Else Marit Løberg, Arne Yndestad, Pål Aukrust, Geir Christensen, Ole Henning Skjøsberg, Karl-Otto Larsen

Nintedanib relaxes human pulmonary arteries more potently than murine

Christian Martin (Aachen, Germany), Julia Krabbe, Stefan Uhlig, Annette Rieg, Till Braunschweig, Svetlana Kintsler, Jan Spillner, Thomas Schroeder, Sebastian Kalverkamp, Lutz Wollin

Dasatinib increases endothelial permeability leading to pleural effusion

Carole Phan (le kremlin bicetre dedex, France), Etienne-Marie Jutant, Ly Tu, Raphaël Thuillet, Andrei Seferian, David Montani, Alice Huertas, Anton Vonk Noordegraaf, Marc Humbert, Jurjan Aman, Christophe Guignabert

Administration of mitomycin results in pulmonary hypertension and vascular remodeling in rabbits

Rozenn Quarck (LEUVEN, Belgium), Allard Wagenaar, Birger Tielemans, Aurélie Hautefort, Catharina Belge, Montani David, Marion Delcroix, Fabrice Anitigny, Frédéric Perros

Inhalation of dry powder INS1009 (DP-INS1009) does not activate the cough reflex in guinea pigs: a comparison with nebulized treprostinil.

Michel Corboz (Bridgewater, United States of America), Richard Chapman, Adam Plaunt, Helena Gauani, Vladimir Malinin, Walter Perkins, Caroline Buote, Charles Laurent, Dan Salvail, Han Hin, Zhili Li

The non-prostanoid IP receptor agonist, APD811 (ralinepag) has potent antiproliferative and vasorelaxant properties in human pulmonary artery

Lucie Clapp (London, United Kingdom), John Adams, Lei Shen, Jigisha Patel, Xaxier Norel, Dominic Behan

The selective Rho kinase inhibitor trans-6-((4-aminocyclohexyl)amino)-5-fluoro-2-methoxynicotinamide ameliorates experimental pulmonary hypertension

Stefano Cavalli (Parma, Italy), Silvia Cantoni, Alessandro Accetta, Fiorella Pastore, Gessica Marchini, Serena Bertolini, Gino Villetti, Fabrizio Facchinetti

Regulation of connexins by hypoxia in rat pulmonary vascular cells in an in vitro model of pulmonary hypertension

Andrew McNair (Glasgow, United Kingdom), David Welsh, Trisha Martin, Yvonne Dempsie

Vascular sexual dimorphism and pulmonary hypertension in a rat chronic hypoxia model.

Asuncion Rocher (Valladolid, Spain), Jesus Prieto-Lloret, Inmaculada Docio, Angela Gomez-Niño, Ana Obeso, Elena Olea

Specific ligand for the innate repair receptor, ARA290, attenuates pulmonary hypertension in an elastase-induced murine model of emphysema

Katherine Howell (Dublin, Ireland), Stephanie Whelan, Keith Rochfort, Michael Brines

Longitudinal cardiac changes in a SUGEN/Hypoxic Rat Model of Pulmonary Hypertension determined by Cardiac MRI

Geeshath Jayasekera (GLASGOW, United Kingdom), Kathryn Wilson, Hanna Buist, C Hughes, M Nilsen, Colin Church, L Gallagher, J Mullin, M Maclean, W Holmes, David Welsh, Andrew Peacock

Dysfunctional endothelial cells in patients with chronic thromboembolic pulmonary hypertension

Valerie Smolders (Barcelona, Spain), Isabel Blanco, Lucilla Picarri, J sica Garcia-Lucio, Tanja Paul, Erika zodda, Laura Sebastian, Manel Castell , Marta Cascante, Victor Peinado, Joan Albert Barber , Olga Tura-Ceide

Neutralization of CXCL12 reverses established pulmonary hypertension in the sugen-hypoxia rat model

Jennifer Bordenave (Le Kremlin-Bic tre Cedex, France), Raphael Thuillet, Ly Tu, Carole Phan, Gerald Simonneau, Alice Huertas, Marcel Hibert, Dominique Bonnet, Marc Humbert, Nelly Frossard, Christophe Guignabert

12:50 - 14:40

Thematic Poster: Exercise and physiology in pulmonary hypertension**Chairs :** Robert Naeije (Beersel, Belgium), Gabor Kovacs (GRAZ, Austria), Roberta Pulcheri Ramos (SAO PAULO/SP, Brazil), Chair to be confirmed**Thermodilution and Fick cardiac output measurement comparison in patients with pulmonary hypertension**

Regina Agaeva (Moscow, Russian Federation), Nikolai Danilov, Olesya Sagaydak, Iura Matchin, Tamila Martynyuk, Irina Chazova

Effect of normobaric hypoxia on pulmonary hemodynamics in patients with precapillary pulmonary hypertension

Alexandra Groth (Zurich, Switzerland), Patrick Bader, Mona Lichtblau, St phanie Saxer, Michael Furian, Simon Schneider, Esther Schwarz, Konrad Bloch, Silvia Ulrich

Functional impact of exercise pulmonary hypertension in patients with borderline pulmonary arterial pressure

Rudolf Oliveira (SAO PAULO/SP, Brazil), Mariana Faria-Urbina, Bradley Maron, Mario Santos, Aaron Waxman, David Systrom, Rudolf Oliveira

Right heart function and pulmonary pressure in asthma patients during 17 days at high-altitude

Silvia Ulrich (Zurich, Switzerland), Patrick Raphael Bader, Mona Lichtblau, St phanie Saxer, Simon Schneider, Paula Appenzeller, Michael Furian, Bernmet Estevesova, Talant Sooronbaev, Konrad E. Bloch

Modified Desaturation Distance Ratio (mDDR) predicts prognosis in patients with Pulmonary Arterial Hypertension.

Xavier Alsina (CUBELLES, Spain), ISABEL BLANCO, YOLANDA TORRALBA, MARIA PALOMO, FELIP BURGOS, JOAN ALBERT BARBERA

Pulmonary vascular response to exercise in heart-failure patients with pulmonary hypertension: role of a pre-capillary component

Bryan Taylor (Leeds, United Kingdom), Bruce Johnson

Borderline pulmonary hypertension was associated with reduced cardiac output during exercise in patients with connective tissue diseases

Alberto Maria Marra (Aversa, CE, Italy), Christian Nagel, Benjamin Egenlauf, Satenik Harutyunova, Christina Eichstaedt, Eduardo Bossone, Christine Fischer, Ekkehard Gr nig

Effect of combined training versus aerobic training in patients with Pulmonary Hypertension.

Ivan Peres Costa (SAO PAULO/SP, Brazil), Etienne Farah Teixeira de Carvalho, Aline Marsico, Vivian Arakelian, Roberto Atirbulov, Ross Arena, Lawrence P Cahalin, Luciana Maria Malosa Sampaio, Rodolfo de Paula Vieira

Screening for pulmonary vascular disease (PVD) in patients with portal hypertension by investigating pulmonary hemodynamics during exercise

Philipp Douschan (Graz, Austria), Gabor Kovacs, Rudolf Stauber, Vasile Foris, Susanne Pfeiffer, Fabian Gruber, Vanessa Stadlbauer-Köllner, Daniela Kniepeiss, Gernot Zollner, Peter Fickert, Alexander Avian, Andrea Olschewski, Horst Olschewski

Haemodynamic effects of exercise therapy in stable, optimally treated pulmonary arterial hypertension

Alison MacKenzie (GLASGOW, United Kingdom), Joanna Ford, Geeshath Jayasekera, Tim Crowe, Andrew Peacock, Colin Church, Martin Johnson

The value of cardiopulmonary exercise test in assessment of the severity of pulmonary arterial hypertension patients

Tamila Martynyuk (Moscow, Switzerland), Irina Taran, Zarina Valieva, Irina Chazova

Effect of acute and subacute exposure and reexposure to high altitude on pulmonary artery pressure in healthy lowlanders

Mona Lichtblau (Zürich, Switzerland), Patrick Raphael Bader, Michael Furian, Lara Muralt, Sara E. Hartmann, Jean M. Rawling, Marc J Poulin, Konrad E. Bloch, Silvia Ulrich

Low bronchial NO flux, but not low FENO, predicts pulmonary hypertension

Michela Maria Bellocchia (TORINO, TO, Italy), Renza Ambrosanio, Elisa Clivati, Lorena Mercante, Paolo Solidoro, Daniela Libertucci, Caterina Bucca

Evolution of DLNO/DLCO ratio after initiation of targeted PH therapy in naïve patients.

Laurent Bertoletti (St Priest En Jarez, France), Judith Catella-Chatron, Elodie De Magalhaes, Stéphanie Chomette-Ballereau, Jean-Baptiste Gaultier, Isabelle Court-Fortune, Céline Chapelle, Frédéric Costes, Claire Tulane, Alexie Gate-Martinet

Gas exchange and hemodynamics in pulmonary hypertension (PH)

Edoardo Airò (Pisa, PI, Italy), Edoardo Airò, Carolina Bauleo, Bruno Formichi, Ripoli Andrea, Simonetta Monti, Giosuè Angelo Catapano, Francesca Mannucci, Ivana Pavlickova, Rudina Ndreu, Francesco Grotti, Renato Prediletto

Volumetric capnography in PAH patients.

Guilherme Almeida (Vinhedo, Brazil), Ilma Paschoal, Marcos Moreira, Mônica Pereira, José Roberto Souza

Inspiratory muscle weakness and mortality in PAH

Joao Victor Rolim (SAO PAULO/SP, Brazil), Roberta Pulcheri Ramos, Eloara VM Ferreira, Gabriela AM Figliolino, Ivan Ivanaga, Angelo Cepeda, Carolina Messina, Danielle Bedin, Luiz Eduardo Nery, Jaqueline Sonoe Ota--Arakaki

Does exercise related desaturation normalise post-pulmonary endarterectomy?

Louise Harlow (CAMBRIDGE, United Kingdom), Emilia Swietlik, John Cannon, Karen Sheares, Dolores Taboada, Nick Sreaton, David Jenkins, Joanna Pepke-Zaba, Mark Toshner

Right ventricular contractile reserve and pulmonary arterial compliance differentiate PAH patients with long-term survival and therapeutic success.

Rebecca Vanderpool (Tucson, United States of America), Kelly Wickstrom, Ankit Desai, Vineet Nair, Roberto Bernardo, Franz Rischard

Severity of pulmonary hypertension correlates with patients' daily physical activity

Stéphanie Saxer (Zürich, Switzerland), Stéphanie Saxer, Elisabeth Hasler, Konrad Bloch, Silvia Ulrich

12:50 - 14:40

Thematic Poster: PAH and CTEPH

Chairs : Caio Júlio Cesar Fernandes (SAO PAULO/SP, Brazil), Marion Delcroix (LEUVEN, Belgium), Paul M. Hassoun (Baltimore, United States of America)

Evaluation of a novel clinic for management of Chronic Thromboembolic Pulmonary Disease (CTED) and associated Pulmonary Hypertension (CTEPH).

Alistair Roddick (London, United Kingdom), Karen Breen, Philip Marino

Quality of life and physical functioning in chronic thromboembolic pulmonary hypertension (CTEPH): the impact of treatment

Daniela Cavalet Blanco (PORTO ALEGRE/RS, Brazil), Noris Coimbra Scaglia, Flavio Vinicius Costa Ferreira, Sabrina Rocha Machado, Luciana Zani Viegas da Silva

Real-life data on the medical therapy of pulmonary arterial and chronic thromboembolic pulmonary hypertension

Esther Schwarz, Philipp Bartenstein, Stéphanie Saxer, Paula Appenzeller, Mona Lichtblau, Silvia Ulrich

The use of new anticoagulants in CTEPH

Francisca Alexandra Gavilanes Oleas (SAO PAULO/SP, Brazil), José Leonnidas Alves Jr, Caio JC Fernandes, Luis FL Prada, William Salibe Filho, Mario Terra Filho, Carlos Jardim, Rogério Souza

Chronic thromboembolic pulmonary hypertension (CTEPH) and coagulation defects: Before and after treatment

Eleni Vrigkou (Athens, Greece), Argirios Tsantes, Dimitrios Konstantonis, Elias Kyriakou, Athanasios Pappas, Anastasia Anthi, Eleni Stagaki, Stylianos Orfanos, Apostolos Armaganidis, Iraklis Tsangaris

Pulmonary perfusion changes after Balloon Pulmonary Angioplasty for chronic thromboembolic pulmonary hypertension

Anne-Lise Hachulla (Geneva, Switzerland), Stéphane Noble, Hélène Bouvaist, Xavier Montet, Jean-Paul Vallée, Maurice Beghetti, Paola M Socal, Frédéric Lador

Liquid biopsy for Chronic Thromboembolic Pulmonary Hypertension: Circulating microRNA profile by Next Generation Sequencing

Alexandre Todorovic Fabro (Ribeirão Preto / São Paulo, Brazil), Heloísa Resende Cruvinel, Sabrina Setembre Batah, Patrícia dos Santos Leão, Juliana Rodrigues Machado, Claudia Aparecida Rainho, Hugo Hyung Bok Yoo, Vera Luiza Capelozzi

Evaluation of serum cytokines in patients with idiopathic pulmonary arterial hypertension and chronic thromboembolic pulmonary hypertension with hypercholesterolemia

Tamila Martynyuk (Moscow, Switzerland), Irina Taran, Olga Arkhipova, Irina Chazova

Effects of endothelin receptor antagonist (ERA) bosentan on myocardial glucose metabolism in pulmonary arterial hypertension (PAH) and chronic thromboembolic pulmonary hypertension (CTEPH)

Laurent-Pierre Nicod (LAUSANNE, Switzerland), Periklis Mitsakis, Patrick Yerly, Vincent Dunet, Emmanuel Deshayes, Nicole Aebischer, Maura Prella, John Prior, John-David Aubert

Fluid challenge test and pulmonary haemodynamics in patients with systemic sclerosis

Michele D'Alto (NAPOLI, NA, Italy), Michele D'Alto, Emanuele Romeo, Paola Argiento, Giovanni Maria Di Marco, Agostino Mattera Iacono, Serena Vettori, Gabriele Valentini, Maria Giovanna Russo

Incidence of new pulmonary hypertension and determining factors during follow-up of patients with systemic sclerosis after negative right heart catheterisation

Satenik Harutyunova (Heidelberg, Germany), Christina Eichstaedt, Gerry Coghlan, Matthias Wolf, Oliver Distler, Christopher Denton, Nicola Benjamin, Christine Fischer, Ekkehard Gruenig, Alberto Marra

REPLACE: A prospective, randomized trial of riociguat replacing phosphodiesterase 5 inhibitor therapy in patients with pulmonary arterial hypertension who are not at treatment goal

Marius M. Hoeper (Hannover, Germany), Hossein-Ardeschir Ghofrani, Raymond L. Benza, Paul A. Corris, JSR. Gibbs, James R. Klingler, David Langleben, VV McLaughlin, Andrew Peacock, Stephan Rosenkranz, Anton Vonk-Noordegraf, RJ White, Frank Kleijnung, Christian Meier, Gérald Simonneau

Impact of insomnia on exercise capacity and quality of life in patients with pulmonary arterial hypertension

Kathleen Swinnen (Leuven, Belgium), Marion Delcroix, Catharina Belge, Rozenn Quarck, Dries Testelmans, Bertien Buyse, Frederik Helsen

PHA-UK living with Pulmonary Hypertension 2016 Survey

Catherine Billings (Sheffield, United Kingdom), Iain Armstrong, Carl Harries, Janelle Yorke

Evaluation of thyroid function in pulmonary arterial hypertension

Guillermo Cueto Robledo (MÉXICO D.F, Mexico), Samuel Alejandro Gómez Lucas, Gloria Barragan Pola

Undifferentiated connective tissue disease at risk for systemic sclerosis: is heart function already impaired?

Michele D'Alto (NAPOLI, NA, Italy), Michele D'Alto, Antonella Riccardi, Paola Argiento, Emanuele Romeo, Ilaria De Stefano, Agostino Mattera Iacono, Marialuisa Bocchino, Alessando Sanduzzi, Maria Giovanna Russo, Gabriele Valentini

VENTASWITCH study: Switching from Ventavis (iloprost) V10 to V20 improves inhalation behaviour in patients with pulmonary arterial hypertension (PAH)

Manuel Jonas Richter (Giessen, Germany), Barbara Stollfuß, Alexander Roitenberg, Silke Gerlach, Frank Kleijnung, Valentin Graeff, Sabine Berghaus, Christian Müller, Ardeschir Ghofrani

Pregnancy in PAH associated with congenital heart disease: 6-year clinical cases series from the referral center

Andrey E. Bautin (ST PETERSBURG, Russian Federation), Andrey Yakubov, Nikita Aram-Balik, Yuliya Kokonina, Olga Li, Olga Irtyuga, Irina Zazerskaya, Olga Moiseeva

Managing pregnancy in pulmonary hypertension using a multi-professional approach: a 16-year experience in a specialist referral centre

Liesbeth ten Klooster (NIEUWEGEIN, Netherlands), Chloe Theodorou, Vicky Wilson, Karen Selby, Ruth Newton, Saurabh Gandhi, Tessa Bonnett, Joanne Fletcher, Iain Armstrong, Lisa Martin, Neil Hamilton, Gary Mills, Athanasios Charalampopoulos, Ian Sabroe, Charlie Elliot, Robin Condliffe, David Kiely, Roger Thompson

Modern management of portopulmonary hypertension in children : case series of an expert center

Frédéric Lador (Genève 14, Switzerland), Frédéric Lador, Raphael Joye, Julie Wacker, Valerie McLin, Emiliano Giostra, Yassin Aggoun, Barbara Wildhaber, Maurice Beghetti

12:50 - 14:40

Thematic Poster: Imaging / Lung disease PH

Chairs : Anton Vonk Noordegraaf (Amsterdam, Netherlands), Sean Gaine (Dublin, Ireland), Chair to be confirmed

Qualitative analysis of pulmonary perfusion changes assessed by Dual-Energy Computed-Tomography after Endoscopic Lung Volume Reduction by Coils

Anne-Lise Hachulla (Geneva, Switzerland), Frédéric Lador, Olivia Hohn, Jérôme Plojoux, Maxime Ronot, Xavier Montet, Paola M. Soccà

Reduced pulmonary artery pulsatility on dynamic 256-slice CT is associated with severity of emphysema and reduced right ventricular function

Martin MacDonald (Melbourne, VIC, Australia), Ai Ming Wong, Christian Osadnik, Paul King, Siobhan Lockwood, James Cameron, Mark McCusker, Sinan Al-Hadethi, John Troupis, Philip Bardin

A single-centre experience in group 3 pulmonary hypertension treated with off label specific drugs

Barbara Fusar Poli (PAVIA, Italy), Isa Cerveri, Federica Meloni, Luigia Scudeller, Davide Piloni

Accuracy of CT-derived measures in identifying Pulmonary Hypertension (PH) in patients awaiting lung transplant

Luiza Helena Degani-Costa (SAO PAULO/SP, Brazil), Joao Paulo Assis, Pedro Paulo Pisaniello Gonçalves, George Caldas Dantas, Gilberto Szarf, Jose Eduardo Afonso

Microvascular changes in COPD patients with severe pulmonary hypertension

Vincent Bunel (PARIS, France), Alice Guyard, Gaëlle Dauriat, Claire Danel, David Montani, Clément Gauvain, Gabriel Thabut, Marc Humbert, Peter Dorfmueller, Hervé Mal

Right-to-left shunt in COPD at high altitude - randomized, controlled trial with dexamethasone

Mona Lichtblau (Zürich, Switzerland), Michael Furian, Sayaka S. Aeschbacher, Maya Bisang, Maamed Mademilov, Ulan Sheraliev, Aijamal Tabysheva, Batyr Osmonov, Hannes Knapp, Stefanie Ulrich, Talant Sooronbaev, Konrad E. Bloch, Silvia Ulrich

Pulmonary Hypertension in Pulmonary tuberculosis- A Prognostic Indicator

Mani Tiwari (ALLAHABAD (UTTAR PRADESH), India), Samir Prabhulal Gami

Right ventricular dimensions on CTPA predict pulmonary hypertension and prognosis in interstitial lung disease (ILD)

Simon Bax (Redhill, United Kingdom), Charlene Bredy, Kostas Dimopoulos, Aleksander Kempny, Anand Devaraj, Simon Walsh, Joseph Jacobs, Arjun Nair, Maria Kokosi, Gregory Keir, Carl Harries, Vasillis Kouranos, Colm McCabe, Wei Li, Riaz Ahmed, Michael Wilde, Athol Wells, John Wort*, Laura Price* (* Joint final author)

Rate of change in main pulmonary artery diameter predicts mortality in interstitial lung disease

Simon Bax (Redhill, United Kingdom), Charlene Bredy, Kostas Dimopoulos, Aleksander Kempny, Anand Devaraj, Simon Walsh, Joseph Jacobs, Arjun Nair, Maria Kokosi, Gregory Keir, Carl Harries, Vasillis Kouranos, Colm McCabe, Wei Li, Riaz Ahmed, Michael Wilde, Athol Wells, John Wort*, Laura Price* (* Joint final author)

The composite physiological index strongly predicts mortality in interstitial lung disease (ILD) associated pulmonary hypertension (PH-ILD)

Simon Bax (Redhill, United Kingdom), Charlene Bredy, Kostas Dimopoulos, Aleksander Kempny, Anand Devaraj, Simon Walsh, Joseph Jacobs, Arjun Nair, Maria Kokosi, Gregory Keir, Carl Harries, Vasillis Kouranos, Colm McCabe, Wei Li, Riaz Ahmed, Michael Wilde, Athol Wells*, John Wort*, Laura Price* (* Joint final author)

ALTERED SYNCHRONY OF RIGHT VENTRICULAR CONTRACTION IN BORDERLINE PULMONARY HYPERTENSION

Bouchra Lamia (ROUEN, France), Jean-Francois Muir, Luis-Carlos Molano, Catherine Viacroze, Philippe Bonnet, Jean Quieffin, Jacques Benichou, Antoine Cuvelier, Robert Naeije

Body composition assessment in COPD and pulmonary hypertension patients

Leslie Verdeja Vendrell (Mexico, Mexico), Dulce González Islas, Arturo Orea Tejada, Abril Guadalupe Jiménez Cepeda, Ana Grecia Navarrete Peñaloza, Guillermo Karey Pérez Cortés, Luis Felipe Castillo Aguilar, Viridiana Peláez Hernández, Francisco Alejandro Figueroa Herrera, Sonia Torres Montiel, Bernardo Robles Uribe, Rocío Nayeli Sánchez Santillán

Dose-effect of inhaled NO in patients with IPF using right heart catheterization.

Bitu Hajian (Huizen, Netherlands), Jan de Backer, Cedric van Holsbeke, Wim Vos, Fransisca Ferreira, Annemie Hufkens, Rita Claes, Wilfried de Backer

Clinical profile of pulmonary hypertension at a tertiary care centre, India

Sameer Bansal (Navi Mumbai, India), Ketaki Utpat, Unnati Desai, Jyotsna Joshi

DECREASED PULMONARY VASCULAR DISTENSIBILITY IN ADOLESCENTS CONCEIVED BY ASSISTED REPRODUCTIVE TECHNOLOGIES.

Kevin Forton (Bruxelles, Belgium), Yoshiki Motoji, Beatrice Pezzuto, Anne Delbaere, Vitalie Faoro, Robert Naeije

Validation of cardiac MR parameters in the assessment of pulmonary hemodynamics

Balázs Odler (Graz, Austria), Ursula Reiter, Gert Reiter, Michael Fuchsjäger, Vasile Foris, Adrienn Tornoyos, Philipp Douschan, Susanne Pfeiffer, Andrea Olschewski, Horst Olschewski, Gabor Kovacs

Microvascular Endothelial Function in treated Pulmonary Arterial Hypertension

Logan Thirugnanasothy (Newcastle upon Tyne, United Kingdom), Sasiharani Sithamparanathan, Adam Groves, John Simpson, John Allen, Paul Corris

Echocardiographic tricuspid regurgitation velocity versus echocardiographic right ventricular systolic pressure in pulmonary hypertension diagnosis

Lamia Shaaban (ASSIUT, Egypt), Olfat M. Elshinawy, Gamal M. Agmy, Raed Dweik, Adriano Tonelli, Mostafa K. Ahmed

Cardiac remodelling and hemodynamic changes in pulmonary hypertension after double lung transplantation

Agustín García Roca (BUENOS AIRES, Argentina), Jorge Cánova, Liliana Ethel Favalaro, Francisco Klein, Graciela Tuhay, Juan Osses, Alejandro Cicolini, Eduardo Guevara, Graciela Wagner, Juana Rosalia Ahumada, Gustavo Parrilla, Roberto Rene Favalaro, Alejandro Mario Bertolotti

Late Diastolic dyssynchrony: A novel method to determine RV function in pulmonary hypertension?

Timothy Crowe (GLASGOW, United Kingdom), Piotr Sonecki, Geeshath Jayasekera, Alison MacKenzie, Colin Church, Martin Johnson, Andrew Peacock

12:50 - 14:40

Thematic Poster: Respiratory epidemiology; from sarcoidosis to respiratory infections and tuberculosis

Chairs : Joan B Soriano (MADRID, Spain), Cecilie Svanes (BERGEN, Norway), Chair to be confirmed

Sarcoidosis mortality in Sweden: a population-based cohort study

Marios Rossides (Stockholm, Sweden), Susanna Kullberg, Johan Askling, Anders Eklund, Johan Grunewald, Elizabeth Arkema

First steps at implementing value based healthcare internationally in sarcoidosis: comparing outcomes.

Nynke Kampstra (Amersfoort, Netherlands), Philip J van der Wees, Paul B Van der Nat, Frouke van Beek, Coline HM van Moorsel, Robert P Baughman, Daniel C Culver, Elizabeth A Renzoni, Vasilis Kouranos, Wim Wuyts, Marlies S Wijnsenbeek, Pieter Zanen, Jan C Grutters

Comparing outcomes internationally in pulmonary sarcoidosis: PFT change by scadding stage

Nynke Kampstra (Amersfoort, Netherlands), Philip J van der Wees, Paul B van der Nat, Frouke van Beek, Coline HM van Moorsel, Robert P Baughman, Daniel C Culver, Elizabeth A Renzoni, Vasilis Kouranos, Wim Wuyts, Marlies S Wijnsenbeek, Pieter Zanen, Jan C Grutters

Sarcoidosis in Israel: Clinical outcome status, organ involvement and long term follow up

Gali Epstein Shochet (Kfar-Saba, Israel), Natalia Markavych, David Shitrit, Lilach Israeli-Shani

Sarcoidosis in South Croatia, 30-year follow up

Ivan Škopljanač (Kaštel Stari, Croatia), Kornelija Miše, Ivana Šegrt, Dino Ilak

Real life quantitative measurement of ambulation under oxygen therapy in patients with chronic respiratory insufficiency (ACTIMETRE study).

Eric Leutenegger (Paris, France), Ari Chaouat, Gilles Jebrak, Lionel Lerousseau, Daniel Piperno, Alain Palot, Frederic Le Guillou, Gilles Devouassoux, Philippe Richard, Luc Dussart, Didier Perrin, Gilles Giannoli, Edith Maetz, Dominique Muller

High frequency of unexplained breathlessness among UK HIV positive adults

James Brown (London, United Kingdom), Elisha Pickett, Santino Capocci, Sara Madge, Mike Youle, Lucy Brookes, Irwin Nazareth, Margaret Johnson, Swapna Mandal, John Hurst, Marc Lipman

Canadian incidence, prevalence and healthcare utilization for respiratory complications of adults with neuromuscular disease

Louise Rose (Toronto, ON, Canada), Douglas McKim, David Leasa, Mika Nonoyama, Anu Tandon, Yu Qing Bai, Reshma Amin, Sherri Katz, Roger Goldstein, Andrea Gershon

Incidence, prevalence and healthcare utilization for respiratory complications of children with neuromuscular disease in Ontario, Canada

Louise Rose (Toronto, ON, Canada), Douglas McKim, David Leasa, Mika Nonoyama, Anu Tandon, Yu Qing Bai, Reshma Amin, Sherri Katz, Roger Goldstein, Andrea Gershon

Epidemiology of pneumothorax: UK national primary care data (1995-2015)

Rob Hallifax (Oxford, United Kingdom), Jack Gibson, Najib Rahman, Richard Hubbard

A large-scale population-based cohort study of idiopathic interstitial pneumonia in Japan

Hirofumi Chiba (Sapporo Hokkaido, Japan), Yuichiro Asai, Shun Kondoh, Hirotaka Nishikiori, Mamoru Takahashi, Koji Kuronuma, Mitsuo Otsuka, Gen Yamada, Hiroki Takahashi, Youhei Takahashi, Kimiyuki Ikeda, Atsushi Saito

Poor self regulation correlates with the incidence of lung cancer in smokers

David Jungck (Berlin, Germany), Michael Bloch, Jürgen Knobloch, Juliane Kronsbein, Paul Bürger, Eike Bühlhoff, Deborah Wehde, Faisal Yusuf, Volkmar Nicolas, Andreas Mügge, Assem Aweimer, Henrik Rudolf, Andrea Koch

The use of palliative care services among persons with COPD versus lung cancer: a population-based survey

Charlotte Scheerens (Ghent, Belgium), Kim Beernaert, Luc Deliens, Joachim Cohen, Kenneth Chambaere

Quality of life in newly diagnosed lung cancer patients.

Jelena Bojovic (Podgorica, Republic of Montenegro)

Direct and indirect economic and health consequences of Lung cancer in Denmark: a national register-based study: 1998–2010

Anders Løkke (Højbjerg, Denmark), Anders Løkke, Jeyanthini Risikesan, Anja Gouliaev Kirkeby, Ole Hilberg

Diagnosing primary ciliary dyskinesia (PCD) using electron microscopy and exome sequencing

Suzanne Crowley (Oslo, Norway), Amelia Shoemark, Mari Ann Kulseth, Finn Reinholt, Ketil Heimdal

Community knowledge, attitude, and practices towards tuberculosis in Tunisia

Nozha Bensalah (TUNIS, Tunisia), Mohamed Hsairi, Houda Snene, Dorra Bejar, Nadia Mehiri, Rachid Fourati, Fatma Tritar, Bechir Louzir, Majed Beji

XDR-TB prevalence in some regions of the Russian Federation

Vladislav Vsevolodovich Erokhin (Moscow, Russian Federation), Viktor Vasilievich Punga, Vadim Vitalievich Testov, Larisa Ivanovna Rusakova

Epidemiology and characteristics of respiratory viral infection in 2006-2016 in Korean children

Hyemi Jee (Seongnam, Republic of Korea), SeungJin Lee, ChaeYeon Min, YongSun Jo, EunKyo Ha, KyungSuk Lee, Young-Ho Jung, ManYong Han

12:50 - 14:40

Thematic Poster: Asthma epidemiology among children and adults; from biomarkers to ACOS

Chairs : Stefania La Grutta (Palermo, PA, Italy), Linda Ekerljung (Göteborg, Sweden), Richard Beasley (Wellington, New Zealand), Elaine Fuertes (München, Germany)

Systematic review: validation of asthma recording in electronic health records

Francis Nissen (London, United Kingdom), Jennifer Quint, Samantha Wilkinson, Hana Muellerova, Liam Smeeth, Ian Douglas

Application of Natural Language Processing algorithm for Predetermine Asthma Criteria to ascertainment of adult-onset asthma

Young J Juhn (Rochester, United States of America), Chung-Il Wi, Hee Yun Seol, Sunghwan Sohn, Sungrim Moon, Euijung Ryu, Richard Pendegraft, Miguel Park, Hongfang Liu

Oxidative stress biomarkers and asthma characteristics in adults of the EGEA study

Miora Andrianjafimasy (Villejuif cedex, France), Farid Zerimech, Helene Huyvaert, Valérie Siroux, Régis Matran, Nicole LeMoual, Oriane Dumas, Rachel Nadif

Gender differences in allergic and non-allergic asthma over 20 years of follow-up

Bobette Matulonga Diakiese (PARIS, France), Kai Triebner, Dominique Courbon, Simone Accordini, Joachim Heinrich, Christer Janson, Deborah Jarvis, Eva Lindberg, Isabelle Pin, Nicole Probst-Hensch, Valérie Siroux, Chantal Raheison, Elisabeth Zemp, Shyamali Dharmage, Francisco Gomez Real, Bénédicte Leynaert

Increased prevalence of allergic asthma over 20 years in northern Sweden

Helena Backman (Lulea, Sweden), Petri Räisänen, Linnea Hedman, Caroline Stridsman, Martin Andersson, Anne Lindberg, Bo Lundback, Eva Rönmark

Adult onset asthma is a persistent disease – report from the OLIN studies

Linnéa Qvist (Boden, Sweden), Linnéa Qvist, Helena Backman, Bo Lundbäck, Eva Rönmark, Linnea Hedman

Prevalence of hypertension among elderly asthmatics: the Rotterdam Study.

Emmely De Roos (Rotterdam, Netherlands), Lies Lahousse, Arfan Ikram, Bruno Stricker, Guy Brusselle, Katia Verhamme

Increased prevalence of asthma and respiratory symptoms 2008-2016 in West Sweden despite a major decrease in smoking

Linda Ekerljung (Göteborg, Sweden), Roxana Mincheva, Jan Lötvall, Göran Wennergren, Bo Lundbäck

Predictors of early and late onset asthma in a rural population of children: The Saskatchewan Rural Health Study

Donna Rennie (Saskatoon, SK, Canada), Josh Lawson, Chandima Karunanayake, James Dosman, Punam Pahwa, Ambikaipakan Senthiselvan

Efficacy of reslizumab in adults with severe eosinophilic asthma with 3 exacerbations in the previous year: analyses at weeks 16 and 52 of two placebo-controlled phase 3 trials

Anoop Chauhan (Portsmouth, United Kingdom), Margaret Garin, Shawn Sun

The effects of inhaled corticosteroids on risk of self-reported osteoporosis and fractures in adult subjects with asthma

Angelo Guido Corsico (PAVIA, Italy), Amelia Grosso, Lucia Cazzoletti, Veronica Mattioli, Federica Albicini, Erica Gini, Elisabetta Zanolin, Isa Cerveri

Allergic sensitization associates differently to asthma, rhinitis and eczema during school ages

Joakim Bunne (Piteå, Sweden), Linnea Hedman, Martin Andersson, Eva Rönmark, Bo Lundbäck

Chronic bronchitis, asthma and rhinitis are differently associated with cardiovascular risk factors and diseases.

Giancarlo Pesce (VERONA, VR, Italy), Alessandro Marcon, Lucia Cazzoletti, Salvatore Battaglia, Isa Cerveri, Pietro Pirina, Giulia Trucco, Francesca Locatelli, Marcello Ferrari

Smog episode in Poland in January 2017 as a risk factor of increased hospital admissions due to respiratory and cardiovascular exacerbations

Artur Badyda (Warsaw, Poland), Piotr Dębrowiecki

Blood eosinophils and obstructive lung diseases – results from the population-based Austrian LEAD Study

Sylvia Hartl (Vienna, Austria), Robab Breyer-Kohansal, Marie Katrin Breyer, Matthias Urban, Michael Studnicka, Otto Chris Burghuber

Prevalences of lung diseases in a Chinese greenhouse working population

Shuo Liu (Shenyang, China), Xiaoge Wang

Comparison of epidemiological characteristics and medical utilization of asthma-predominant ACOS and COPD

Min-Hye Kim (Seoul, Republic of Korea), Jin-Hwa Lee, Chin Kook Rhee, Kyungjoo Kim, Kwang Ha Yoo, Ki-Suck Jung

Cell phenotyping, asthma control, and airway obstruction in severe asthma

Sven-Arne Jansson (Umeå, Sweden), Helena Backman, Maria Andersson, Gunilla Telg, Bo Lundbäck, Eva Rönmark

12:50 - 14:40

Thematic Poster: Air pollution**Chairs :** Lidwien A.M. Smit (Utrecht, Netherlands), Metin Akgün (Erzurum, Turkey), Chair to be confirmed**Association between air pollution and exacerbations of chronic obstructive pulmonary disease and asthma in adult citizens of Yunlin County in Taiwan**

Chung-Yu Chen (Douliou, Taiwan), Hung-Chueh Peng, Jin-Yuan Shih, Chong-Jen Yu, Pan-Chyr Yang, Ying-Yin Chen

Effect of PM_{2.5} and regulatory thresholds on all-cause mortality among active commuters in two mega-cities.

Panayiotis Kouis (NICOSIA, Cyprus), George Yiallourous, Stefania I. Papatheodorou

The Impact of Southeast Asian Haze on Respiratory Admissions

Tidi Hassan (Dublin 8, Ireland), Yasheeny Vadiveel, Yusuriyavarman Kulappan, Pushpa Haridass, Tamyenthini Jeyabalan, Chew Ming Ray

Measurement of respiratory tract deposition of inhaled particles (0.015-5 µm), lung function and breathing pattern for a group of 67 adults and children

Jakob Löndahl (Lund, Sweden), Jakob Löndahl, Per Wollmer, Anders Gudmundsson, Hanna Nicklasson, Erik Swietlicki, Jenny Rissler

Particulate Matter exposure influences respiratory microbiota structure and functions

Jacopo Mariani (Lissone, Italy), Chiara Favero, Luca Del Buono, Valeria Motta, Laura Pergoli, Andrea Cattaneo, Matteo Bonzini, Angela Cecilia Pesatori, Valentina Bollati

Effects induced in lungs by UFPs from different anthropogenic sources.

Francesca Farina (Monza, MI, Italy), Chiara Milani, Luca Massimino, Luca Crippa, Elisa Ballarini, Giulio Sancini, Laura Botto, Elena Lonati, Guido Cavaletti, Alessandra Bulbarelli, Paola Palestini

Evaluating the utility of urinary metal concentrations as biomarkers of air pollutant exposures.

Rosamund Dove (London, United Kingdom), Abigail Whitehouse, Benjamin Barratt, Lisa Miyashita, Jonathan Grigg, Ian Mudway

Redox-active metals impact the highest oxidative potential values in the urban and roadside locations in London

Nuria Camiña (London, United Kingdom), Frank J Kelly, Ian S Mudway

Laser spectroscopy for in situ elemental imaging of lung tissue: a promising technology

Benoit Busser (La Tronche, France), Samuel Moncayo, Mickael Catinon, Lucie Sancey, Françoise Thivolet, Jean Francois Bernaudin, Marianne Kambouchner, Vincent Bonnetterre, Michel Vincent, Vincent Motto Ros

Short-term effects of air pollution from livestock farms on lung function in patients with COPD

Lidwien A.M. Smit (Utrecht, Netherlands), Tomas van Dijk, Marieke Oldenwening, Bernadette Aalders, Lizan D. Bloemsma, Floor Borlée, Dick Heederik

Oxidative stress, short-term exposure to air pollution, and lung function in children

Abigail Whitehouse (Brockley, United Kingdom), Lisa Miyashita, Jonathan Grigg, Ian Mudway, Benjamin Barratt, Rosamund Dove

Is the future of air pollution monitoring hiding in our pockets?

Michele Padovan (LONDON, United Kingdom), Abigail Whitehouse, Jonathan Grigg

Access to greenspace and asthma symptoms in urban children with persistent asthma

Kelli DePriest (Baltimore, United States of America), Arlene Butz, Cassia Land, Mary Beth Bollinger

Effects of Intrauterine Exposure to Concentrated Ambient Particles on Mice Offspring Sensitized with House Dust Mite

Jôse Mára Brito (SAO PAULO/SP, Brazil), Jôse Brito, Fernanda Magalhães Arantes-Costa, Eliane Tigre Guimarães, Rodolfo de Paula Vieira, Mariangela Macchione, Thaís Mauad

Air pollution and birth-related characteristics

Efthimios Zervas (Patra, Greece), Dimitris Politis, Christina Bampatsou

Rhinitis and rhinoconjunctivitis among junior high school students in Japan in relation to the home and school environment

Motoko Takaoka (Nishinomiya, Japan), Kyoko Suzuki, Dan Norbäck

Occupational and environmental acute inhalation accidents and respiratory outcomes in a large case control-study

Nicola Murgia (Perugia, PG, Italy), Roberta Vesentini, Giuseppe Verlato, Leonardo Antonicelli, Roberto Bono, Pietro Pirina, Simona Villani, Mario Olivieri

Forecasting the local risk for asthma hospitalizations from georeferenced environmental data – a pilot model

Rute Almeida (Porto, Portugal), Hernâni Gonçalves, Cristina Jácome, Ana Sá-Sousa, Alberto Freitas, João Fonseca, Ana Cláudia Teodoro

Comparison of sampling methods of indoor air particulate matter for in vitro exposure studies

Maria-Elisa Nordberg (Kuopio, Finland), Martin Täubel, Kaisa Jalkanen, Anne Hyvärinen, Kati Huttunen

Assessment of symptoms of dust exposed employees with niosh questionnaire

Pınar Yıldız Gülhan (Kırkkale, Turkey), Pınar Yıldız Gülhan, Peri Arbak, Bekir Kaplan, Tuğba Kaplan, Muhammet Gülhan

12:50 - 14:40

Thematic Poster: Global epidemiologic data for smoking

Chairs : Athanasia Pataka (Thessaloniki, Greece), Filippos T. Filippidis (London, United Kingdom), Elif Dagli (Istanbul, Turkey), Hiroo Wada (Tokyo, Japan)

ESDL trainings in Georgia - goals and achievements

Tamar Tsikelashvili (Tbilisi, Georgia), Maia Makalatia

Smoking habits in young federated athletes

João Miguel Bettencourt Sena Carvalho (LISBOA, Portugal), João Miguel Bettencourt Sena Carvalho, Pedro Ulisses Cardoso Brito, Magda Sofia Gomes Catarino, Raquel Fernandes Moura, Ana Filipa Lontro Cruz, Lorina Benigna Gomes Pestana, Ana Sofia Alexandre de Oliveira

The relationship between perceived stress, working conditions and smoking in health personnel

Aysel Yildiz (İSTANBUL, Turkey), Nurayet Canbaz, Begum Unlu, Ufuk Yurdalan

The tabacological profile for ex-smokers. Follow-up at 10 years - partial results

Marinela Raileanu (BUCURESTI, Romania)

Investment and export incentives granted to tobacco industry in Turkey

Elif Dagli (Istanbul, Turkey), Efza Evrengil, Osman Elbek, Fusun Yıldız, Murat Ceyhan, Tanzer Gezer, Murat Güner

Sustaining tobacco control success: a challenge for Turkey

Osman Elbek (İSTANBUL, Turkey), Efza Evrengil, Elif Dagli, Fusun Yıldız, Murat Güner, Tanzer Gezer

Dynamics of the intensity of Smoking among the residents of the Yamalo-Nenets Autonomous Okrug

Irina Gagarinova (Nadym, Russian Federation), Andrei Popov, Sergei Andronov, Andrei Lobanov

3 years of Tobacco Control Policy implementation in Russian Federation

Marine Gambaryan (Moscow, Russian Federation)

Smoking profile and attitudes towards smoking among male resident doctors at Assiut university hospitals, Egypt

Atef Farouk Alkarn (ASSIUT, Egypt), wafaa Gadallah, Alaa Ahmed Kasem

Smoking and use of other tobacco products in Kyrgyzstan medical students: an 11-year follow-up

Aigerima Aralbaeva (Bishkek, Kyrgyzstan), Zchamilya Zchilkiadarova, Denis Vinnikov, Nurlan Brimkulov

Low mid-expiratory airflow on spirometry is an early indicator of impaired lung function in asymptomatic adult smokers: A case control study at a tertiary care hospital, Karachi

Maryam Gohar Ali (Hyderabad, Sindh, Pakistan), Muhammad Irfan

The attitudes of healthy people about smoking and their knowledge about smoking cessation

Aysel Yildiz (İSTANBUL, Turkey), Begum Unlu, Ufuk Yurdalan

Evaluation of school teachers' sociodemographic characteristics and quality of life according to their cigarette smoking status: a cross-sectional study from eastern Black Sea region of Turkey

Dilek Karadoğan (ARTVİN, Turkey), Özgür Önal, Deniz Saygıhan, Sonnur Yazıcıoğlu, Yalçın Kanbay

Preferences and experiences of smokers attending Australian general practices

Jenifer Liang (Doncaster East, Australia), Michael Abramson, Nicholas Zwar, Grant Russell, Anne Holland, Billie Bonevski, Ajay Mahal, Benjamin van Hecke, Kirsten Phillips, Paula Eustace, Kate Petrie, Sally Wilson, Johnson George

The Impact of Tobacco-Related Advertisement on Teenagers' Smoking Behaviour in Surakarta, Indonesia

Dewi Nurul Makhabah (Yogyakarta, Indonesia), Yanny Octavia Sally Ride, Farih Raharjo, Yusup Subagio Sutanto, Suradi Suradi

Control of tobacco smoking in a hospital setting in Rome after a new decree law

Gregorino Paone (ROMA, RM, Italy), Rosa Stella Principe, Salvatore Damante

Survey on Pulmonologist Smoking Cessation Centers in Italy

Paola Martucci (NAPOLI, NA, Italy), Cristina Cinti, Sandra Nutini, Rosastella Principe, Antonella Serafini

Evaluation of concurrent use of Tobacco products (Water Pipe and Cigarettes) and Associated Factors in Adults in Tehran

Zahra Hessami (TEHRAN, Islamic Republic of Iran), Mohammad Reza Masjedi, Mahshid Aryanpur, Afshin Hessami, Sogol Sobhani

Shadow report on violation of tobacco display and advertisement bans at points of sale 2016

Osman Elbek (STANBUL, Turkey), Murat Guner, Ummuhan Pece Sonmez, Elif Dagli, Tanzer Gezer, Fusun Y ld z

Assessment of Compliance to Framework Convention on Tobacco Control in Turkey

Osman Elbek (STANBUL, Turkey), Efza Evrengil, Fusun Y ld z, Murat Ceyhan, Tanzer Gezer, Murat Güner, Elif Dagli

12:50 - 14:40

Thematic Poster: General thoracic surgery

Chairs : Anne Olland (STRASBOURG, France), Chair to be confirmed

One year follow-up on pulmonary function for lobectomized patients.

Masanori Yokoba (Kanagawa, Japan), Tsuyoshi Ichikawa, Masashi Kasajima, Yasuhiro Hiyoshi, Yoshio Nakahara, Sakiko Otani, Tomoya Fukui, Satoshi Igawa, Hisashi Mitsufuji, Masaru Kubota, Jiichiro Sasaki, Masato Katagiri, Yukitoshi Satoh, Noriyuki Masuda, Mikiko Ishihara

Predictive factors of morbidity and mortality after surgical treatment of hepatic hydatid cyst with rupture into thorax

amina abdelkbir (ben arous, Tunisia), Hazem Zribi, Ahmed Ben Ayed, Mahdi Abdennadher, Sarra Zairi, Sarra Maazaoui, Adel Marghli, Hanen Smadhi

Concealed COPD diagnosis in candidates to thoracic surgery

Simone Scarlata (ROMA, RM, Italy), Simona Santangelo, Gilda Giannunzio, Raffaele Antonelli Incalzi

Diaphragmatic flap for primary repair in thoracic esophagectomy anastomotic leak

Alessandro Pardolesi (milan, Italy), Luca Bertolaccini, Jury Brandolini, Desideria Argnani, Stefano Sanna, Marta Mengozzi, Piergiorgio Solli

Operations Which Are Technical and Difficult to Resolve in Non-Small Cell Lung Cancer: Videothoroscopic Bi-lobectomies

Ozgur Ozturk (ZM R, Turkey), Kenan Can Ceylan, Onur Akcay, Seyda Ors Kaya

Bronchoscopic resection of endobronchial lipoma

Güven Sadi Sunam (KONYA, Turkey), MURAT ONCEL, FIKRET KANAT, HUSEYIN YILDIRAN

Video-assisted thoracoscopic surgical (VATs) biopsy in interstitial lung disease – experience in 3 Irish centres

Cliona O'Donnell (Dublin 4, Ireland), Cliona O'Donnell, Parthiban Nadarjan, Nathalie Doolan, Klara Doherty, Donna Eaton, Karen Redmond, Michael Tolan, David Healy, Aurelie Fabre

Reconstructive surgery of brachiocephalic artery to severe multiple handicapped children with central airway stenosis.

Masahiro Mitsuoka (Fukuoka, Japan), Shinzo Takamori, Masaki Kashihara, Koichi Yoshiyama, Yoshito Akagi

Benign metastasizing leiomyomas to the lungs.

Aleksey Reshetov (ST PETERSBURG, Russian Federation), Vasily Klimenko, Aleksey Elkin, Lubov Mitrofanova, Petr Konovalov, Irina Antonova, Dmitry Ermakov, Alexandr Luft

A Risk Stratification Model for Postoperative Complications following Video-Assisted Thoracic Surgery Lobectomy

Luca Bertolaccini (Ravenna, Italy), Desideria Argnani, Jury Brandolini, Alessandro Pardolesi, Piergiorgio Solli, Alessandra Criscione, Francesco Borrata, Marco Nardini, Enrica Monaco, Marcello Migliore

Surgical management of complicated pulmonary hydatid cysts: Report of 1749 cases

amina abdelkbir (ben arous, Tunisia), Hazem Zribi, Mohamed Messai, Mahdi Abdennadher, Hanen Smadhi, Sarra Maazaoui, Adel Marghli, Sarra Zairi

Pleural Empyema - Should we call the thoracic surgeon early?

Dionísio Joaquim de Castro Maia (Vila do Conde, Portugal), Dionísio Joaquim de Castro Maia, João Santos Silva, Ana Rita Costa, João Reis, Pedro Baptista, Paulo Calvino

Pleurectomy, decortication and hyperthermic chemotherapy in malignant pleural mesothelioma, a single institution experience

Ayse Gul Ergonul (Zmir, Turkey), Ali Ozdil, Tevfik Ilker Akcam, Kutsal Turhan, Alpaslan Cakan, Ufuk Cagirci

Metalloptysis after bilobectomy for lung cancer: Case report and literature review

Robin Parmar (Montreal, Canada), Nicole Ezer, Andreea Morogan

Cushing's syndrome as a first sign of lung carcinoid in radically operated patient- case report.

Anatoli Semkov (SOFIA, Bulgaria), Danail Petrov, Georgi Iankov

12:50 - 14:40

Thematic Poster: Post lung transplant outcomes research

Chairs : Claus Neurohr (Munich, Germany), Christophe Pison (Grenoble, France), Stijn Verleden (LEUVEN, Belgium)

Bronchial stenosis treatment after lung transplantation

Nikolay Nechaev (Moscow, Russian Federation), Alexander Inozemtsev, Sergey Golovinskiy, Vitaliy Poptsov, Sergey Gautier

Bronchial anastomotic complication in alpha1-antitrypsin deficiency

Jana Kleinerova (Dublin 8, Ireland), Andre Pozza, Lana Khorsheed, Sara Winward, Iain Lawrie, Karen Redmond, Donna Eaton, David Healy, Lars Nolke, David McSharry, Oisín O'Connell, Jim Egan

Effect of early Switch to Belatacept As Primary Immunosuppressive Regimen Among Calcineurin Inhibitor-Intolerant Lung-Transplant Recipients: A single-center series.

Olivier Brugière (Paris, France), Olivier Brugière, Vincent Bunel, Quentin Raimbourg, Marie-Noelle Peraldi, Gisèle Mourin, Deborah Sroussi, Gilles Jebrak, Gaëlle Dauriat, Brice Lortat-Jacob, Enora Thiery-Atchade, Sylvain Jean-Baptiste, Quentin Pellenc, Yves Castier, Gabriel Thabut, Hervé Mal

Arterial stiffness measurement on lung transplanted patients.

Renata Marietta Bocskei (Budapest, Hungary), Noemi Eszes, Zoltan Sutto, Eszter Csiszer, Gyorgy Losonczy, Veronika Muller, Gyorgy Lang, Ferenc Renyi-Vamos, Attila Cziraki, Aniko Bohacs

Quantitative Functional Respiratory Imaging may predict the mechanism of FEV1 Decline after Lung Transplantation

Wim Vos (Heist-op-den-Berg, Belgium), Eduardo Barbosa, Francisca Ferreira, Cedric Van Holsbeke, Wilfried De Backer, Jan De Backer, James Lee

Lung ultrasound for the diagnosis of post-operative complications after lung transplantation

Jesper Rømhild Davidsen (Odense C, Denmark), Jesper Rømhild Davidsen, Hans Henrik Lawaetz Schultz, Daniel Pilsgaard Henriksen, Martin Iversen, Anna Kalhauge, Jørn Carlsen, Michael Perch, Christian B. Laursen

Semiology of thoracic ultrasound (US) examination in lung transplant patients out of pulmonary complication.

Sylvain Droneau (Rouffiac-Tolosan, France), Elise Noel-Savina, Gavin Plat, Marlene Murriss, Aurelie Leborgne-Krams, Alain Didier

Could LDH monitoring after lung transplantation be used as screening tool for post-transplant lymphoproliferative disorder (PTLD)?

Andre Costa-Pozza (Dublin, Ireland), Jana Kleinerova, Lana F Korsheed, Sara Winward, Iain Lawrie, Margaret Hannan, Karen C Redmond, Donna Eaton, David Healy, Lars Nolke, Hossein Javadpour, David McSharry, Jim J Egan, Oisín J O'Connell

Chronic lung allograft disease: prevalence and FEV1 decline in a Brazilian lung transplant cohort.

Fernando M F Didier Neto (SAO PAULO/SP, Brazil), Andre N Costa, Andre L P Albuquerque, Joao M Salge, Priscila C L B Camargo

12:50 - 14:40

Thematic Poster: Lung function testing in different patient categories

Chairs : Karl Sylvester (Cambridge, United Kingdom), Monika Franczuk (Warszawa, Poland), Laurie Smith (Sheffield, United Kingdom)

Association between bronchial reactivity and body mass index

Gunta Strazda (RIGA, Latvia), Normunds Jurka, Dace Zentina, Immanuels Taivans

The influence of posture on the respiratory system resistance in eutrophic and obese subjects.

Mayara Holtz de Paula (Ribeirão Preto, Brazil), Larissa Perossi Nascimento, Daniele Oliveira dos Santos, Letícia Helena De Souza, José Antônio Baddini Martinez, Hugo Celso Dutra de Souza, Ada Clarice Gastaldi

Regional Pulmonary Ventilation analysis guided by Electrical Impedance Tomography in Morbid Obese Patients undergoing Videolaparoscopic Gastroplasty

Daniella Brandao (RECIFE/PE, Brazil), Christian Gonçalves, Sóstynes Albuquerque Silva, Camila Melo, Shirley Campos, Cyda Reinaux, Caio Morais, Norma Modolo, Armêle Dornelas de Andrade

Morbidly obese patients have altered respiratory mechanics when assessed by the Impulse Oscillometry System?

Darlan Matte (FLORIANOPOLIS/SC, Brazil), Raysa Venâncio, Renata Gonçalves, Camila Schivinski, Anamaria Mayer, Marlus Karsten

Clinical features of patients on a Barretts Esophagus registry screened for Obstructive Sleep Apnoea.

Peter Coss (Dublin 8, Ireland), D O Toole, N Ravi, M O Brien, N Clarke, P Lawlor, J O Sullivan, P Goodman, J Reynolds, AM McLaughlin

The Use of Respiratory Sounds for Automated Detection of Obstructive Pulmonary Disease: Do Lung Sound Labels Provide Value?

Richard Fletcher (Cambridge, United States of America), Daniel Chamberlain, yogesh Thorat, Vandana Vincent, Rahul Kodgule

The evaluation of frequency dependence of resistance using a patient-specific 3D physical model and a computational model

Marcia Soares (LEICESTER, United Kingdom), John Owers-Bradley, Brody Foy, David Kay, Salman Siddiqui

Is Fractional exhaled nitric oxide (FeNO) test reliable in the differentiation of chronic obstructive pulmonary disease (COPD) and ACOS (asthma-COPD overlap syndrome)?

Salma Mokaddem Mohsen, Sana Ben Jemaa, Dorra El Guiche, Khadija Ayed, Islem Latifa Hadj Khalifa, Saloua Ben Khamsa Jameleddine

Potential utility of the N2 VC SBW test in adult asthma

Sanna Kjellberg (Skara, Sweden), Emilia Viklund, Paul Robinson, Olle Zetterström, Anna-Carin Olin, Per Gustafsson

Assessment of lung function in patients with COPD using the Inspired Sinewave Technique

Richard Bruce (Abingdon, United Kingdom), Phi Anh Phan, Najib Rahman, Andrew Farmery, Edmund Pacpaco

Method of volumetric capnography in the evaluation of small airway function in patients with asthma

Irina Ponomareva (Ryazan, Russian Federation), Vladimir Abrosimov, Sergei Subbotin

Volume validation and correlation between electrical impedance measurements and pulmonary volumes

Cibelle Lima (RECIFE/PE, Brazil), Renata Souza, Catarina Rattes, Shirley Campos, Rodrigo Viana, Erika Andrade, Caio Morais, Armele Dornelas

Electrical impedance tomography: Intra and inter-rater reliability in healthy subjects.

Cibelle Lima (RECIFE/PE, Brazil), Catarina Rattes, Renata Souza, Shirley Campos, Erika Andrade, Rodrigo Viana, Paulo Magalhães, Armele Dornelas, Sóstyis Albuquerque

Does a screening spirometry test, on the ECC world COPD day 2015 at the Brussels European Berlaymont building, reveals tobacco influences' among their employees?

Daniel Schuermans (BRUXELLES, Belgium), Karl Sylvester, Sara McArthur, Geert Celis, Sven Verschraegen

The test of incremental respiratory endurance is significantly related to pulmonary function in COPD

Magno F. Formiga (MIAMI, United States of America), Michael A. Campos, Lawrence P. Cahalin, Kira Balestrini, Valerie Bagley, Landy Luna

Quality assurance of full polysomnography scoring using the American Academy of Sleep Medicine (AASM) inter-scoring reliability (ISR) program.

Adrian Hugh Kendrick (BRISTOL, United Kingdom), Mark Hardyman, Rachel Pickersgill, Nadine Pillinger, Bruno Santos

Outpatient initiation of long term domiciliary non-invasive ventilation in chronic stable type II respiratory failure

Richard Glover (BIRMINGHAM, United Kingdom), Julie Lloyd, Iyad Ismail

Vital Capacity after lung transplantation: a follow-up study

T.J. Provily (Nieuw-Lekkerland, Netherlands), L. De Ruiter, M.J.M. Horstman, M. Wapenaar-De Korver, C.J. Lammering, J.J. Van Weezel, R.A.S. Hoek, H.C. Hoogsteden

Will lung distension become a functional diagnostic criterion for COPD?

Ouafa Bouzekri (CONSTANTINE, Algeria), Mohamed kheireddine Bourahli, Mehdi Martani, Mohamed Bougrida

Visual analogue scores for interstitial lung disease: a prospective validation study

Helen Yates (Richmond, United Kingdom), Nick A Maskell, Charles Sharp

12:50 - 14:40

Thematic Poster: Lung function practice in daily life

Chairs : Daniel Schuermans (BRUXELLES, Belgium), Paul Burns (GLASGOW, United Kingdom), Julie Lloyd (BIRMINGHAM, United Kingdom), Maureen P. Swanney (Christchurch, New Zealand)

Safety of performing Spirometry in patients with Abdominal Aortic Aneurysm (AAA) and the utility of Forced Expiratory Volume in first second (FEV1) in predicting length of postoperative hospital stay.

Motty Varghese (Dublin 8, Ireland), Peter Coss, Alanna Martin, Orla Gavin, Prakash Madhavan, Rory O'Donnell

Measurement of lung distensibility in healthy children

Nidhal Gharbawi (LEICESTER, United Kingdom), Maria Viskaduraki, Erol Gaillard, Gregory Duncan, Caroline Beardsmore

Bronchodilator reversibility using Impulse Oscillometry to differentiate between asthma and COPD

Shweta Rasam (PUNE (MAHARASHTRA), India), Rahul Kodgule, Nitin Vanjare, Anurag Agarwal, Sundeep Salvi

Body plethysmography abnormal parameters in 1374 individuals with normal spirometry and negative bronchodilator test

Tiago António Queirós Jacinto (Senhora da Hora, Portugal), Ivania Goncalves, Rita Amaral, Ana Pereira, Luís Araújo, Mariana Couto, João Fonseca

OROFARINGEOUS DEPOSIT OF DRUGS ADMINISTERED BY DRY POWDER INHALERS.

Ana Fernandez-Tena (Oviedo (Asturias), Spain), Joaquin Fernandez-Francos, Cristina Martinez-Gonzalez, Pere Casan-Clara

Aerosol characteristics of a unique breath-actuated nebulizer

Ronnie Toddywala (Princeton, United States of America), Vijay Shukla, Michael Newhouse

1 Minute Sit-to-Stand Test versus 6 minutes walk test: methods of evaluating exercise capacity in COPD patients

Marius-Gabriel Sava (Rm Sarat, Romania), Catalin Geambasu, Daniela Jipa, Monica Chirea, Alina Croitoru, Stefan Dumitrache-Rujinski, Claudia Toma, Miron Bogdan

Can exercise during pregnancy increase lung function parameters? Results from PAMELA trial.

Fernando C. Wehrmeister (PELOTAS/RS, Brazil), Bruna C G da Silva, Ana Maria B Menezes, Andrea D Bertoldi, Mariangela F da Silveira, Diego G Bassani, Marlos R Domingues, Pedro C Hallal

Is a cardiopulmonary exercise test (CPET) associated with an increase in high sensitivity cardiac troponin T (hs-cTnT) levels in patients with COPD?

Christine Gudim Karlsen (Hakadal, Norway), Nils Henrik Holmedahl, Gunnar Einvik, Vidar Søyseth, Anne Edvardsen

Gastro-oesophageal reflux (GOR) during spirometry: prevalence and effects

Ming Yan Teo (Ultimo, NSW, Australia), Jerry Zhou, Vincent Ho, John Brannan

Training in Multiple Breath Washout (MBW) testing for bronchiectasis (BE) clinical trials.

Katherine O'Neill (BELFAST, United Kingdom), Katherine O'Neill, Michael M Tunney, J Stuart Elborn, Judy M Bradley

Spirometry measured broncho-constriction in patients attending cardiac exercise tolerance test

Khalid Gaber (Benghazi, Libya), Fatma Alagouri, Najat M Aloshibi

The prevalence of previously unrecognised respiratory pathology in patients attending for cardiac surgery

Sara McArthur (Edinburgh, United Kingdom), J. Alastair Innes

Prevalence of COPD suitable to lung volume reduction in a hospital-based lung function outpatient clinic

Cristina Lalmolda Puyol (Barcelona, Spain), Maribel Arranz, Ana Galera, Daniel Monserrate, Laura Vigil, Eduard Monso

Telemedicine for quality control of spirometry in primary care. Results 6 years after implantation in a public health system.

Nuria Marina Malanda (Leioa (Vizcaya), Spain), Victor Bustamante, Elena Lopez de Santa Marina, Nerea Aranguren, Josep Benavent, Nicolas Gonzalez, Juan B. Galdiz

Reference values of MostGraph (forced oscillation technique) for healthy Japanese adults

Wakaba Furuie (Tokyo, Japan), Junji Endo, Yoshio Otani, Yoichi Nakamura, Miho Akaza, Tetsuo Sasano, Yuki Sumi, Yasunari Miyazaki, Naohiko Inase

Reference values of spirometry for an adult local portuguese population

Sandra De Jesus Alberto De Carvalho (Vila Franca de Xira, Portugal), Paula Rosa, Anália Clérigo, Carina Silva

Comparison of the FEV1 value from five reference equations: ESCS 71|83|93, NHANES and GLI.

Susana Moreira (LISBOA, Portugal), Manuel Fernandes, Margarida Silva, Dina Escalreira, Richard Staats, João Valença, André Barros, Crisitina Bárbara

The simple way of lung membrane diffusion capacity and alveolar volume evaluation

Evgeny V Babarskov (Moscow, Russian Federation), Alexander Cherniak, Zaurbek Aisanov, Yury Shulagin, Alexander Chuchalin

12:50 - 14:40

Thematic Poster: Assessing functional outcomes in respiratory physiotherapy**Chairs :** Didier Saey (Québec, QC, Canada), Karina Couto Furlanetto (LONDRINA/PR, Brazil), Maria Koulopoulou (LONDON, United Kingdom)**Outcome measures used in pulmonary rehabilitation of Acute Exacerbation of COPD**

Ana Luisa Araújo Oliveira (Vila Nova de Famalicão, Portugal), Ana Luisa Araújo Oliveira, Alda Marques

The acute impact of exercise test on exhaled carbon monoxide rate

(), Sevgi Özalevli, Ouz K l nç

The assessment of dynamic balance using four square step test in COPD

Ali Yalman (Denizli, Turkey), Ugur Yanbal, Suleyman Gursoy, Orcin Tellî Atalay, Harun Taskin, Aysenur Yilmaz, Berna Ozturk

Maximal Exercise capacity as discriminatory factor to identify subjects with COPD as physical active/inactive: Preliminary results.

Igor Brito (LONDRINA/PR, Brazil), Antenor Rodrigues, Lorena P. Schneider, Karina C. Furlanetto, Nidia A. Hernandez, Fabio Pitta, Vanessa S. Probst

Which reference equation should be used to classify Brazilian patients with COPD as having poor six-minute walk distance?

Felipe Machado (Londrina, Brazil), Gianna W. Bisca, Andrea A. Morita, Antenor Rodrigues, Karina C. Furlanetto, Fabio Pitta, Nidia A. Hernandez

Dynapenia in COPD exacerbation: what is its relevance in clinical prognosis?

Anna Claudia Sentanin (SAO CARLOS/SP, Brazil), Fernanda Cristina de Sousa, Kamilla Tays Marrara Marmorato, Barbara Uliana, Valeria Amorim Pires Di Lorenzo, Juliano Ferreira Arcuri

The effects of dyspnoea in lung transplant candidates

Fatma Mutluay (Istanbul, Turkey), Esra Pehlivan, Arif Balç , Lütfiye K l ç

Impact of metabolic and ventilatory demand during activities of daily living on oxygen saturation and dyspnea

Marina Barusso-Grüninger (Tatuí/SP, Brazil), Marina Barusso-Grüninger, Júlia Gianjoppe-Santos, Valéria Pires Di Lorenzo

The effect of perceived exertion on balance in patients with chronic respiratory diseases

Katerina Neumannova (Olomouc, Czech Republic), Zdenek Svoboda, Miroslav Janura, Monika Zurkova, Vladimira Lostakova, Vladimir Koblizek, Nicolas Vuillerme

Reliability intra and inter-rater of a handheld dynamometer in COPD patients

Anna Claudia Sentanin (SAO CARLOS/SP, Brazil), Carina de Araujo Facio, Valeria Amorim Pires Di Lorenzo

Determinants of physical activity in individuals with lung cancer who has received chemotherapy: pilot study

Buse Ozcan Kahraman (Izmir, Turkey), Elvan Keles, Murat Keser, Meric Yildirim, Tubayavuzen, Didem Karadibak

Protection factors against inspiratory muscle weakness in patients on hemodialysis

RENATA SOUZA (RECIFE, Brazil), ANA MEDEIROS, DANIELLA BRANDÃO, CARLOS BARROS, HELEN FUZARI, ARMELE DORNELAS DE ANDRADE, PATRICIA MARINHO, FREDERICO CAVALCANTI

Timed up and go test: a potential objective test to evaluate mobility patients with pulmonary arterial hypertension

Buse Ozcan Kahraman (Izmir, Turkey), Ismail Ozsoy, Serap Acar, Ebru Ozpelit, Can Sevinc, Bahri Akdeniz, Sema Savci

ANALYSIS OF MUSCULAR ELECTRICAL ACTIVITY IN ASTHMATICS DURING DIFFERENT EXERCISE TESTS

Lucien Peroni Gualdi (NATAL/RN, Brazil), Jessica Diniz Cavalcanti, Nathalie Cortez, Layana Marques, Vanessa Resqueti, Guilherme Augusto de Freitas Fregonezi

An Evaluation of the Functional Capacity and Physical Activity Level in Patients with Breast Cancer

Cemile Bozdemir Ozel (Eskisehir, Turkey), Naciye Vardar Yagli, Asli Çakmak, Melda Saglam, Hazal Sonbahar, Deniz Inalince, Haluk Tekerlek, Ebru Calik Kutucu, Hulya Arikan

Fatigue and functional capacity in kidney transplant recipients before and after transplant.

Luciana Chiavegato (SAO PAULO/SP, Brazil), Fernanda R Santana, Rosimeire S Padula, Erika A B Suster

The use of the Nijmegen Questionnaire in assessment of breathing pattern disorders in COPD

Ruth De Vos (Southampton, United Kingdom), Eleanor Lanning, Thomas Jones, Daniel Neville, Jayne Longstaff, Claire Roberts, Anoop Chauhan

12:50 - 14:40

Thematic Poster: Implementation of respiratory physiotherapy interventions in clinical practice**Chairs :** Carlos Augusto Camillo (LONDRINA, Brazil), Elena Gimeno-Santos (BARCELONA, Spain), Shakila Devi Perumal (Chorley, United Kingdom), Stephanie K Mansell (Guildford, United Kingdom)**Mapping COPD care in primary care – professionals' perspective. A mixed methods study.**

Sara Lundell (Umeå, Sweden), Malin Tistad, Börje Rehn, Maria Wiklund, Åsa Holmner, Karin Wadell

Striving to improve the efficiency of our exercise service: A quality improvement project

Sarah Todd (London, United Kingdom), Sarah Akers

Across service differences in hospital based physiotherapy assessments for COPD patients

Brenda Deering (Dublin 9, Ireland), Eleanor McQuaid

Improving access to respiratory outreach services in an acute teaching hospital– a quality improvement project

Ciara Gleeson (Co. Kildare, Ireland), Maria Baily-Scanlan, Jenny Brady, Marian Broderick, Lorraine Dolan, Victoria Graham, Róisín Kennedy, Namucana Nyambe, Stephen Shelley

Respiratory physiotherapy – a clinical guideline

Linette Marie Kofod (Jyllinge, Denmark), Andreas Holst Andersen, Hanne Rohde, Lise Bernhard, Malene Mourier, Lone Schaadt, Signe Mogensen Versterre, Susan Warming, Susanne Nielsen

Rolling versus Cohort Pulmonary Rehabilitation – Which is Better!

Lynsey Wright (Weybridge, United Kingdom), Jennifer Steedman, Kate Cheema, Laura Cornish

QUALITY OF LIFE AND FUNCTIONALITY AFTER RENAL TRANSPLANT: A PHYSIOTHERAPY PROTOCOL.

Luciana Campanatti Palhares (Campinas, Brazil), Tais Caldeira Simoncini, Priscila Gabriely Da Silva Augusto, Fernanda DióRio Masi Galhardo, Marcelo Gustavo Pereira, Bruna Scharlack Vian, Monica Corso Pereira, Marilda Mazzali

Airway clearance techniques for patients with acute exacerbations of COPD – physiotherapy practice in Sweden.

Elisabeth Westerdahl (Orebro, Sweden), Christian Osadnik, Margareta Emtner

Respiratory physiotherapy practice in intensive care units: a survey study

Aslihan Cakmak (ANKARA, Turkey), Deniz Inal Ince, Melda Saglam, Naciye Vardar Yagli, Cemile Bozdemir Ozel, Hazal Sonbahar Ulu, Ebru Calik Kutucu, Hulya Arikan

Relevance of respiratory secretion related outcomes measures in palliative care

Juliano Ferreira Arcuri (Mogi-Mirim, Brazil), Nancy Preston, Flávia de Resende Luz, Valéria Amorim Pires Di Lorenzo

Rhythm and song: Breath management in Idiopathic Interstitial Pneumonias (IIP's). Pilot study.

Anne-Marie Russell (London, United Kingdom), Phoebe Cave, Karen Taylor, Adam Lewis, Nicholas S Hopkinson, Athol U Wells

Short-term effects of virtual reality and music with exercise training on affective responses and satisfaction level in patients with chronic respiratory disease

Haluk Tekerlek (ANKARA, Turkey), Naciye Vardar Yagli, Melda Saglam, Aslihan Cakmak, Cemile Bozdemir Ozel, Hazal Sonbahar Ulu, Ebru Calik Kutukcu, Deniz Inal Ince, Hulya Arikan, Lutfi Coplu

Respiratory Parameters and Exercise Capacity in Brass Instrument Players and Healthy Controls

Dilara Sen Saklica (ANKARA, Turkey), Deniz Inal-Ince, Melda Saglam, Naciye Vardar-Yagli, Ebru Calik-Kutukcu, Hulya Arikan

Biomass burning exposure on pulmonary function and inflammatory markers in individuals with COPD

Aline Ferreira (PRESIDENTE PRUDENTE/SP, Brazil), Ercy Mara Ramos, Marcelli Leite, Iara Trevisan, Natália Pontes, Mahara Proença, Dionei Ramos

Effects of upper extremity aerobic exercise training on functional exercise capacity, respiratory muscle strength and dyspnea in patients with pulmonary arterial hypertension: A preliminary report

Meral Bosnak Guclu (ANKARA, Turkey), Meral Boşnak Güçlü, Müberra Nur Keleş, Gülten Aydoğdu Taçoy, Atiye Çengel

Effects of neuromuscular electrical stimulation on functional exercise capacity, respiratory and peripheral muscle strength in patients with interstitial lung disease: A preliminary report

Meral Bosnak Guclu (ANKARA, Turkey), Meral Boşnak Güçlü, Müberra Nur Keleş, Deran Oskay, Haluk Türkta

Compensatory movement strategies during movements of the upper quadrant in patients with COPD

Joana Cruz (Albergaria-a-Velha, Portugal), Nuno Morais, Alda Marques

12:50 - 14:40

Thematic Poster: Airway clearance techniques and respiratory physiotherapy in the hospitalized patient

Chairs : Chris Burtin (Diepenbeek, Belgium), Joana Cruz (Albergaria-a-Velha, Portugal), Chair to be confirmed

Numerical model of air-mucus interactions in a bronchus

Benjamin Mauroy (NICE, France), Haribalan Kumar

European survey of the clinical use of mechanical insufflation-exsufflation in children with neuromuscular disorders.

Brit Hov (OSLO, Norway), Tiina Andersen, Vegard Hovland, Michel Toussaint

Bubble-positive expiratory pressure improves sputum clearance in people with bronchiectasis: a randomised crossover trial

Mary Santos (Randwick, NSW, Australia), Maree Milross, David McKenzie, Jennifer Alison

M-mode sonography of diaphragmatic motion in order to set the cough-assist machine in the uncooperative patients

Angelo Longoni (Mariano Comense, Italy), Antonio Paddeu, Dionigi Mangiacasale, Paolo Pozzi, Laura Cattaneo, Mariele Vago, Albino De Marco

Effects of air stacking technique on peak expiratory flow and peak cough flow in patients undergoing non-cardiac thoracic surgery

Luciana Chiavegato (SAO PAULO/SP, Brazil), Renata J Teodoro, Marcela M M F Almeida, Sonia M Faresin

Physiological study about advantages of monitoring mechanical assisted cough

Cristina Lalmolda Puyol (Barcelona, Spain), Héctor Prados, Georgina Mateu, Mariona Noray, Xavier Pomares, Manel Luján

Evaluating the use of the CoughAssist E70 by inpatient physiotherapists

Rebecca Davies (London, United Kingdom), Abigail Roberts, Stephanie K Mansell

A Comparison of Intrapulmonary Percussive Ventilation and conventional Chest Physical Therapy for COPD patients hospitalized for acute exacerbation

Kobi (Jacob) Dagan (Tzorán, Israel), Michael J Segel, Eliezer Carmeli

SAFETY AND EFFECTIVENESS OF VENTILATOR HYPERINFLATION, ASSOCIATED OR NOT TO MANUAL ABDOMINAL COMPRESSION, IN CRITICALLY ILL PATIENTS UNDER MECHANICAL VENTILATION

Luciana Vieira (BRASÍLIA/DF, Brazil), Vinicius Silva, Maria Emilia Guimarães, Gilmara Hussey, Joana Castro

Impact of body position on oxygenation of patients with unilateral pleural effusion.

Stylianios Michaelides (ATHENS, Greece), Avgerinos-Romanos Michailidis, George Bablekos, Chrysoula Maniou, Antonis Analitis

Serial rapid shallow breathing index as predictor of weaning in tracheostomized patients

Tassiane Batista de Souza (Rio de Janeiro, Brazil), Fernanda Silva, Katia Torres, Marcela Pereira, Kelly Cortes, Giovanna Carvalho, Monica Cruz, Marcelle De Sousa Dias

Is handgrip strength a simple surrogate determiner for global, upper, and lower limb strength in critically ill patients?

Seher Özyürek (ZMİR, Turkey), Seher Özyürek, Devrim Can Saraç, Sema Savcı, Uğur Koca, Bilgin Cömert, Necati Gökmen

Validity Of Physical Function ICU Test-scored (PFIT-s) Early Period After Major Abdominal Surgery

Ersin Avci (Izmir, Turkey), Sema Savci, Didem Karadibak, Hulya Arıkan

Pulmonary complications and hospital stay length in elderly patients submitted to aortic stenosis correction: does frailty matters?

Marlus Karsten (FLORIANOPOLIS/SC, Brazil), Rosangela Melo, Gustavo Ribeiro, Darlan Matte, Mauro Pontes

Comparison of Patients According to Walking Distance Early Period After Major Abdominal Surgery

Ersin Avci (Izmir, Turkey), Sema Savci, Didem Karadibak, Hulya Arıkan

Daily Physical Activity as an Outcome Measure for Pulmonary Rehabilitation in Patients Undergoing Thoracoscopic Lung Cancer Surgery.

Yuta Takahashi (Tokyo, Japan), Fumitsugu Kojima, Nanami Kato, Daisuke Okamura, Nobuyuki Yoshiyasu, Yuya Ishikawa, Toru Bando, Sakura Tamaki

Physiotherapy intervention is safety in early postoperative patients after cardiac surgery?

Mauro Takei (Mogi das Cruzes, Brazil), Emilia Nozawa, Mayson Laercio Sousa, Cyalmê Melo, Filomena Galas, Ludmila Hajjar, Maria Ignes Feltrim

Sleep disturbances, psychological conditions and severity symptoms during hospitalization due to AECOPDLaura Lopez Lopez (GRANADA, Spain), Marie Carmen Valenza, Irene Torres Sanchez, Irene Cabrera Martos, M^a Paz Moreno Ramirez, Araceli Ortiz Rubio**Results between two electrostimulation modalities in AECOPD patients**Laura Lopez Lopez (GRANADA, Spain), Marie Carmen Valenza, Irene Torres Sanchez, Irene Cabrera Martos, M^a Paz Moreno Ramirez, Araceli Ortiz Rubio

12:50 - 14:40

Thematic Poster: Assessing pulmonary and extra-pulmonary function in chronic disease**Chairs :** Agnieszka Lewko (LONDON, United Kingdom), Alda Sofia Pires De Dias Marques (Aveiro, Portugal), Andre Nyberg (Umeå, Sweden), Tania Janaudis-Ferreira (Montréal, QC, Canada)**Physical activity evaluation in non-cystic fibrosis bronchiectasis patients**

Victoria Alcaraz Serrano (BARCELONA, Spain), Elena Gimeno-Santos, Edmundo Rosales-Mayor, Eva Polverino, Adrià Navarro-Puigdevall, Rosanel Amaro-Rodriguez, Antoni Torres

Comparison of physical activity level, activities of daily living, and depression between the patients with asthma and bronchiectasis

Seda Saka (STANBUL, Turkey), Özge Ozalp, Ebru Çalkütükçü, Deniz Nalın, Melda Sağlam, Naciye Vardar Yaşar, Meral Boşnak Güçlü, Hülya Arıkan, Lütfi Çöplü, Sema Savcı

Validity of the Brief physical activity assessment tool for clinical use in COPD

Joana Cruz (Albergaria-a-Velha, Portugal), Cristina Jácome, Alda Marques

Pulmonary functions, respiratory muscle strength and motor skills in children with down syndrome: a comparative study

Ünal Değer (Famagusta, Cyprus), Ünal Değer, Selma Uzuner, Emine Handan Tuzun, Levent Eker, Serpil Mihcioglu, Mehtap Malkoc

Pulmonary function and respiratory muscle strength and endurance in individuals with Thoracic Outlet Syndrome

Melda Saglam (ANKARA, Turkey), Tuzun Firat, Naciye Vardar-Yagli, Deniz Inal-Ince, Ebru Calik-Kutukcu, Kevanç Delioğlu, Cigdem Ayhan, Hulya Arikan, Cabir Yuksel, Ayten Kaygıncı

The effect of Parkinson's disease on respiratory capacity

Katerina Neumannova (Olomouc, Czech Republic), Martina Slachtova, Dagmar Dupalova, Radmil Dvorak

Impact of bariatric surgery on cardiopulmonary responses during exercise in obese adults

Larissa Delgado André (São José do Rio Preto, Brazil), Paula Angélica Ricci, Lívia Pinheiro Carvalho, Ramona Cabiddu, Ana Cláudia Silva Farache, Luciana Di Thommazo-Luporini, Soraia Pilon Jurgensen, Claudio Ricardo Oliveira, José Carlos Bonjorno, José Michel Haddad, Audrey Borghi-Silva, Renata Basso-Vanelli

The relations between respiratory muscles strengths and exercise capacity in patients with ankylosing spondylitis

Orçin Telli Atalay (DENİZLİ, Turkey), Orçin Telli Atalay, Harun Taşkın, Elif Gür Kabul, Bilge Başakç, Çalın, Ali Hısan Yıldız, Ummuhan Bas Aslan, Murat Taşkın, Fahrettin Başakç

Maximal exercise capacity and quality of life in allogeneic hematopoietic stem cell transplantation recipients

Gülşah Baran (ANKARA, Turkey), Meral Bosnak Guclu, Sahika Zeynep Aki, Gulsan Turkoz Sucak

Pulmonary and extra-pulmonary characteristics in two distinct type of hematologic malignancies

Gülşah Baran (ANKARA, Turkey), Meral Bosnak Guclu, Sahika Zeynep Aki, Gulsan Turkoz Sucak

Mood, quality of life and functional exercise capacity in patients with lung cancer and comorbid hypertension

Maria Tereza Morano (FORTALEZA/CE, Brazil), Mariana A. B. Duailibe, Amanda S. Araújo, Ingrid C. Nogueira, Cyntia Maria S. Viana, Daniela G. B. Mont'Alverne, Eanes D. B. Pereira, Rafael Mesquita, Manoel O. Moraes Filho

Lung sounds intensity: can we rely on recordings at spontaneous airflow?

Cristina Isabel Oliveira Jácome (Viatodos, Portugal), Cristina Isabel Oliveira Jácome, Juan Carlos Aviles-Solis, Alda Marques, Hasse Melbye

Autonomic function in subjects with severe COPD

Jibril Mohammed (Ghent, Belgium), Eric Derom, Tine De Backer, Jessica Van Oosterwijck, Bihiyya Salhi, Hellen Da Silva, Patrick Calders

Inter-rater reliability for ten maximal repetition test with elastic resistance

Carina Araujo De Facio (SÃO CARLOS/SP, Brazil), Anna Cláudia Sentanin, Valéria Amorim Pires Di Lorenzo

Test-retest reliability of a hand-held dynamometer for quadriceps isometric maximal voluntary contractions measurements in COPD: a multicenter Canadian validation study

Kim-Ly Bui (Quebec City, Canada), Sunita Mathur, Pat Camp, Gail Dechman, François Maltais, Didier Saey

Relationship between handgrip strength, peripheral muscle strength and respiratory muscle endurance in patients with Fibromyalgia Syndrome (FMS)?

Darlan Matte (FLORIANÓPOLIS/SC, Brazil), Natasha Melian, Joaquim Branco, Alexandro Andrade, Dayane Montemezzo, Renata Gonçalves

Relationship between upper extremity functions and balance in individuals with pulmonary arterial hypertension

Buse Ozcan Kahraman (Izmir, Turkey), Ismail Ozsoy, Serap Acar, Ebru Ozpelit, Can Sevinc, Bahri Akdeniz, Sema Savci

The relationship between pain and exercise capacity, peripheral muscle strength, and quality of life in individuals with pulmonary arterial hypertension

Buse Ozcan Kahraman (Izmir, Turkey), Ismail Ozsoy, Serap Acar, Ebru Ozpelit, Can Sevinc, Bahri Akdeniz, Sema Savci

12:50 - 14:40

Thematic Poster: Patient experience, smoking cessation and new ways of working

Chairs : Sheree M.S. Smith (Sydney, NSW, Australia), Samantha Prigmore (LONDON, United Kingdom), Geraldine Burge (Solihull, United Kingdom), Carme Hernandez Carcereny (Barcelona, Spain)

Chronic obstructive lung disease (COPD) and long term oxygen treatment

Selman celik (İSTANBUL, Turkey)

A systematic review of nursing interventions for breathlessness in COPD

Simen Alexander Steindal (Oslo, Norway), Trine Oksholm, Henny Torheim, Vivi Lycke Christensen, Kathryn Lee, Anners Lerdal, Heidi Øksnes Markussen, Gerd Gran, Marit Leine, Christine Råheim Borge

A meta-synthesis of experiences of caregivers of people with COPD

Dhurata Ivziku (ROMA, RM, Italy), Marco Clari, Maria Matarese

Unmet needs of people with COPD: an interpretive synthesis of qualitative research

Marco Clari (TORINO, TO, Italy), Riccardo Casciaro, Maria Matarese, Dhurata Ivziku

Patient knowledge on COPD

Dhurata Ivziku (ROMA, RM, Italy), Marco Clari, Maria Matarese

Patient preference and experience with control of sleep apnea treatment using written evaluation

Kirsten Hald Nielsen (Fåborg, Denmark), Bettina Nissen Pedersen, Anne Dichmann Sorknaes

Fast-track Pneumonia Pathway - with a focus on early progressive mobilization. A feasibility Study

Lise Clausen (HILLERØD, Denmark), Mette Børgesen, Pernille Ravn, Tom Møller

Smoking cessation and weight gain

Silvia Arranz Alonso (Madrid, Spain), Paz Vaquero Lozano, Segismundo Solano Reina, Teresa Lopez Ruiz, Raquel Solano García-Tenorio, Margarita Izquierdo Nazar

Supporting recruitment of community pharmacies for STOP intervention training

Wai Yee James (LONDON, United Kingdom), Stephanie Taylor, Sandra Jumbe, Vichithranie Madurasinghe, Ratna Sohanpal, Elizabeth Steed, Sandra Eldridge, Chris Griffiths, Robert Walton

Evaluation of the knowledge of the nurses of the health care network of a city in Brazil on the treatment for smoking cessation

Ilda De Godoy (BOTUCATU/SP, Brazil), Ana E Oliveira, Irma Godoy

Confidence among respiratory and non-respiratory ward staff in administering oxygen therapy

Syed Fayyaz Hussain (Kettering, United Kingdom), Nur Najah Binti Mahmood, Maheen Gill

The role of nurses in team work: safety of the patients in interventional bronchoscopy

Aleksandra Trupkovic (Duga Resa, Croatia), Andreja Sajnic, Vida John

Development and validation of respiratory nurse's opinion about nursing standardized language, care plans and conceptual models: MOCMEL Survey

Silvia Arranz Alonso (Madrid, Spain)

13:00 - 14:00

Meet the expert: ME8 Selection criteria in marginal lung cancer candidates

Aims : To increase awareness about the expanding pool of marginal candidates for lung cancer surgery. This pool includes patients with moderate to severe COPD, septuagenarians and octogenarians, patients with previous coronary surgery or stenting, and patients with previous pleural empyema or persisting intrapulmonary infection. Patients with a lung cancer recurrence also belong to this group. Adequate preoperative work up includes several medical specialties. The overall aim of the presentation is to provide an updated overview of the classical and novel technological tools that facilitate the preoperative selection of patients who are unfit for surgery.

Track(s) : Lung cancer

Target audience : Allied health professional, Anaesthesiologist, Cardiologist, Clinician, Junior member, Oncologist, Pulmonologist, Resident, Respiratory physician, Thoracic surgeon, Trainee

Chairs : Chair to be confirmed

13:00 Selection criteria in marginal lung cancer candidates
Dragan R. Subotic (Basel, Switzerland)

13:00 - 14:00

Meet the expert: ME5 Update on community-acquired pneumonia

Aims : To review and discuss the current literature on community-acquired pneumonia. The main topics include (1) key pathogens, (2) site of care issues, (3) diagnosis, and (4) treatment, including both antimicrobial and adjunctive measures.

Track(s) : Respiratory infections

Tag(s) : Clinical

Target audience : Clinician, Emergency medicine doctor, Epidemiologist, Fellow, General practitioner, Immunologist, Intensivist/critical care physician, Junior member, Microbiologist, Researcher, Resident, Respiratory physician, Scientist, Student, Trainee

Chairs : Lieuwe Bos (Amsterdam, Netherlands)

13:00 **Update on community-acquired pneumonia**
Lionell Mandell (Toronto, Canada)

13:00 - 14:00

Meet the expert: ME6 Heart failure-COPD overlap and cardiovascular responses to exercise: a cardiologist's perspective

Aims : COPD and chronic heart failure (CHF) coexist in approximately one of three elderly patients with a primary diagnosis of either disease. Despite this, the pathophysiological consequences of the COPD-CHF overlap remain to be clarified. The aim of this Meet the Expert session is to provide a comprehensive understanding of the pathophysiological consequences of this overlap.

Track(s) : **Chronic airway diseases** Exercise, rehabilitation and physiology

Tag(s) : Clinical

Target audience : Cardiologist, Clinician, Physiologist, Physiotherapist, Pulmonologist, Respiratory physician, Respiratory therapist

13:00 **Heart failure-COPD overlap and cardiovascular responses to exercise: a cardiologist's perspective**
Piergiuseppe Agostoni (Milan, Italy)

13:00 - 14:00

Meet the expert: ME7 High altitude medicine

Aims : To better understand the immediate adjustments and acclimatisation mechanisms to high altitude. These adjustments are known to involve the respiratory and cardiovascular systems. However, recent studies show that high altitude also affects the cerebral vascular system and cognition. The relevance of hypoxia-induced changes in respiratory diseases will be discussed.

Track(s) : **Interstitial lung disease and vascular disease** **Acute and chronic respiratory failure/sleep**

Tag(s) : Basic translational science

Target audience : Anaesthesiologist, Cardiologist, Clinician, Emergency medicine doctor, Fellow, General practitioner, Intensivist/critical care physician, Junior member, Physiologist, Radiologist, Researcher, Scientist

Chairs : Sébastien Baillieux (Echirolles, France)

13:00 **High altitude medicine**
Samuel Vergès (Grenoble, France)

13:00 - 14:15

Assembly members' meeting: Assembly 1 Clinical

Aims : The meeting will host the ceremony for the ERS Assembly Lifetime Achievement Award.

Chairs : Felix J.F. Herth (Heidelberg, Germany), Venerino Poletti (Forlì, Italy)

13:00 - 14:15

Assembly members' meeting: Assembly 3 Cell and molecular biology

Chairs : Pieter S. Hiemstra (Leiden, Netherlands), Catherine Greene (Dublin, Ireland)

13:00 - 14:15

Assembly members' meeting: Assembly 5 Airway diseases

Chairs : Ian M. Adcock (London, United Kingdom), Antonio Spanevello (Milan, Italy)

13:00 - 14:15

Assembly members' meeting: Assembly 7 Paediatrics

Aims : The following prizes will be presented during the meeting:

ERS Assembly Lifetime Achievement Award

ERS Grant for Best Abstract in Paediatric Respiratory Physiology

ERS Grant for Best Abstract in Paediatric Cystic Fibrosis

ERS Grant for Best Abstract in Paediatric Respiratory Epidemiology

Chairs : Fabio Midulla (Roma, Italy), Jonathan Grigg (London, United Kingdom)

13:00 - 14:30

Lunchtime session: How to train the next generation

Aims : Education, certification, and training programmes are popping up everywhere. National options compete with international organisations to train the next generation. But what exactly does the next generation want? Different education options will be presented and discussed.

Tag(s) : Clinical**Target audience :** Educationalist, Fellow, General practitioner, Junior member, Oncologist, Pathologist, Pulmonologist, Resident, Scientist, Student, Trainee**Chairs :** Agnes W. Boots (Maastricht, Netherlands), Nicolas Kahn (Heidelberg, Germany)**13:00** **What the ERS can offer the next generation**
Gernot G.U. Rohde (Frankfurt am Main, Germany)**13:25** **Stimulation-based learning**
Lars Konge (Virum, Denmark)**13:47** **E-learning: everything through the web?**
Frans H.C. De Jongh (Enschede, Netherlands)**14:09** **Courses – observation – evaluation**
Laurence M.M.J. Crombag (Huizen, Netherlands)

13:00 - 14:30

Lunchtime session: ERS/JAMA joint lunchtime session: "New research in asthma and COPD"**Aims :** 1. Understand the need to re-evaluate the diagnosis of asthma among patients with previously diagnosed adult-onset asthma
2. Understand the benefits of home noninvasive positive-pressure ventilation among patients with severe COPD and chronic hypercapnea following hospitalization for COPD exacerbation
3. Understand the role of home allergen-reduction interventions for children and adolescents with asthma.**Target audience :** Clinician, Public health official**Chairs :** George O'Connor (Boston, United States of America), Mario Cazzola (ROMA, RM, Italy)**13:00** **Re-evaluation of asthma diagnosis in patients with adult-onset asthma**
Shawn Aaron (Ottawa, ON, Canada)**13:30** **Home noninvasive ventilation for patients with severe COPD**
Nicholas Hart (London, United Kingdom)**14:00** **Home allergen reduction in the treatment of asthma**
Elisabeth Matsui (Baltimore, United States of America)

13:00 - 14:00

Patient forum: Talking about smoking cessation with respiratory patients**Aims :** Many common respiratory diseases are caused or worsened by tobacco smoking and evidence indicates that symptoms, prognosis and quality of life improve upon quitting. Nevertheless, a large number of people living with a lung condition continue to smoke because they do not want to quit, or have found it difficult to do so. Smoking cessation offers many positive health benefits for the individual. A smoker's carbon monoxide levels return to normal within a day of quitting, while long-term benefits include improved lung function and longer life expectancy. In order to support more people with a lung condition to quit successfully, healthcare professionals in primary and secondary care must be equipped to discuss smoking cessation with their respiratory patients. Although many healthcare professionals find it difficult to approach the topic of smoking cessation with their patients, and many patients struggle to find the self-confidence and motivation to quit, a focus on positive health and social benefits within smoking cessation discussions offers an empowering approach to support patients to quit. Incorporating both professional and patient perspectives, this session will explore current evidence of what interventions are most effective in helping respiratory patients to stop smoking, how to employ positive messaging, and how smoking cessation can be approached with smokers who find it difficult to quit with standard methods.**Tag(s) :** Smoking prevention and cessation (HLfL)**Target audience :** Pulmonologist, Emergency medicine doctor, Respiratory therapist, Respiratory physician, Researcher, General practitioner, Nurse, Trainee, Allied health professional**Chairs :** Carlos Andres Jimenez Ruiz (Madrid, Spain), Stefania Vallone (Orbassano, Italy)**What interventions are most effective in helping respiratory patients to stop smoking?**
Isabel Saraiva (Cascais, Portugal), Paraskevi Katsaounou (Athens, Greece)**13:00** **Introduction**
Stefania Vallone (Orbassano, Italy), Carlos Andres Jimenez Ruiz (Madrid, Spain)

14:30 - 16:00

Professional development workshop: PDW6 Be an Effective Team Leader and Member

Aims : Participants will increase their ability to:

- Identify characteristics of effective and ineffective teams, team leaders and team members
- Identify their own and other's style of team interaction and how to bridge across styles
- Utilize skills in relationship building, managing differences, building trust, and collaboration
- Collaboratively lead and participate in healthcare teams

What Makes a Healthcare Team Effective?- Experiential team exercise: Helicopter Escape- Identifying characteristics of high performing healthcare teams, leaders, and players- Barriers to healthcare team development: excess turf protection, dominant personalities, stagnation, misaligned incentives- Discussion: What are the biggest challenges you face in building a team in your healthcare setting?
Louellen N. Essex (Wayzata, United States of America)

Stages of Team Development and How to Lead and Participate Effectively through Each: Emotions, Behaviors and Tasks1. Form- Establishing goals, roles, and ground rules for interaction- Building relationships and dealing with hierarchy of positions- Identifying yours and others' preferred style: Thinker, Doer, Feeler, and Intuitor- Self-assessment checklist: What is your preferred style?
Louellen N. Essex (Wayzata, United States of America)

Stages of Team Development and How to Lead and Participate Effectively through Each: Emotions, Behaviors and Tasks2. Storm- Managing conflict and learning to jointly solve problems- Effectively listening and responding- Creating an open communication environment to prevent mishaps- Raising issues with one another while minimizing defensiveness- Skill practice exercise in raising issues: What would you say and do in these situations? • When a team member misses deadlines • A team member is disrespectful toward other team members • A team member is about to make a mistake
Louellen N. Essex (Wayzata, United States of America)

Stages of Team Development and How to Lead and Participate Effectively through Each: Emotions, Behaviors and Tasks3. Norm- Avoiding complacency- Evaluating the team's processes • The "Teamability" Questionnaire – a tool to use with your own team- Making sure productivity is on track - Creating a motivating work environment through support and recognition
Louellen N. Essex (Wayzata, United States of America)

Stages of Team Development and How to Lead and Participate Effectively through Each: Emotions, Behaviors and Tasks4. Perform- Stretching goals- Continually improving and learning
Louellen N. Essex (Wayzata, United States of America)

Q and A
Louellen N. Essex (Wayzata, United States of America)

Action Planning: How will we apply what we've learned?
Louellen N. Essex (Wayzata, United States of America)

14:30 - 16:50

Skills workshop: SW11 Cardiopulmonary exercise test interpretation: tips and pitfalls

Aims : To identify "typical" patterns of response to cardiopulmonary exercise testing and to show how to discriminate these from "anomalous" response profiles that can cause misinterpretation of test results.

Track(s) : Exercise, rehabilitation and physiology

Tag(s) : Basic translational science

Target audience : Allied health professional, Cardiologist, Fellow, Lung function technician, Physiologist, Physiotherapist, Pulmonologist, Researcher, Respiratory physician, Respiratory therapist, Scientist, Student

Chairs : Susan Ward (Crickhowell, United Kingdom)

Introduction

Oxygen uptake: relationship between work and uptake rate
Richard Casaburi (Rancho Palos Verdes, United States of America)

Anaerobic/lactate threshold
Harry Rossiter (Hermosa Beach, United States of America)

Breathing pattern and dynamic hyperinflation
Denis O'Donnell (Kingston, ON, Canada)

Ventilatory efficiency
Paolo Onorati (Alghero, Italy)

14:30 - 16:50

Skills workshop: SW12 Endoscopy

Aims : To provide a comprehensive overview of and provide skills training in different endoscopic procedures.

Tag(s) : Clinical

Target audience : Clinician, Fellow, Junior member, Oncologist, Pulmonologist, Respiratory physician, Respiratory therapist, Thoracic endoscopist

Chairs : Felix J.F. Herth (Heidelberg, Germany)

Introduction

Endoscopic lung volume reduction with valves

Sebastian Fernandez Bussy (SANTIAGO, Chile)

Targeted lung denervation

Dirk-Jan Slebos (Groningen, Netherlands)

Stenting

Alexander Chen (St. Louis, United States of America)

Endobronchial ultrasound

Lars Konge (Virum, Denmark)

14:45 - 16:45

Symposium: Precision medicine approaches in lung cancer

Aims : To present the recent developments in our understanding of the pathogenesis and precision therapy of lung cancer. The symposium will focus in particular on signalling and the immunological and genetic alterations in lung cancer.

Track(s) : Lung cancer

Tag(s) : Clinical, Basic translational science

Target audience : Allied health professional, Clinician, General practitioner, Immunologist, Junior member, Nurse, Oncologist, Pathologist, Patient, Pharmaceutical industry representative, Psychologist, Pulmonologist, Radiologist, Researcher, Resident, Respiratory physician, Scientist, Student, Thoracic endoscopist, Thoracic surgeon, Trainee

Chairs : Philipp A. Schnabel (Homburg/Saar, Germany), Celine Mascaux (Marseille, France)

14:45 **What can we learn from the biology of premalignant neoplasia for cancer prevention?**
Avrum Spira (Boston, United States of America)

15:15 **Molecular pathology and precision medicine for lung cancer**
Giulio Rossi (Modena, Italy)

15:45 **Precision medicine for lung cancer: new targeted treatments**
Thierry Berghmans (BRUXELLES, Belgium)

16:15 **Genetic heterogeneity and neoantigens in lung cancer: implications for next-generation immunotherapy**
Thomas Wehler (Homburg/Saar, Germany)

14:45 - 16:45

Symposium: Clinical impact of nontuberculous mycobacterial (NTM) disease

Aims : The aims of this symposium are (1) to review the current state of knowledge about NTM disease, with a specific focus on issues that are relevant for clinicians; (2) to highlight recent advances in NTM disease, with an emphasis on disease prevention and patient management; (3) to identify the direction and priorities of current NTM disease research efforts, with an emphasis on patient management issues; and (4) to identify the short- and long-term goals in expanding NTM lung disease knowledge and the paths that will achieve those goals.

Track(s) : Respiratory infections

Tag(s) : Clinical

Target audience : Clinician, Fellow, General practitioner, Junior member, Microbiologist, Paediatrician, Patient, Pulmonologist, Researcher, Respiratory physician, Scientist, Student, TB specialist, Trainee

Chairs : David E. Griffith (Tyler, United States of America), Charles Haworth (CAMBRIDGE, United Kingdom)

14:45 **Ceremony for the ERS Research Award: Innovation in Non-Tuberculous Mycobacteria Science and Medicine**
Stefano Aliberti (Milan, Italy)

14:55 **Microbiological diagnosis of NTM pulmonary disease**
Jakko van Ingen (Nijmegen, Netherlands)

15:22 **How to assess and manage the co-isolation of NTM with other potential respiratory pathogens**
Timothy Aksamit (Rochester, United States of America)

15:50 **New treatment strategies for NTM disease**
Michael Loebinger (London, United Kingdom)

16:18 **The natural history of untreated NTM lung disease: a global perspective**
Won-Jung Koh (Seoul, Republic of Korea)

14:45 - 16:45

Symposium: State of the Art Session: Acute and chronic respiratory failure/sleep

Aims : This session will provide state of the art lectures on topic related to acute and chronic respiratory failure and sleep. Specific topic to be addressed:

* New insights in the pathophysiology, diagnosis and treatment of ARDS

* New insights in the role of high flow nasal oxygen and noninvasive ventilation in the treatment of acute hypoxemic failure. Specific patient populations will be discussed including immunocompromised patients, patients with hypoxemia after extubation and postsurgical patients.

* New insights in the the role of noninvasive ventilation in the treatment of chronic respiratory failure and OSAS

Track(s) : Acute and chronic respiratory failure/sleep

Tag(s) : Clinical

Target audience : Clinician, Emergency medicine doctor, Fellow, General practitioner, Patient, Pulmonologist, Respiratory physician, Respiratory therapist, Scientist, Sleep specialist/technologist, Trainee, Intensivist/critical care physician

Chairs : Ezgi Özyilmaz (ADANA, Turkey), Paolo Navalesi (Milan, Italy)

14:45 **Acute respiratory distress syndrome**
Nicole Juffermans (Amsterdam, Netherlands)

15:15 **Noninvasive ventilation and HFNO in the treatment of acute hypoxemic failure?**
Stefano Nava (Bologna, Italy)

15:45 **NIV for chroninc respiratory failure**
Wolfram Windisch (Cologne, Germany)

16:15 **Obstructive sleep apnea**
Eva Lindberg (Uppsala, Sweden)

14:45 - 16:45

Grand Round: GR6 Paediatric Ground Round: an interactive session

Paediatric clinical cases

Aims : The aim of the Paediatric Ground Round is to present paediatric cases with respiratory problems and with typical and difficult questions. The audience will be engaged in discussions about the best clinical care and will receive an update in paediatric respiratory medicine.

Track(s) : Chronic airway diseases Respiratory infections

Tag(s) : Paediatric

Target audience : Clinician, Emergency medicine doctor, Fellow, General practitioner, Junior member, Neonatologist, Paediatrician, Pulmonologist, Researcher, Resident, Scientist, Student, Trainee

Chairs : Raffaella Nenna (Roma, Italy), Petr Pohunek (Prague, Czech Republic)

14:45 **Severe acute dyspnoea in a 13-year old girl**
Ismé M. de Kleer (Rotterdam, Netherlands)

15:15 **It's not all asthma**
Julie Duncan (London, United Kingdom)

15:45 **A premature baby with severe respiratory distress**
Marie Wright (Edinburgh, United Kingdom)

16:15 **Does this patient have cystic fibrosis?**
Tuba Kockar (STANBUL, Turkey)

14:45 - 16:45

Session: ERS/JRS joint session "Ethnic differences and its clinical impact on respiratory diseases in Europe and Japan"

Aims : Ethnic differences in clinical behavior of respiratory diseases including ILD, COPD and interventional pneumology were reported. These differences may strongly affect the variety of the diagnosis and therapy in each country. It is beneficial for researchers as well as clinicians to understand the differences. The valuable discussion by the speakers and audience from ERS and JRS will be expected.

Tag(s) : Clinical**Target audience :** Clinician, General practitioner, Junior member**Chairs :** Bruno Balbi (Veruno, NO, Italy), Yasuhiko Nishioka (Tokushima, Japan)**14:45** **Acute respiratory distress syndrome: the Japanese perspective**
Sadatomo Tasaka (Tokyo, Japan)**15:15** **Acute respiratory distress syndrome: the European perspective**
Giacomo Grasselli (Milan, Italy)**15:45** **Interstitial lung disease: the Japanese perspective**
Yasuhiro Kondoh (Seto, Aichi, Japan)**16:15** **Interstitial lung disease: the European perspective**
Speaker to be confirmed

14:45 - 16:45

Session: Joint ERS/ESSD session: When respiratory diseases meet swallowing disorders**Aims :** The recent ERS International Congress in London (September 2016) has seen the beginning of a collaboration between ERS and the European Society for Swallowing Disorders (ESSD) based on the importance (incidence and prevalence) of often unrecognised swallowing disorders in respiratory diseases. A collaboration between the two societies (ERS and ESSD) should help to develop programmes for all patients affected by both swallowing and respiratory disorders.**Track(s) :** Acute and chronic respiratory failure/sleep Respiratory infections**Tag(s) :** Clinical**Target audience :** Clinician, Fellow, Junior member, Physiologist, Public health official, Pulmonologist, Researcher, Resident, Respiratory physician, Nurse, Otolaryngologist, Student, Trainee**Chairs :** Maria Bonsignore (Palermo, PA, Italy), Samuel Vergès (Grenoble, France)**14:45** **Oropharyngeal dysphagia: when swallowing disorders meet respiratory diseases**
Eric Verin (ROUEN, France)**15:12** **Swallowing dysfunction and aspiration pneumonia**
Pierre Clavé (Barcelona, Spain)**15:39** **Neuromuscular disorders: functional evaluation, dyspnoea and prognosis**
Capucine Morelot-Panzini (La Varenne St-Hilaire, France)**16:06** **Thoraco-abdominal coordination and chest wall function in neuromuscular disease**
Andrea Aliverti (Milan, Italy)**16:33** **Inducible Laryngeal Obstruction (ILO) - An Official joint ERS and ELS Statement**
Thomas Halvorsen (BERGEN, Norway)

14:45 - 16:45

Poster Discussion: To freeze or heat?**Chairs :** Gregoris Stratakos (ATHENS, Greece)**Transbronchial lung cryobiopsy in the diagnosis of hypersensitivity pneumonitis**

Eva Filipa de Sousa Antunes Dias Padrão (Braga, Portugal), Eva Filipa de Sousa Antunes Dias Padrão, Patrícia Caetano Mota, Natália Melo, Susana Guimarães, Conceição Souto Moura, Adriana Magalhães, António Morais

Transbronchial lung cryobiopsy: associated complications

Rita Linhas (Porto, Portugal), Raquel Marçôa, Sérgio Campainha, Ana Oliveira, José Almeida, Sofia Neves

Diagnostic yield and safety of transbronchial lung cryobiopsy for diagnosis of interstitial lung disease

Michelle Tan (Adelaide, Australia), Khin Hnin, Dion Grosser, Brian Smith

Efficacy and safety of transbronchial cryobiopsy in interstitial lung diseases

Ahmed Ehab (Mansoura, Egypt), Mohammad Khairy El-Badrawy, Amr Abdelhamed Moawad, Mohammad Eldesoky Abo-Shehata

The role of cryotherapy for obstructive endobronchial lesions: a review

Julia Beeson (Uxbridge, United Kingdom), Omar Maiwand, Vladimar Anikin

Diagnostic yield of transbronchial lung cryobiopsy in interstitial lung diseases

Ana Raquel Caldas Marçôa (Matosinhos, Portugal), Rita Linhas, Dulce Apolinario, Ana Oliveira, Carla Nogueira, Ana Loureiro, José Almeida, Filomena Costa, Agostinho Sanches, Sofia Neves

Radial EBUS guided transbronchial cryobiopsy for diagnosis of middle third lung lesions.

Mohamed Samy Abdelmegeed Torky (Tanta, Egypt), Felipe Andreo, Patricia Raya, Pere Serra, Carmen Centeno, Jose Sanz-Santos, Raquel López-Martos, Jose Luis Mate, Ignasi Garcia-Olivé, Pedro López De Castro, Juan Ruiz-Manzano

Transbronchial Lung cryobiopsy in lung diseases: diagnostic yield and safety.

Sara Colella (Teramo, TE, Italy), Chiara Massaccesi, Federica Fioretti, Gianluca Panella, Gian Luca Primomo, Vittorio D'Emilio, Riccardo Pela

A new diagnostic approach for interstitial lung diseases: Cryobiopsy

Kemal Can Tertemiz (Izmir, Turkey), Volkan Karaçam, Aylin Ozgen Alpaydin, Eyup Sabri Ucan

Airway smooth muscle mass reduction after Bronchial Thermoplasty; the TASMA randomized controlled trial.

Julia N. S. d'Hooghe (Amsterdam, Netherlands), Julia N. S. D'Hooghe, N.H.T. ten Hacken, J.J.T.H. Roelofs, J.T. Annema, P.I. Bonta

Reduction of bronchial wall thickness and hyperinflation on quantitative CT after bronchial thermoplasty for severe asthma

Maren Schuhmann (Heidelberg, Germany), Philip Konietzke, Mark Wielpütz, Oliver Weinheimer, Philine Kaukel, Ralf Eberhardt, Felix JF Herth, Claus P Heussel

Clinical response of severe asthma patients following Bronchial Thermoplasty.

Julia N. S. d'Hooghe (Amsterdam, Netherlands), Julia N. S. d'Hooghe, E.J.M Weersink, N.H.T. ten Hacken, J.T. Annema, P.I. Bonta

BT10+ study design: 10 year follow-up of subjects receiving bronchial thermoplasty (BT) in 3 randomized controlled studies

Rekha Chaudhuri (GLASGOW, United Kingdom), Michel Laviolette, Robert Niven, Stephen Bicknell, Michael E Wechsler, Monica Kraft, Christopher E Brightling, Frances Nolan, Charlene McEvoy

Clinical and histological effects of Bronchial Thermoplasty in severe asthma

Richard Russell (LYMINGTON, United Kingdom), Amisha Singapuri, Rachid Berair, Latifa Chachi, Vijay Mistry, Adel Mansur, Peter Howarth, Rekha Chaudhuri, Stephen Bicknell, Neil Martin, Salman Siddiqui, Chris Brightling, Paddy Dennison

Characteristics of patients undergoing bronchial thermoplasty for severe asthma in the United Arab Emirates

Yaser Abu El Sameed (Abu Dhabi, United Arab Emirates), Govinda Bodi, Mateen Uzbeck, Ali Wahla, Irfan Shafiq, Mohsen Nasir, Mohamed Abuzakouk, Zaid Zoumot

14:45 - 16:45

Poster Discussion: The wide spectrum of ILDs

Chairs : Claudia Valenzuela (Alcobendas (Madrid), Spain), Paolo Spagnolo (Liestal, Switzerland)

Diffuse pulmonary ossification in Idiopathic Pulmonary Fibrosis: Forli 10-year experience

Noorul Afidza Muhammad (Bandar Baru Bangi, Selangor, Malaysia), Sara Tomassetti, Sara Picicucci, Julian Andres Ceballos Gutiérrez, Mohamad Rodi Isa, Venerino Poletti, Venerino Poletti, Noorul Afidza Muhammad

Hospital readmission increases short and long – term mortality in patients with interstitial lung disease after acute respiratory worsening.

Silvia Barril Farre (BARCELONA, Spain), Ana Rodrigo-Troyano, Guillermo Suárez-Cuartín, Anna Feliu, Tomás Franquet, Laura López-Vilaró, Iván Castellví, Vicente Plaza, Oriol Sibila, Diego Castillo

Mosaic attenuation in chronic hypersensitivity pneumonitis is not a synonym of air trapping (AT)

Olívia Dias (SAO PAULO/SP, Brazil), Olívia Dias, Francesca Pennati, Caterina Salito, Bruno Guedes Baldi, Marcio Sawamura, Rodrigo Caruso Chate, Carlos Roberto Ribeiro de Carvalho, André Albuquerque, Andrea Aliverti, Jeferson Ferreira

Smoking and interstitial lung diseases(ILDs).

El bieta Pu ci ska (Warsaw, Poland), Anna Goljan-Geremek, El bieta Radzikowska, Dorota Wyrostkiewicz, Adam Nowi ski, Micha Bednarek, Pawe Sliwi ski

Post-transplant morbidity and mortality in patients with pulmonary fibrosis and telomeric shortening

Marta Garcia Moyano (Barakaldo, Spain), Lurdes Planas , Miriam Bullich, Elena Garcia, Laura Pintado, Belén López-Muñiz, Vanesa Vicens, Ana Montes, Cristina Berastegui, Jordi Dorca, Rosario Perona, Antonio Román, Maria Molina-Molina

Pulmonary hypertension by right heart catheterization in patients with interstitial lung disease

Nesrin Mogulkoc (ZM R, Turkey), Hakan Kultursay, Bahri Akdeniz, Yasemin Kabasakal, Aysu Sinem Koc, Paul Bishop

Effect of Nintedanib in a rat model of lung fibrosis induced by single or double bleomycin administration

Maria Gloria Pittelli (PARMA (PR), Italy), Vanessa Pitozzi, Paola Caruso, Martina Bonatti, Giancarlo Aquino, Matteo Biagetti, Caterina Frati, Chiara Mangiaracina, Federico Quaini, Costanza Lagrasta, Paola Puccini, Maurizio Delcanale, Maurizio Civelli, Gino Villetti, Marcello Trevisani

The impact of dyspnoea and strategies used by lung fibrosis patients to relieve breathlessness.

Nicola Cassidy (Dublin 5, Ireland), Petra Grehan, Irene Byrne, Oisín O'Connell, Jim Egan

Portable oxygen concentrator vs oxygen cylinder during walking in ILD: a randomised crossover trial

Yet Hong Khor (Melbourne, VIC, Australia), Nicole Goh, Anne Holland, Christine McDonald

Obstructive abnormalities in smoking and non-smoking patients with diffuse parenchymal lung diseases (DPLDs)

Olga Yureva (ST PETERSBURG, Russian Federation), Marina Kameneva, Vasiliy Trofimov, Artem Tishkov, Olga Baranova

AmbOx trial: does ambulatory oxygen improve quality of life in patients with fibrotic interstitial lung disease?

Elisabetta Renzoni (LONDON, United Kingdom), Dina Visca, Letizia Mori, Vicky Tsipouri, Sara Canu, Matteo Bonini, Matt Pavitt, Sharon Fleming, Ashi Firouzi, Morag Farquhar, Elizabeth Leung, Charlotte Hogben, Angelo De Lauretis, Maria Kokosi, John Tayu Lee, Rosemary Lyne, Naomi Rippon, Alfredo Chetta, Anne Marie Russell, Peter Saunders, Vasilis Kouranos, Giorgios Margaritopoulos, Toby M Maher, Anna Stockford, Timothy Paul Cullinan, Nick Hopkins, Surinder Birring, Athol U Wells, Jennifer Whitty, Winston Banya, Huzaifa Adamali, Lisa Spencer, Piersante Sestini

Installation of a Multidisciplinary team (MDT) review board for children's interstitial lung disease (ILD)

Elias Seidl (Munich, Germany), Meike Hengst, Matthias Kappler, Birgit Kammer, Julia Ley-Zaporozhan, Ingrid Krüger-Stollfuss, Simone Reu, Hans Rock, Gisela Antony, Nicolaus Schwerk, Nural Kiper, Nagehan Emiralioglu, Adrew Bush, Paul Aurora, Matthias Griese, Annick Clement

High-resolution CT (HRCT) reflects disease progression in patients with idiopathic pulmonary fibrosis (IPF)

Elisabetta Balestro (Padova, PD, Italy), Elisabetta Cocconcelli, Donato Lacedonia, Giulio Barbiero, Davide Biondini, Roberta Polverosi, Federico Fracasso, Maria Pia Foschino Barbaro, Manuel G. Cosio, Marina Saetta, Paolo Spagnolo

IL-9 and IL-9 receptor (IL-9r) expression in BALF lymphocytes in ILD patients: preliminary results.

Francesco Bonella (DUSSELDORF, Germany), Yan Lyu, Eda Boerner, Thomas Wessendorf, Dirk Theegarten, Christian Taube, Ulrich Costabel, Josune Guzman

Technology of choosing a place of lung biopsy for disseminated lung interstitial lesions on the base of 3D-modeling

Elena Filatova (Yekaterinburg, Russian Federation), Alexander Bazhenov, Sergey Skornyakov, Igor Medvinsky, Anna Tsvirenko, Roman Berdnikov, Alexander Savelev, Igor Chernyaev, Ilya Obabkov, Viacheslav Shibaev, Ekaterina Eremina, Nikolai Khlebnikov, Oksana Limanovskaia, Oleg Bazhenov

Effect of 24-month Pirfenidone treatment on functional decline in Idiopathic Pulmonary Fibrosis (IPF) patients with rapid and slow disease progression

Davide Biondini (Udine, UD, Italy), Elisabetta Balestro, Elisabetta Cocconcelli, Paolo Spagnolo, Marina Saetta, Manuel G. Cosio, Stefania Cerri, Fabrizio Luppi, Enrico Clini, Ivana Castaniere, Maria Pia Foschino Barbaro, Donato Lacedonia, Rosanna Milaneschi

14:45 - 16:45

Poster Discussion: Human susceptibility to tuberculosis**Chairs :** Graham H. Bothamley (LONDON, United Kingdom), Chair to be confirmed**HLA-DRB homozygosity negatively affects the Interferon gamma release assay response to Mycobacterium tuberculosis antigens**

Andreas Fløe (Århus V, Denmark), Andreas Fløe, Hans Jürgen Hoffmann, Christian Wejse, Christian Erikstrup, Liselotte Brix, Ole Hilberg

In silico analysis of tuberculosis and multiple sclerosis gene expression profiles reveals coreregulated genes implicated in host response to pathogens.

George Vavougiou (Larissa, Greece), Panagiotis Tavlas, Konstantinos Gourgoulis, Sotirios Zarogianis

Association between IL-2,IL-4 gene polymorphisms and pulmonary MDRTB

Tatiana Butova (Kharkiv, Ukraine), Mykhailo Kuzhko, Dmytro Butov, Nataliya Piriatsinskaa

Association between N-acetyltransferase 2 polymorphism and antituberculosis drug-induced liver injury risk: a meta-analysis

Sitong Liu (, China), Xin Yang, Xiang Tong, Yao Ma, Zhipeng Yan, Hong Fan

Prevention of adverse reactions due to pharmacotherapy in MRTB considering polymorphism of glutathione-S-transferase M1 and T1 genes

Igor Semianiv (Chernivtsi, Ukraine), Lilia Todoriko, Marianna Semianiv

Modulation of CD4 and CD8 response to QuantiFERON-TB-Plus in active TB patients followed during treatment.

Teresa Chiacchio (ROMA, RM, Italy), Elisa Petruccioli, Valentina Vanini, Ilaria Pepponi, Daniela Cirillo, Fabrizio Palmieri, Giuseppe Ippolito, Delia Goletti

Characterization of the HBHA response in TB patients with or without HIV infection.

Teresa Chiacchio (ROMA, RM, Italy), Valentina Vanini, Giovanni Delogu, Gilda Cuzzi, Carmela Pinnetti, Alessandro Sampaolesi, Andrea Antinori, Delia Goletti, Flavio De Maio

Role of detection of lipoarabinomannan (LAM) in urine for diagnosis of tuberculosis in HIV patients; Egyptian experience

Asem Hewidy (Mansoura, Egypt), Ahmed Elmorsy, Nessrin Shalaby, Mohamed Zaghoul, Nagwa Elhalawany, Heba El-shahawy , Amal Fathy

?cute phase proteins in patients with pulmonary tuberculosis combined with diabetes mellitus.

Rizvan Abdullaev (Moscow, Russian Federation), Oksana Komissarova, Olga Berejnaya

Effect of low-dose aspirin in a murine model of active tuberculosis

Vera Marie Kroesen (Bramsche, Germany), Eric García, Gustavo Tapia, Jorge Díaz, Pere-Joan Cardona, Cristina Vilaplana

Does the age affect the diagnostic yield of different biomarkers in differentiation between tuberculous and non-tuberculous pleural effusions?

Piotr Korczyk ski (Warszawa, Poland), Joanna Klimiuk, Aleksandra Safianowska, Rafal Krenke

Characteristics and therapeutic outcomes of pulmonary tuberculosis in the elderly .

Islam Mejri Ep Ajili (Hammamlif Ben Arous, Tunisia), Soumaya Ben Saad, Lamine Megdiche, Hafaoua Daghfous, Fatma Tritar

Comparison of adverse effects in tuberculosis patients over 80 years of age with and without pyrazinamide treatment

Takio Takaku (Ibaraki, Japan), Takefumi Saito, Kenji Nemoto, Shuji Oishi, Kenji Hayashihara

Tuberculosis severity and its association with pathogen phylogeny and properties

Helder Novais Bastos (Braga, Portugal), Henrique Machado, Jeremy Sousa, Maria Isabel Veiga, Angélica Ramos, Teresa Carvalho, Fernando Rodrigues, António Gil Castro, Nuno Osório, João Tiago Guimarães, Margarida Saraiva

Molecular-genetic characteristic of Mycobacterium tuberculosis isolated from HIV- infected people in Ural region, Russia

Diana Vakhrusheva (Ekaterinburg, Russian Federation), Tatyana Umpeleva, Natalya Eremeeva, Xeniya Belousova, Svetlana Krasnoborova

VALIDITY AND RELIABILITY OF TST AND T-SPOT EXAMINATION TO DETECT LATENT TB INFECTION IN HIV INFECTED PATIENTS

Reviono Reviono (Surakarta, Central Java, Indonesia), Harsini Harsini

Radiographic manifestations of tuberculosis in HIV co-infected patients and correlation of the findings with CD4 counts.

Rajendra Prasad Takhar (KOTA (RAJASTHAN), India), Motilal Bunkar, Lokesh Maan, Anil Saxena, Suman Khangarot

Recurrent tuberculosis among HIV infected persons in Singapore

Suay Hong Gan (Singapore, Singapore), Kyi Win KhinMar, Cynthia Bin Eng Chee, Yee Tang Wang

14:45 - 16:45

Poster Discussion: New pathophysiological insights: Intermittent hypoxia - cardiopulmonary function - biomarkers

Chairs : Chair to be confirmed

Intermittent hypoxia increases tumor growth in young but not in aged female mice

Isaac Almendros (Barcelona, Spain), Marta Torres, David Gozal, Josep Maria Montserrat, Daniel Navajas, Ramon Farré

TWO WEEKS OF INTERMITTENT HYPOXIC EXPOSURE INDUCE LIPOLYSIS AT THE FAT TISSUE LEVEL IN HEALTHY HUMAN SUBJECTS.

Netchitaïlo Marie (Rouen, France), Netchitaïlo Marie, Fabre Fanny, Briçon Anne, Belaidi-Corsat Elise, Arnaud Claire, Borel Anne-Laure, Lévy Patrick, Pépin Jean-Louis, Tamisier Renaud

Chronic intermittent hypoxia induces the long-term facilitation of genioglossus corticomotor activity.

Ying Zou (shenyang, China), Wei Wang

Peri-pharyngeal muscle activity during increasing respiratory efforts in awake young and older healthy subjects and patients with OSA.

Arie Oliven (Haifa, Israel), Guy Cohen, Ron Oliven, Alan Schwartz

Upper airway stability in wakefulness and during sleep

Mohamad Ammar Alb dewi (LIEGE, Belgium), Giuseppe LIISTRO

Validation of mandibular movements as a surrogate marker for sleep respiratory effort

Jean-Benoit Martinot (Namur, Belgium), Nam Le Dong, Stéphane Denison, Valérie Cuthbert, Philip Silkoff, David Gozal, Jean-Louis Pepin, Jean-Christophe Borel

Respiratory activity of four abdominal muscles during hypoxia

Emily Easton (Calgary, Canada), Michael Ji, Paul Easton, Tadashi Abe, Takumi Yamada, Masanori Yokoba, Masato Katagiri

Impact of sleep onset on hemodynamic parameters in obese patients with or without obstructive sleep apnea

Richard Staats (Murches, Portugal), Ines Barros, João Maroco, Dina Grencho, Susana Moreira, João Valença, Paula Pinto, Cristina Barbara, Ana Filipa Matos

Association of sleep-disordered breathing and disturbed cardiac repolarization in patients with coronary artery bypass grafting

Christina Schmidleitner (Regensburg, Germany), Michael Arzt, Sarah Ripfel, Miriam Fauser, Teresa Weizenegger, Bernhard Floerchinger, Daniele Camboni, Sigrid Wittmann, Christof Schmid, Lars S Maier, Stefan Wagner, Christoph Fisser

Heart rate variability responses of individuals with and without saline-induced obstructive sleep apnea

Daniel Vena (Toronto, Canada), T. Douglas Bradley, Philip J. Millar, John S. Floras, Azadeh Yadollahi, Bojan Gavrilovic

Serum Heparanase Levels are Associated with Endothelial Dysfunction and Severity of Obstructive Sleep Apnea Syndrome

Asiye Kanbay (Kayseri, Turkey), Halil brahim Yakar, Serçin Ozkok, Abdullah Ozkok, Mumtaz Takir

Roles of periostin in patients with severe obstructive sleep apnea

Hironobu Sunadome (Kyoto, Japan), Hisako Matsumoto, Ryo Tachikawa, Takeshi Matsumoto, Kiminobu Tanizawa, Toru Oga, Kenji Izuhara, Kazuo Chin, Junya Ono, Shoichito Ohta

Circulating survivin levels in patients with obstructive sleep apnea

Zsófia Lázár (Budapest, Hungary), Péter Horváth, Gabriella Gálffy, Rita Puskás, György Losonczy, László Kunos, András Bikov

Effect of repeated altitude exposure on nocturnal breathing disturbances in lowlanders.

Michael Furian (Zürich, Switzerland), Sara E. Hartmann, Lara Muralt, Mona Lichtblau, Patrick R. Bader, Jean M. Rawling, Silvia Ulrich, Marc J. Poulin, Konrad E. Bloch

Antioxidative treatment for dampened hypoxic ventilatory reactivity in diabetes.

Mieczysław Pokorski (Opole, Poland)

14:45 - 16:45

Poster Discussion: Smoking and health hazards

Tag(s) : Smoking prevention and cessation (HLfL)

Chairs : Keir E. Lewis (Llanelli, United Kingdom), Paraskevi Katsaounou (Athens, Greece)

Association of smoking with myocardial triglyceride deposition assessed by protons spectroscopy technique

Thais Garcia (BOTUCATU/SP, Brazil), Ana Natalia Ribeiro Batista, Thyego Mychell Moreira dos Santos, José William Zucchi, Laura de Oliveira Caram, Talita Jacon Cezare, Paula Schmidt Azevedo Gaiola, Suzana Erico Tanni

The Importance of Mean Platelet Volume in Evaluating Cardiovascular Diseases among Patients with COPD

Hatice Kılıç (ANKARA, Turkey), Funda Karaduman, Cantürk Kaya, Aysegül Sentürk, Tuba Özü, Habibe Hezer, Emine Argüder, Aysegül Karalezli, Canan Hasanoğlu

Healthy smokers at risk for cardiovascular disease: the usefulness of left ventricular function and metabolic status evaluation.

Cristina Vicol (VALEA LUPULUI/ IASI, Romania), Ovidiu Rusalim Petris, Milena Adina Man, Adina Magdalena Turcanu, Ioana Buculei, Antigona Carmen Trofor

Are severe asthmatics still smoking?

Paraskevi Katsaounou (Athens, Greece), Michael E Hyland, Lorena García Conde, Matthias Gasser, Ismail Kasujee

Tobacco cessation program (TCP) within pulmonary rehabilitation (PR) of asthmatics

Konrad Schultz (Bad Reichenhall, Germany), Michael Wittmann, Rupert Wagner, Hildegard Seidl, Dennis Nowak, Michael Schuler

Influence of respiratory and cardiovascular diseases on smoking cessation.

Natalia Fouz Rosón (SEVILLA, Spain), Natalia Fouz Rosón, Carolina Panadero-Paz, Cristina Benito-Bernáldez, Pedro Juan Rodríguez-Martín, Virginia Almadana-Pacheco, Teodoro Montemayor-Rubio

Correlations between lung function, exhaled carbon monoxide and „lung age” in smokers versus former smokers with COPD

Letitia Trofor (Iasi, Romania), Ramona Miron, Milena Adina Man, Ionela-Alina Grosu, Antigona Carmen Trofor

Analysis of ratio of ACOS in elderly asthmatic patients with smoking history

Akinori Ebihara (Tokyo, Japan), Asuka Nagai, Atsushi Suga, Tokuzen Iwamoto, Ichiro Kuwahira

Quitting smoking following a diagnosis of lung cancer from the perspectives of patients and professionals

Rachel Gemine (Ilanelli, United Kingdom), Keir Lewis

Clinical consideration and lung function in different groups of COPD patients (smokers, ex-smokers, nonsmokers)

Gabriela Jimborean (TARGU MURES/MURES, Romania), Paraschiva Postolache, Edith Simona Ianos, Oana Arghir

Smoking and alteration of the healing of the oral mucosa at the end of a surgical operation

Aissa Sana (Kairouan, Tunisia), imen youssef, wafa Benzarti, imen Gargouri, Ahmed Abdelghani, Mohamed benzarti

Effects of smoking on the oral cavity

Aissa Sana (Kairouan, Tunisia), imen youssef, wafa benzarti, imen gargouri, ahmed abdelghani, sonia mezghani, mohamed benzarti

Non-small cells lung cancer (NSCLC) in non-smokers (NS) – sharing experience

Rita Boaventura (PORTO, Portugal), Leonor Meira, Vanessa Santos, David Araújo, Ana Verónica Cardoso, Maria Jacob, Gabriela Fernandes, Adriana Magalhães, António Morais, Henrique Queiroga, Venceslau Hespanhol

Prevalence and reasons for smoking in adolescent Swiss childhood cancer survivors

Rahel Kasteler (Bern, Switzerland), Fabiën Belle, Fabienne Gumy-Pause, Eva M Tinner, Claudia Kuehni

Investigation of the relationship between cigarette consumption and body mass index in individuals without chronic lung disease

Ilknur Naz (Izmir, Turkey), Naime Taşdoğan, Hulya Sahin, Enver Yalınöz

Determinants of smoking status of patients with lung or head and neck cancer, at diagnosis and one year after

Corinne Vannimenes (Croix, France), Héléne Bricout, Dienabou Sylla, Florence Richard, Gautier lefebvre, Benjamin Rolland

Comparisons of cigarette smoking and non-smoking ankylosing spondylitis patients on disease severity and quality of life

Seyhan Dülger (BURSA, Turkey), Seyhan Dülger, Ilknur Karabel, Tekin Yildiz, Lale Altan Önceoğlu, Özlem Sengoren Dikis, Meliha Kasapoglu Aksoy

Toxic effect of smoking on right and left heart function assessed by cardiac magnetic resonance.

Ana Natalia Ribeiro Batista (Bauru, Brazil), Thais Garcia, André Luis Bertani, Estefania Aparecida Thomé Franco, Mauricio Fregonesi Barbosa, Irma de Godoy, Suzana Erico Tanni

14:45 - 16:45

Poster Discussion: Discussion of techniques and technologies in lung function**Chairs :** Felip Burgos Rincon (BARCELONA, Spain), Brendan Cooper (Edgbaston, Birmingham, United Kingdom)**Maximal Heart rate (HRmax) prediction equations: Simple solution to estimating exercise intensity!**
Adrian Hugh Kendrick (BRISTOL, United Kingdom)**The Inter-operator Variability in Determining the Anaerobic Threshold (AT) after Pre-operative Cardiopulmonary Exercise Testing (CPET)**
Edward Parkes (Birmingham, United Kingdom), Vicky Moore**Vyntus CPX compared to Oxycon pro shows equal gas-exchange and ventilation during exercise**
Herman Groepenhoff (Lijnden, Netherlands), Ronald C. de Jeu, Robert Schot**Systematic differences in lung function outcomes in a new lung function lab.**
Ellie Oostveen (Edegem (Antwerp), Belgium), Kevin De Soomer, Charlotte Adriaensen, Karla Leemans, Wilfried De Backer**Test of independence between the membrane and the blood components of DLCO**
Min-Yeong Kang (Palaiseau, France), Hervé Guénard, Bernard Sapoval**Could lung diffusion level for carbon monoxide be predicted in young elite athletes?**
Biljana Lazovic (Belgrade, Republic of Serbia), Mirjana Zlatkovic-Svenda, Jelena Grbovic, Vesna Djuric, Branislava Milenkovic, Vladimir Zugic**Intra-session and inter-session variability of nitric oxide pulmonary diffusing capacity in patients with cystic fibrosis**
Thomas Radtke (Zürich, Switzerland), Christian Benden, Marion Maggi-Beba, Susi Kriemler, Ivo van der Lee, Holger Dressel**Time of maximal spirometric change after bronchodilator inhalation**
Matthew Hegewald (Murray, United States of America), Stacy Bomberg, Olinto Linares-Perdomo, Robert Jensen, Alan Morris**In silico study on the impact of heterogeneous narrowing of small airways on spirometry results**
Adam Polak (Wrocław, Poland), Dariusz Wysoczka, Janusz Mrocza**Using resting lung function to predict the response to altitude simulation in motor neuron disease**
Danny Brazzale (Macleod, Australia), Warren Ruehland, Mark Howard, Peter Rochford**Appropriateness of streamlining non-invasive respiratory muscle assessments in patients with Motor Neurone Disease**
Janina Mallari (Cambridge, United Kingdom), Karl Sylvester**Use of a contactless optical device (Structured Light Plethysmography (SLP)) to quantify and record breathing parameters.**
Panagiotis Sakkatos (Southampton, United Kingdom), Anne Bruton, Anna Barney**The use of structured light plethysmography in children with neuromuscular disease.**
Michael Shields (BELFAST, United Kingdom), Orla Logue, Kate Donnan, Deborah Fleck, Ciara Hughes**A novel device for the measurement of carbon dioxide during tidal breathing in COPD**
Karl Sylvester (Cambridge, United Kingdom), Julian Carter, Jeremy Walsh, John Foord, Ravi Mahadeva, John Altrip**Plethysmographic measurement of intrinsic PEEP in stable COPD patients at rest**
Dejan Radovanovic (Milan, Italy), Camilla Zilianti, Pierachille Santus, Matteo Pecchiari**First fully clinically oriented report in body plethysmography utilizing resistance-volume charts**
Hans-Juergen Smith (Hoechberg, Germany), Darren Murray**Measuring respiratory function using a novel device in healthy volunteers**
Håvard Andreassen Sæverud (OSLO, Norway), Håvard Andreassen Sæverud, Morten Eriksen, Anne Waaler, Adam Stuart Dowrick, Sigurd Aarrestad, Ole Henning Skjønberg**Patient anxiety in lung function testing.**
Jellien Makonga-Braaksma (Woudenberg, Netherlands), Roelie van Winkoop-Ruitenbergh, Pieterneel Pasker-de Jong

14:45 - 16:45

Oral Presentation: New ideas for the management of chronic lung diseases

Chairs : Alfredo Chetta (PARMA, PR, Italy), Vincent Cottin (Lyon, France)

- 14:45** **Dynamic changes of monocyte human leukocyte antigen-DR and T cell subsets in sepsis**
Jianqiao Xu (Beijing, China), Lixin Xie
-
- 15:00** **Effects of idebenone on pulmonary morbidity in Duchenne muscular dystrophy (DMD)**
Oscar Mayer, Christian Rummey, Shabir Hasham, Gunnar Buyse on behalf of the DELOS study group
-
- 15:15** **Efficacy of Idebenone in respiratory decline in Duchenne muscular dystrophy (DMD): Comparison of analysis methods**
Oscar Mayer, Mika Leinonen, Gunnar Buyse on behalf of the DELOS Study Group
-
- 15:30** **Exploring Efficacy and Safety of Oral Pirfenidone for Progressive, non-IPF Lung Fibrosis (RELIEF-Study)**
Juergen Behr (München, Germany), Petra Neuser, Antje Prasse, Michael Kreuter, Klaus Rabe, Carmen Schade-Brittinger, Jasmin Wagner, Andreas Günther
-
- 15:45** **Randomized controlled trial of abituzumab in systemic sclerosis-associated interstitial lung disease**
Dinesh Khanna (Ann Arbor, United States of America), Donald Tashkin, Athol Wells, Jonathan Goldin, Martin Lubell, Steven Wax, Doris Damian, Christopher Denton
-
- 16:00** **The Effect of MK-7264, a P2X3 antagonist, on Cough Reflex Sensitivity in a Randomized Crossover Trial of Healthy and Chronic Cough Subjects**
Alyn Hugh Morice (Cottingham, United Kingdom), Michael Kitt, Anthony Ford, Kayleigh Brindle, Rachel Thompson, Susannah Thackray-Nocera, Caroline Wright
-
- 16:15** **Inhibition of P2X3 by MK-7264 reduces 24-hour cough frequency in a randomized, controlled, Phase 2b clinical trial**
Jaclyn Smith (Manchester, United Kingdom), Michael Kitt, Alyn Morice, Surinder Birring, Lorcan McGarvey, Mandel Sher, Anthony Ford

14:45 - 16:45

Oral Presentation: Primary care management of asthma and COPD

Chairs : Hilary Pinnock (Edinburgh, United Kingdom), António Jaime Correia De Sousa (PORTO, Portugal)

- 14:45** **Breathing exercises for asthma - results of the BREATHE study**
Mike Thomas (Southampton, United Kingdom), Anne Bruton, Lucy Yardley, James Raftery, Jenny Versnel, Amanda Lee, Ian Pavord, Paul Little, Mike Moore, Ratko Djukanovic, Stephen Holgate, David Price
-
- 15:00** **Telephone health coaching in primary care patients with MRC I/II COPD: randomised controlled trial.**
Kate Jolly (Birmingham, United Kingdom), Manbinder Sidhu, Catherine Hewitt, Amanda Daley, Rachel Jordan, Peter Coventry, Carl Heneghan, Sue Jowett, Sally Singh, Natalie Ives, Peymane Adab, Jinu Varghese, David Nunan, Khaled Ahmed, David Fitzmaurice
-
- 15:15** **Improving Care in Chronic Obstructive Lung Disease (CAROL): a cluster randomized trial in primary care**
Claudia Steurer-Stey (Zürich, Switzerland), Stefan Markun, Thomas Rosemann, Kaba Dalla Lana
-
- 15:30** **A systematic review to identify and weight indicators of risk of asthma exacerbations in children aged 5-12**
Audrey Buelo (Edinburgh, United Kingdom), Susannah Mclean, Javier Flores-Kim, Steven Julious, Mike Shields, James Paton, John Henderson, Hilary Pinnock
-
- 15:45** **The use of electronic alerts in primary care to identify the over-prescription of short-acting beta2-agonists in people with asthma: a systematic review**
Shauna McKibben (London, United Kingdom), Anna De Simoni, Andy Bush, Mike Thomas, Chris Griffiths
-
- 16:00** **Identifying cut off scores for the chronic obstructive pulmonary disease assessment test (CAT) to predict exacerbations in COPD**
Marise Kasteleyn (Leiden, Netherlands), Cristina Esquinas, Miriam Barrecheguren, Marc Miravittles, Christian Taube, Niels Chavannes
-
- 16:15** **Effect on health status of integrated self-management platforms in COPD disease-management**
Esther P.W.A. Talboom-Kamp (Breda, Netherlands), Marise Kasteleyn, Noortje Verdijk, Niels Chavannes, Mattijs Numans, Lara Harmans, Nan van Geloven, Irvin Talboom

14:45 - 16:45

Oral Presentation: Functional genomics knowledge in parenchymal and bronchial diseases**Chairs :** Aurelie Fabre (Dublin, Ireland), Philippe Bonniaud (DIJON, France)**LSC - 2017 - Epigenetic imbalance may increase lung cancer incidence in patients affected by idiopathic pulmonary fibrosis**

Mariangela Natale (Coimbra, Portugal), Raghu Kalluri, Valerie LeBleu, Joao Nuno Moreira, Komal Vadnagara, Lina Carvalho, Sylvia Vong

LSC - 2017 - The role of the epigenetic regulator HMG5 in COPD resulting from chronic lung injury

Gizem Gunes (München, Germany), Thomas Conlon, Rim Sarker, Gerald Burgstaller, Valerie Gailus-Durner, Helmut Fuchs, Martin Hrabec; de Angelis, Takashi Furusawa, Michael Bustin, Oliver Eickelberg, Ali Önder Yildirim

14:45 Association between AGTTGFB1ESR1, and VDR gene variants with idiopathic pulmonary fibrosis (IPF) and pulmonary sarcoidosis (PS) clinical features

Anna Ulitina (St. Petersburg, Russian Federation), Lubov' Novikova, Julia Ilkovich, Olga Baranova, Tatiana Makarova, Eugenia Volkova, Sofya Pchelina, Mikhail Ilkovich, Mikhail Dubina

15:00 Insights from RNA-sequencing of bronchoalveolar lavage cells in a large sarcoidosis cohort

Milica Vukmirovic (New Haven, United States of America), Xiting Yan, Kevin F. Gibson, Mridu Gulati, Giuseppe DeIulius, Tony Woolard, Taylor Adams, Buqu Hu, Wenlan Zang, Antun Mihaljinec, Hubertus D. Luijk, Nachele Aurelien, Scott M. O'Neal, Michael J. Becich, Harry Hochheiser, Erica L. Herzog, Robert M. Senior, Edward S. Chen, Alison M. Morris, Joseph K. Leader, Yingze Zhang, Joe G. N. "Skip" Garcia, Stephen R. Wisniewski, Panagiotis V. Benos, Lisa A. Maier, David R. Moller, Wonder P. Drake, Laura L. Koth, Naftali Kaminski

15:15 The DN3OS lncRNA is a reservoir of fibromiRs with major functions in lung fibroblast response to TGF- and pulmonary fibrogenesis

Bernard Mari (Valbonne, France), Grégoire Savary, Matthieu Buscot, Edmone Dewaeles, Nicolas Nottet, Julien Fassy, Cynthia Van der Hauwaert, Serena Diazzi, Agnès Paquet, Kevin Lebrigand, Sylvie Leroy, Laurent Plantier, Nihal Martis, François Glowacki, Roger Rezzonico, Bruno Crestani, Franck Broly, Pascal Barbry, Michael Perrais, Saverio Bellusi, Christelle Cauffiez, Charles-Hugo Marquette, Nicolas Pottier, Imène-Sarah Henaoui, Christian Lacks Lino Cardenas

15:30 Decreased expression of FENDRR, a lung mesenchymal long non-coding RNA, regulates fibroblast phenotypes in IPF through NOX4.

Koji Sakamoto (Nagoya, Japan), Nikos Xylourgidis, Norihito Omote, Taylor Adams, Guoying Yu, Farida Ahangari, Jose Herazo-Maya, Naftali Kaminski, Robert Homer

15:45 Comparison of gene expression profiles from nasal and bronchial brushes

Kai Imkamp (Groningen, Netherlands), Marijn Berg, Cornelis Vermeulen, Irene Heijink, Victor Guryev, Gerard Koppelman, Maarten van den Berge, Alen Faiz, Huib Kerstjens

14:45 - 16:45

Oral Presentation: Techniques in biomarker selection**Chairs :** Alexander Mathioudakis (Manchester, United Kingdom)**14:45 Th2 related biomarkers as predictors of airway eosinophilia in optimally treated smoking asthmatics: An observational study.**

Evgenia Papatheou (ATHENS, Greece), Stelios Loukides, Konstantinos Kostikas, Zoe Tsilogianni, Polyxeni Ntontsi, Georgios Papatheodorou, Spyros Papiris, Nikolaos Koulouris, Petros Bakakos, Georgios Hillas

15:00 The effect of smoking on exhaled lining fluid from small airways

Emilia Viklund (Gothenburg, Sweden), Hatice Koca, Laith Hussain, Anna-Carin Olin

15:15 A rapid method to increase the clinical use of sputum inflammatory cells

Patrizia Pignatti (PAVIA, Italy), Dina Visca, Veronica Leoni, Elisabetta Zampogna, Francesca Cherubino, Giovanni Sotgiu, Antonio Spanevello

15:30 Pattern of phospholipids and Surfactant Protein A in Particles in Exhaled Air (PEXA)

Anna-Carin Olin (Gothenburg, Sweden), Emilia Viklund, Gunilla Runström, Eketerina Mirgorodskaya

15:45 Analysis of induced sputum by Chipectometry

Olaf Holz (HANNOVER, Germany), Meike Mueller, Christian Hennig, Anja Mirenska, Jens Hohlfeld

16:00 Investigating optimal sputum processing methods for active neutrophil elastase quantification

Charlene Robb (Belfast, United Kingdom), Kelly Moffitt, Timothy Ferguson, Darragh McCafferty, Damian Downey, Brain Walker

- 16:15** **A neo-epitope of serum lysyl oxidase like 2 (LOXL2) generated during enzyme maturation is elevated in cancer and idiopathic pulmonary disease**
Diana Julie Leeming (Herlev, Denmark), Cecilie L Bager, Nicholas Willumsen, Jannie MB Sand, Bidisha Dasgupta, Carrie Brodmerkel, Mark Curran, Morten A Karsdal

14:45 - 16:45

Oral Presentation: Epigenetics of lung function**Chairs :** H. Marike Boezen (Groningen, Netherlands), Erik Melén (Stockholm, Sweden)

- 14:45** **DNA methylation and lung function: an epigenome-wide association study**
Dylan Aïssi (La tronche, France), Xiaojian Shao, Isabelle Pin, Emmanuelle Bouzigon, Anne Boudier, Elodie Boulter, Mark Lathrop, Elin Grundberg, Florence Demenais, Valérie Siroux
- 15:00** **DNA methylation is associated with lung function levels in never-smokers**
Maaïke de Vries (Groningen, Netherlands), Diana van der Plaats, Ivana Nedeljković, Najaf Amin, Cornelia van Duijn, Cleo van Diemen, Judith Vonk, Marike Boezen
- 15:15** **Lung function discordance in monozygotic twins and associated differences in blood DNA methylation**
Anneli Clea Bolund (Århus C, Denmark), Anna Starnawska, Martin R Miller, Vivi Schlünssen, Torben Sigsgaard, Vibeke Backer, Anders D Børghlum, Kaare Christensen, Qihua Tan, Lene Christiansen
- 15:30** **Association between accelerated biological aging and adult lung function**
Faisal I Rezwani (Southampton, United Kingdom), Medea Imboden, Andre FS Amaral, Matthias Wielscher, Emmanuel Schaffner, Deborah Jarvis, Nicole Probst-Hensch, John W Holloway, on behalf of the ALEC study
- 15:45** **DNA methylation mediates the association between occupational exposures and lung function**
Diana van der Plaats (Groningen, Netherlands), Maaïke de Vries, Sacha Bastide-van Gemert, Kim de Jong, Cleo van Diemen, Ivana Nedeljković, Najaf Amin, Hans Kromhout, Roel Vermeulen, Dirkje Postma, Cornelia van Duijn, Judith Vonk, Marike Boezen
- 16:00** **Pregnancy smoking: Tissue- and sex-specific drift of Igf1r and Igf1 methylation in mouse fetuses and neonates**
Karolin F. Meyer (Groningen, Netherlands), Susanne Krauss-Etschmann, Rikst Nynke Verkaik-Schakel, Wim Timens, Lester Kobzik, Torsten Plösch, Machteld Hylkema

14:45 - 16:45

Oral Presentation: Exercise training and breathing exercises in chronic respiratory disease**Chairs :** Deniz Inal-Ince (ANKARA, Turkey)

- 14:45** **EFFECTS OF AEROBIC AND BREATHING EXERCISES ON CLINICAL CONTROL AND AIRWAY INFLAMMATION IN PERSISTENT ASTHMA**
Celso R. F. Carvalho (São Paulo, SP, Brazil), Karen Brandao Evaristo, Milene Granja Saccomani, Alberto Cukier, Rafael Stelmach, Regina Carvalho-Pinto, Danilo F Santaella, Marcos Rojo, Beatriz M Saraiva-Romanholo, Milton Arruda Martins
- 15:00** **Oxygen uptake during cycle ergometry with and without functional electrical stimulation in COPD patients: a randomised placebo-controlled cross-over trial**
Clement Medrinal (LE HAVRE, France), Guillaume Prieur, Yann Combret, Aurora Robledo Quesada, David Debeaumont, Jean Quieffin, Olivier Contal, Bouchra Lamia
- 15:15** **Muscle strength training; does number of repetitions affect fatigue in sarcoidosis patients?**
Anita Grongstad (Slattum, Norway), Nina Kjøpke Vøllestad, Line Oldervoll, Martijn Spruit, Anne Edvardsen
- 15:30** **Quality of resistance training description in COPD trials: a systematic review**
Peter Klijin (Hilversum, Netherlands), Bennie Westra, Sander de Wolf, Monique Legemaat, André Nyberg, André Nyberg, Eline bij de Vaate, Faridi van Etten-Jamaludin, Peter Klijin, Monique Legemaat
- 15:45** **Effect of inspiratory muscle training (IMT) on static and dynamic respiratory muscle function in patients with COPD**
Sauwaluk Dacha (LEUVEN, Belgium), Daniel Langer, Casey Ciavaglia, Katherine Webb, Megan Preston, Denis E. O'Donnell
- 16:00** **Effects of inspiratory muscle training on dyspnea in severe COPD patients during pulmonary rehabilitation : controlled randomized trial**
Marc Beaumont (Lannion, France), Philippe Mialon, Catherine Le Ber, Patricia Le Mevel, Loïc Péran, Olivier Meurisse, Angelina Dion, Francis Couturaud

- 16:15** **A multicentre randomised controlled trial of inspiratory muscle training for patients with chronic obstructive pulmonary disease (IMTCO study)**
Noppawan Charususin (Kessel-Lo (Leuven), Belgium), Rik Gosselink, Marc Decramer, Alison McConnell, Heleen Demeyer, Didier Saey, Francois Maltais, Eric Derom, Stefanie Vermeersch, Yvonne Heijdra, Linda Garms, Rainer Gloeckl, Klaus Kenn, Daniel Langer

18:00 - 21:00

Public: Patient "meet the expert"Palazzo Reale - Milan centre

- 18:30** **Welcome - Dan Smyth**
Dan Smyth (Dundalk, Ireland)
- 18:35** **Healthy Lungs for Life - breathe clean air outdoors**
Francesco Forastiere (ROMA, RM, Italy)
- 19:00** **Healthy Lungs for Life – breathe clean air at work**
Sara De Matteis (London, United Kingdom)
- 19:30** **“Living Smokefree” - Round table discussion on smoking cessation**
Roberto Boffi (Milan, Italy), Silvia Novello (Orbassano (TO), Italy)
- 20:15** **Presentation of EPAP in Italian**

07:00 - 08:15

Challenging clinical cases: CC7 Pneumonia, pneumonitis, or progressive disease during immunotherapy in lung cancer?

Aims : Immunotherapy in advanced NSCLC is advancing to a new standard of care and is currently being administered more frequently and to a broader patient population. The aim of this session is to present three different cases of lung cancer lesions that were treated with immunotherapy and exhibited radiological progression that was due to pneumonia, pneumonitis, or tumour disease progression.

Track(s) : Lung cancer

Tag(s) : Clinical

Target audience : Allergologist, Clinician, Emergency medicine doctor, Fellow, General practitioner, Immunologist, Intensivist/critical care physician, Junior member, Microbiologist, Nurse, Oncologist, Pathologist, Patient, Pharmaceutical industry representative, Pulmonologist, Radiologist, Researcher, Resident, Respiratory physician, Respiratory therapist, Scientist, Student, Thoracic endoscopist, Thoracic surgeon, Trainee

Chairs : Achim Rittmeyer (Immenhausen, Germany)

Case 1: Is it pneumonia, pneumonitis, or progressive disease?

Bogdan Dragos Grigoriu (Brussels, Belgium)

Case 2: Is it pneumonia, pneumonitis, or progressive disease?

Dragana M. Jovanovi (Belgrade, Republic of Serbia)

Case 3: It is ...

Klimentini Bostantzoglou (Athens, Greece)

07:00 - 08:15

Challenging clinical cases: CC8 Noninvasive respiratory aids for continuous support in neuromuscular disorders

Aims : To describe how to set up non-invasive ventilation that is complemented by assisted cough techniques, thereby safely extending the full-time non-invasive support of neuromuscular disease patients and avoiding tracheostomy/invasive ventilation.

Track(s) : Acute and chronic respiratory failure/sleep

Tag(s) : Clinical

Target audience : Intensivist/critical care physician, Nurse, Physiotherapist, Pulmonologist, Respiratory therapist

Chairs : João Carlos Winck (Vila Nova de Gaia, Portugal)

Chronic respiratory failure in a patient with ALS

Capucine Morelot-Panzini (La Varenne St-Hilaire, France)

Chronic respiratory failure in a patient with chest wall deformity

Collette Menadue (Leichhardt, NSW, Australia)

07:00 - 08:15

Challenging clinical cases: CC6 Is it truly pulmonary arterial hypertension?

Aims : The diagnosis of pulmonary arterial hypertension is becoming more complex because patients present with more comorbidities. These comorbidities range from metabolic syndrome to coronary artery disease and/or mild lung parenchymal diseases. The aim of this session is to present three different cases of patients who were referred for treatment of PAH that may have developed via different pathophysiological mechanisms.

Track(s) : Interstitial lung disease and vascular disease

Tag(s) : Clinical

Target audience : Clinician, Emergency medicine doctor, Fellow, General practitioner, Intensivist/critical care physician, Junior member, Nurse, Patient, Pharmaceutical industry representative, Pulmonologist, Radiologist, Resident, Researcher, Respiratory physician, Respiratory therapist, Scientist, Student, Trainee

Chairs : Olivier Sitbon (Le Kremlin-Bicêtre, France)

Case 1: Is it lung parenchyma-associated pulmonary hypertension or PAH?

Joan Albert Barbera (Barcelona, Spain)

Case 2: Is it left ventricular dysfunction or PAH?

Jean-Luc Vachery (Brussels, Belgium)

Case 3: Is it a systemic disorder or PAH?

Sean Gaine (Dublin, Ireland)

08:00 - 10:20

Skills workshop: SW13 Clinical, radiological and pathological correlations in lung diseases

Aims : To demonstrate and discuss the clinical, radiological and pathological correlations in different lung diseases (lung emphysema, interstitial fibrosis and lung cancer) with experienced and less experienced participants.

Track(s) : Lung cancer Chronic airway diseases Interstitial lung disease and vascular disease

Tag(s) : Clinical

Target audience : Anaesthesiologist, Fellow, General practitioner, Junior member, Nurse, Pulmonologist, Radiologist, Researcher, Resident, Respiratory physician, Scientist, Student, Thoracic surgeon, Trainee, Oncologist

Chairs : Philipp A. Schnabel (Homburg/Saar, Germany)

Introduction**Lung emphysema**

James Hogg (Vancouver, BC, Canada)

Interstitial fibrosis

Sara Tomassetti (Forlì, FO, Italy)

Lung cancer

Sebastian Ley (Munich, Germany)

Pathology of lung emphysema, interstitial fibrosis and lung cancer

Giulio Rossi (Modena, Italy)

08:30 - 10:30

Symposium: From acute clots to chronic thromboembolic pulmonary hypertension

Aims : This session focuses on right heart failure, especially in the context of acute and chronic thromboembolic pulmonary hypertension. The aims are (1) to understand the mechanisms of right ventricular failure under conditions of high pressure, (2) to be aware of the medical principles that underlie the treatment of the right ventricle under conditions of high pressure, and (3) to learn about the treatment options for patients with acute pulmonary embolism. In the latter aim, how to decide between the treatment options in chronic thromboembolic pulmonary hypertension and the evidence supporting these decisions will be discussed along with how and when to support the right ventricle in end-stage disease.

Track(s) : Interstitial lung disease and vascular disease

Tag(s) : Clinical

Target audience : Cardiologist, Clinician, Intensivist/critical care physician, Nurse, Patient, Pulmonologist, Researcher, Scientist, Student, Thoracic surgeon

Chairs : Marc Humbert (Paris, France), Werner Seeger (GIESSEN, Germany)

08:30 The acute PE patient at high risk: how should we manage this patient?

09:00 The right ventricle under stress

Anton Vonk Noordegraaf (Amsterdam, Netherlands)

09:30 Unloading the right ventricle in chronic thromboembolic pulmonary hypertension

Marion Delcroix (LEUVEN, Belgium)

10:00 How to treat CTEPH

Marius M. Hoeper (Hannover, Germany)

08:30 - 10:30

Hot topics: End-of-life care of the respiratory patients

Aims : The session intends to analyse the ethical issues correlated with end-of-life decisions in respiratory patients.

Track(s) : Acute and chronic respiratory failure/sleep

Tag(s) : Clinical

Target audience : Emergency medicine doctor, Intensivist/critical care physician, Oncologist, Pulmonologist, Respiratory physician

Chairs : Paolo Navalesi (Milan, Italy), Stylianos Orfanos (ATHENS, Greece)

08:30 Patient testimonial

08:42 When and how to communicate the prognosis in a chronic respiratory disease

Stefano Nava (Bologna, Italy)

- 09:09** **The case of pulmonary fibrosis and amyotrophic lateral sclerosis: is intubation always futile?**
Anita Simonds (London, United Kingdom)
-
- 09:36** **Improve quality of life means also improve quality of death?**
Mark W. Elliott (Leeds, United Kingdom)
-
- 10:03** **The media and end-of-life decision**
Miquel Ferrer Monreal (BARCELONA, Spain)

08:30 - 10:30**Hot topics: Early life events: implications across the lifecourse**

Aims : During this session the Audience will have knowledge on the influence of microbiome, viral infections and others early life factors on the development of chronic respiratory symptoms in children and on how these factors will influence COPD in adulthood.

Track(s) : Chronic airway diseases

Tag(s) : Paediatric

Target audience : Fellow, Immunologist, Junior member, Paediatrician, Pulmonologist, Resident, Scientist, Student

Chairs : Jonathan Grigg (London, United Kingdom), Franca Rusconi (Firenze, Italy)

- 08:30** **Early life microbiome assembly – what can go wrong?**
Debby Bogaert (Utrecht, Netherlands)
-
- 09:00** **From viral bronchiolitis to preschool wheeze: bacteria as a prevention and therapy target**
Avraham Beigelman (St. Louis, MO, United States of America)
-
- 09:30** **Childhood asthma, BPD and CF - tomorrow's COPD**
Colin Robertson (Melbourne, VIC, Australia)
-
- 10:00** **Early life influences on asthma development**
Liesbeth Duijts (Rotterdam, Netherlands)

08:30 - 10:30**Session: Live endoscopy: Lung cancer and the pleura**

Aims : Live endoscopy sessions will offer real-time insight in to some of respiratory medicine's most important clinical procedures – providing delegates with an opportunity to witness procedures carried out by experts followed by question and answer sessions. The live endoscopy sessions present fascinating opportunities for clinicians to learn more about a range of endoscopic techniques and discuss their applications and effectiveness.

Track(s) : Lung cancer

Tag(s) : Clinical

Target audience : Allied health professional, Clinician, Fellow, General practitioner, Intensivist/critical care physician, Nurse, Physiologist, Physiotherapist, Psychologist, Radiologist, Student

Chairs : Felix J.F. Herth (Heidelberg, Germany), Nick Maskell (Bristol, United Kingdom), Martina Bonifazi (Ancona, AN, Italy)

- 08:30** **Introductory lecture: bronchoscopy & endosonography in lungcancer**
Felix J.F. Herth (Heidelberg, Germany)
-
- 08:40** **Bronchoscopy and conventional transbronchial needle aspiration (TBNA)**
Semra Bilaceroglu (Izmir, Turkey), Stefano Gasparini (Ancona, Italy)
-
- 08:55** **EBUS-TBNA and EUS-B-FNA for lung cancer staging**
Jouke T. Annema (Amsterdam, Netherlands), Rocco Trisolini (Bologna, BO, Italy)
-
- 09:15** **Introductory lecture: thoracoscopy**
Nick Maskell (Bristol, United Kingdom)
-
- 09:25** **Transthoracic ultrasound and the pleura**
Najib M. Rahman (Oxford, United Kingdom), Federico Mei (Fano, PU, Italy)
-
- 09:40** **EBUS miniprobe for peripheral nodule**
Ales Rozman (Golnik, Slovenia), Maren Schuhmann (Heidelberg, Germany)
-
- 09:55** **Rigid thoracoscopy**
Giampietro Marchetti (Castelmella, Italy), Marios E. Froudarakis (ALEXANDROUPOLIS, Greece), Najib M. Rahman (Oxford, United Kingdom)

10:15 MCQ and Concluding remarks
Felix J.F. Herth (Heidelberg, Germany), Nick Maskell (Bristol, United Kingdom)

08:30 - 10:30

Session: Taking care of migrants' health in Europe

Aims : The attendees will have an update on the problems related to migrants health, in particularly on respiratory diseases. They will also learn how care of migrants is organized around Europe.

Track(s) : Chronic airway diseases Respiratory infections

Tag(s) : Clinical

Target audience : Clinician, Epidemiologist, Fellow, General practitioner, Paediatrician, Public health official, Pulmonologist, Resident, Respiratory physician, Social worker, Student, TB specialist

Chairs : Stefania La Grutta (Palermo, PA, Italy), Chair to be confirmed

08:30 Experiences and challenges in monitoring migrant health in migration centre and at community level
Speaker to be confirmed

09:00 Respiratory problems in migrants: prevalence and organization of care
Speaker to be confirmed

09:30 Post-migration TB screening
Claudia Dobler (Rochester, United States of America)

10:00 Clinical problems in migrant children
Ulrich von Both (London, United Kingdom)

08:30 - 10:30

Session: Latest GOLD update

Aims : This session aims at presenting and discussing the most relevant changes introduced in the GOLD2017 report. It will discuss issues related to diagnosis of the disease, risk factors (known and novel), a refined ABCD proposal for the assessment of patients in order to guide pharmacological treatment as well as the new dynamic therapeutic scheme proposed, including non-pharmacological interventions. It is hoped that, at the end of the session, participants will be fully aware of the new concepts and proposals introduced in the 2017 GOLD report

Chairs : Alvar Agusti Garcia-Navarro (Barcelona, Spain), Claus Vogelmeier (Marburg, Germany)

08:30 Definition and risk factors
Speaker to be confirmed

09:00 Diagnosis and assessment
Gerard J. Criner (Philadelphia, United States of America)

09:30 Pharmacological treatment
Nicolas Roche (Paris, France)

10:00 Non-pharmacological treatment
Jean Bourbeau (Montreal, Canada)

08:30 - 10:30

Year in review: Scientific Year in Review

Aims : This session will provide a state-of-the-art overview and discussion on selected key scientific topics in respiratory research.

Track(s) : Chronic airway diseases Respiratory infections

Tag(s) : Basic translational science

Target audience : Fellow, Immunologist, Junior member, Microbiologist, Oncologist, Paediatrician, Pathologist, Pulmonologist, Radiologist, Researcher, Resident, Respiratory physician, Scientist, Thoracic endoscopist

Chairs : Pieter S. Hiemstra (Leiden, Netherlands), Ian M. Adcock (London, United Kingdom)

08:30 Ceremony for ERS Romain Pauwels Research Award
Ian M. Adcock (London, United Kingdom), Pieter S. Hiemstra (Leiden, Netherlands)

08:40 From the bench: promising new targets and molecules. Induced pluripotent stem cells
Hans-Willem Snoeck (New York, United States of America)

09:07 **From the bedside: upcoming new clinical strategies: novel strategies to combat respiratory viral infections**
Sebastian L. Johnston (London, United Kingdom)

09:34 **Drug development: news from “hot” early stage clinical trials: personalised immunotherapy for lung cancer**
Joachim G.J.V. Aerts (ROTTERDAM, Netherlands)

10:02 **What the scientific world is talking about in 2017: imaging**
Hans-Ulrich Kauczor (Heidelberg, Germany)

08:30 - 10:30

Poster Discussion: The many faces of Sarcoidosis

Chairs : Antje Prasse (HANNOVER, Germany), Chair to be confirmed

Safety of corticosteroid therapy in patients with pulmonary sarcoidosis
Ievgeniia Merenkova (Kyiv, Ukraine), Yaroslav Dziublyk

Malondialdehyde and nitrotyrosine as markers of peroxynitrite activity in sarcoidosis
Anna Dubaniewicz (Gdańsk, Poland), Monika Skotarczak, Grzegorz Romanowicz, Jan Marek Słomiński, Leszek Kalinowski

Outcome predictive factors in patients with sarcoidosis
Diana Calaras (CHISINAU, Republic of Moldova), Oxana Munteanu, Zinaida Luchian, Aliona David, Victor Botnaru

In situ analysis by SEM-EDX spectroscopy of 10 sarcoidosis cases from MINASARC study
Mickael Catinon (LYON, France), Cécile Chemarin, Françoise Thivolet, Marianne Kambouchner, Jean-François Bernaudin, Catherine Cavalin, Ana-Maria Sfarghiu, François Arbib, Olivia Freynet, Nathalie Freymond, Jean-François Mornex, Paul-André Rosental, Michel Vincent, Dominique Valeyre, Christophe Pison

Neurological signs in patients with sarcoidosis - is it neurosarcoidosis?
Anna Kempisty (Warszawa, Poland), Katarzyna Blasinska-Przerwa, Elzbieta Marcinkowska, Jan Kus

Fatigue perception and related factors in patients with advanced sarcoidosis and COPD patients
Sevgi Ozalevli (İZMİR, Turkey), İlknur Naz, Deniz Bayraktar, Hulya Dogan Sahin

The role of HLA-DRB1* alleles in prediction of long term prognosis in sarcoidosis
Ezgi Özyılmaz (ADANA, Turkey), Ali Durmaz, Bugra Guzelbaba, Orhan Othman Hasan, Ozlem Goruroglu Ozturk, Sedat Kuleci, Ismail Hanta, Eren Erken, Ali Kocabas

The frequency of etarcept related sarcoidosis
Ezgi Özyılmaz (ADANA, Turkey), Bugra Guzelbaba, Ali Durmaz, Gulsah Orhan, Gozde Sarar, Neslihan Gokcen, Suleyman Ozbek, Eren Erken

Posaconazole in vitro action on peripheral blood mononuclear cells from sarcoidosis patients
Marjeta Tercelj-Zorman (Ljubljana, Slovenia), Sanja Stopinsek, Barbara Salobir, Alojz Ihan, Saša Simčič

Sarcoidosis and neoplasm, a coincidence?
Anna Goljan Geremek (Warszawa, Poland), Monika Czystowska, Agnieszka Skoczylas, Urszula Demkow, Elzbieta Puscinska, Michal Bednarek, Adam Nowinski, Pawel Sliwinski

Gender based differences in radiation-induced lung injury in rats
Fikret Kanat (Konya, Turkey), Esra Çınar, Güler Yavaş, Pinar Karabagli, Fatma Humeyra Yerlikaya, Mecit Suerdem, Baykal Tulek

The granulomas morphology and clinical picture of sarcoidosis.
Olga Denisova (Tomsk, Russian Federation), Inna Palchikova, Igor Purlik, Galina Chernjanskaya, Georgy Chernogoryuk

Human chitotriosidase analysis: a reliable biomarker of sarcoidosis severity
Paolo Cameli (Certaldo, Italy), Elena Bargagli, David Bennett, Nicola Bianchi, Rosa Metella Refini, Paola Rottoli, Giuseppe Cillis

The role of 18-FDG PET/CT in lung sarcoidosis
Zora Pavlović-Popović (Sremska Kamenica, Republic of Serbia), Marija Vukoja, Jasna Mihailović, Nataša Prvulović-Bunović, Silvija Lučić

Functional and symptomatic burden of small fiber neuropathy in sarcoidosis.
Daniel Culver (Cleveland, United States of America), Daiva Bjouras, Albert Dahan, Michael Brines

Interleukin-2 and C-reactive protein in assessing the effectiveness of pulmonary sarcoidosis treatment
Kostiantyn Shvets (Ivano-Frankivsk, Ukraine), Mykola Ostrovskyy, Kseniia Ostrovska, Iryna Savelikhina, Mariana Kulynych-Miskiv, Oleksandr Varunkiv

Evaluation of Impulse Oscillometry in patients with Sarcoidosis
Anjana Talwar (NOIDA (UTTAR PRADESH), India), Nasim Akhtar, Meghashree Sampath, Geetanjali Bade, Anjali Trivedi, Randeep Guleria

08:30 - 10:30

Poster Discussion: How can microbiology and translational research help physicians?

Chairs : Felix C. Ringshausen (Hannover, Germany), Menno M. van der Eerden (Rotterdam, Netherlands)

RHINOSINUSITIS OR SINUSITIS: IS IT THE SAME FROM MICROBIOLOGICAL POINT OF VIEW?

Elena Radtsig (Moscow, Russian Federation), Lubov' Malygina, Evgenia Sel'kova

Clinical characteristics and outcome of patients with E. coli from respiratory samples.

Sonia Schneer (Nahsholim, Israel), Yochai Adir, Nili Stein, Pninit Shaked Mishan, Shifra Ken-Dror, Amir Abramovitch, Ruth Meler, Aysha Khateeb, Michal Shteinberg

Identifying demographics and co-morbidities among hospitalised adults infected with acute Respiratory Syncytial Virus (RSV)

Christopher Huntley (Kingswinford, United Kingdom), Nawaid Ahmad, Annabel Makan, Kootalai Srinivasan, Harmesh Moudgil

Burden of respiratory syncytial virus (RSV) disease in adults: final analysis from a retrospective chart review

Edward Walsh (Rochester, United States of America), Nelson Lee, Ian M. Sander, Robert M. Stolper, Jessica Zakar, Jaimin Mahadevia, Veronique Wyffels, David Myers, Roman Fleishhackl

Modeling polymicrobial infections in the pathogenesis of respiratory diseases

Cristina Cigana (VERONA, VR, Italy), Irene Bianconi, Maura De Simone, Camilla Riva, Rossella Baldan, Barbara Sipione, Daniela Maria Cirillo, Alessandra Bragonzi

Activity of N-acetylcysteine in combination with colistin against a collection of colistin resistant Acinetobacter baumannii clinical isolates

Francesco Sergio (Bresso, MI, Italy), Lucia Pallecchi Pallecchi, Tiziana Di Maggio, Teresa Spanu, Barbara Fiori, Gianmaria Rossolini

Synergistic activity of N-acetylcysteine and colistin against Stenotrophomonas maltophilia

Francesco Sergio (Bresso, MI, Italy), Lucia Pallecchi, Giulia Landini, Tiziana Di Maggio, Samantha Sottotetti, Lisa Cariani, Francesco Blasi, Gianmaria Rossolini

Antimicrobial activity of N-acetylcysteine against Stenotrophomonas maltophilia and Burkholderia cepacia complex grown in planktonic phase and in biofilm

Francesco Sergio (Bresso, MI, Italy), Lucia Pallecchi, Giulia Landini, Tiziana Di Maggio, Lisa Cariani, Francesco Blasi, Gian Maria Rossolini

Pneumolysin mediates neutrophil:platelet aggregation via a P-selectin- and protease-activated receptor-1 (PAR-1)-dependent mechanism

Charles Feldman (Johannesburg, South Africa), Jan G Nel, Chrisna Durandt, Annette J Theron, Gregory R Tintinger, Guy A Richards, Timothy J Mitchell, Ronald Anderson, Roger Pool

Oxygen consumption by polymorphonuclear leukocytes in sputum from patients with acute lower respiratory tract infection

Mette Kolpen (Copenhagen, Denmark), Gabriella Fredman, Pelle Trier Petersen, Andreas Vestergaard Jensen, Pernille Ravn, Daniel Faurholt-Jepsen, Peter øStrup Jensen

Exposure to particulate matter increases pyocyanin production in Pseudomonas aeruginosa

Lisa Miyashita (LONDON, United Kingdom), Naseem Mushtaq, Michele Padovan, Norrice Liu, Jonathan Grigg

A microlised adhesion assay to assess the effect of E-cigarette vapour (ECV) on pneumococcal adhesion to nasal epithelial cells

Lisa Miyashita (LONDON, United Kingdom), Jonathan Grigg

Cigarette smoke redirects Staphylococcus aureus to a virulence phenotype associated with persistent infection

Maisem Laabei (Barcelona, Spain), José Domínguez, Cristina Prat

Positive predictive value of breathprint analysis for clinical remission of acute LRTI and for differentiation between AE-COPD and CAP

Marco Basile (Palermo, Italy), Francesco Scarpitta, Salvatore Battaglia, Marco Santonico, Giorgio Pennazza, Simone Grasso, Raffaele Antonelli-Incalzi, Nicola Scichilone

MCC-IMS Spectral Analyses of Volatile Markers for sensitive Detection of Bacterial Growth

Gunther Becher (Bernau, Germany), Tobias Raessler, Roman Purkhart, Claus Steppert, Sven Schimanski, Werner Schüler, Rolf Graupner

Multicapillary ion mobility spectrometry (MCC-IMS) for early identification of bacteria in vitro

Claus Steppert (Bayreuth, Germany), Tanja Dick, Isabel Steppert, Sven Schimanski, Thomas Bollinger, Roman Purkart, Gunther Becher

The Effect of Care Bundles on Initial Management of COPD Exacerbations

James Butler (Billings, United States of America), Jonathan Myers, Wendy Dreyer

08:30 - 10:30

Poster Discussion: Basic research in lung cancer: a scientific potpourri from genetic alterations to immune cells

Chairs : Digambar Behera (CHANDIGARH (U.T.), India), Chair to be confirmed

LSC - 2017 - Mouse lung adenocarcinoma cell lines as tools to identify novel lung cancer genes

Nikolaos Kanellakis (Patras, Greece), Anastasios Giannou, Theodora Agalioti, Rahul Prashanth Ravindran, Dimitra Zazara, Ioannis Lillis, Ioanna Giopanou, Malamati Vreka, Ian Pavord, Najib Rahman, Ioannis Psallidas, Georgios Stathopoulos

LSC - 2017 - Dereglated SOX2 drives a migratory signature in a novel organotypic model of bronchial dysplasia

Lucia Correia (Cambridge, United Kingdom), Trevor Littlewood, Gerard Evan, Frank McCaughan

LSC - 2017 - Inhibiting the inhibitor: How epigenetic silencing of BAMBI drives the TGF β pathway to enhanced malignancy in human non-small cell lung cancer

Sebastian Marwitz (Borstel, Germany), Dmytro Dvornikov, Karin Müller-Decker, Klaus Rabe, Christian Kugler, Martin Reck, Svetlana Scheufele, Ole Ammerpohl, Ursula Klingmüller, Torsten Goldmann

NTHi-promoted proliferation of K-ras-induced early lung cancer lesions is fully dependent on Toll-like receptor signaling

Christoph Beisswenger (Homburg/Saar, Germany), Christopher Jungnickel, Robert Bals, Philipp Schnabel, Rainer Bohle, Rainer Wiewrodt

Adipocyte-derived exosomes promote lung cancer metastasis by increasing MMP9 activity via transferring MMP3 to lung cancer cells

Weizhong Jin (Hangzhou, China), Jiaoli Wang

Methods of identification lung cancer stem cells: a pilot study.

Agata Raniszewska (Warsaw, Poland), Iwona Kwiecień, Joanna Domagała-Kulawik

Identification of the mobile elements differentially expressed in lung cancer

Macarena Arroyo Varela (MALAGA, Spain), Rocío Bautista Moreno, Rafael Larrosa Jiménez, José Luis De la Cruz Ríos, Manuel Cobo, MG Claros

Salinomycin suppresses TGF- β 1-induced EMT by down-regulating MMP-2,9 via AMPK-SIRT1 pathway in a non-small cell lung cancer

Hak-Ryul Kim (Iksan, Jeonbuk, Republic of Korea), Jae-Sam Jo, Ki-Eun Hwang, Eun-Taik Jeong

LSC - 2017 - Activin-A protects against lung cancer progression by potentiating anti-tumor immunity

Ioannis Morianos (Athens, Greece), Maria Semitekolou, Dimitris Stellas, Clementine Bonstatzoglou, Mina Gaga, Georgina Xanthou-Tsigkoglou

The Role of Signal Transducer and Activator of Transcription protein 1 (STAT1) in a murine model of lung adenocarcinoma (ADC)

Juliane Friedrich (Erlangen, Germany), Bettina Kroß, Sonja Trump, Corinna Holzinger, Mircea Chiriac, Susetta Finotto

Bile acid receptor mediates cancer-associated fibroblasts-induced migration and invasion of non-small cell lung cancer cells

Wenjie You (Shanghai, China), Xueqing Liu, Shan Xue, Handong Jiang

Oncogenic potential of MET SEMA mutations affecting brain metastases from NSCLC is sustained by their microrheological features

Giulia Maria Stella (Pavia, Italy), Rebecca Senetta, Alice Balderacchi, Paola Cassoni, Paolo Comoglio, Silvia Benvenuti

Hypoxia Promotes Human NSCLC Cell Line A549 Motility and EMT Through Extracellular HSP90

Hangming Dong (Guangzhou, Guangdong, China), Yilan Wei, Xuan Wan, Shaoyi Cai

The role of NFATc1 in T cell responses during the development of NSCLC

Lisanne Heim (Erlangen, Germany), Bettina Kroß, Corinna Holzinger, Susanne Mittler, Denis Trufa, Horia Sirbu, Ralf Rieker, Susetta Finotto

Association between polymorphisms in microRNA target sites using CLASH data and survival of early-stage non-small cell lung cancer

Seung Soo Yoo (Daegu, Republic of Korea), Mi Jeong Hong, Jin Eun Choi, Hong Geun Oh, Young Hun Lee, Hyewon Seo, Hyun Jung Kim, Shin Yup Lee, Jaehee Lee, Seung Ick Cha, Chang Ho Kim, Yangki Seok, Eungbae Lee, Sukki Cho, Sanghoon Jheon, Jae Yong Park

LSC - 2017 - Exosomal miRNA cargo in non small-cell lung cancer

Toby Mellows (Southampton, United Kingdom), Anastasios Lekkas, Tilman Sanchez-Elsner

LSC - 2017 - Re-education of tumor-associated macrophages by modulating histone deacetylases in lung cancer

Xiang Zheng (Bad Nauheim, Germany)

LSC - 2017 - Tumor-associated macrophages promote inflammasome-dependent lung tumor progression in mice

Michela Terlizzi (Salerno, Italy), Chiara Colarusso, Aldo Pinto, Rosalinda Sorrentino

08:30 - 10:30

Poster Discussion: Management of COPD**Chairs :** Gaetano Caramori (Messina, Italy), Peter M. A. Calverley (Liverpool, United Kingdom)**Improvement of the length tension relation in severe COPD with vilanterol trifenate/fluticasone furoate**

Jenny Jagers (Calgary, AB, Canada), Michael Ji, Giovanni Tagliabue, Eric Wilde, Paul Easton

Effects of add-on treatment with budesonide/formoterol combination in eosinophilic COPD patients

Taisuke Akamatsu (Shizuoka, Japan), Toshihiro Shirai, Yuko Tanaka, Hirofumi Watanabe, Yoshinari Endo, Yukiko Shimoda, Takahito Suzuki, Rie Noguchi, Mika Saigusa, Akito Yamamoto, Yuichiro Shishido, Takefumi Akita, Satoru Morita, Kazuhiro Asada

Blood eosinophilia as predictor for outcomes in COPD exacerbations: a systematic review and meta-analysis

Ralph Elvi Villalobos (Manila, Philippines), Aileen David-Wang

Six months azithromycin treatment in COPD patients with high risk of further exacerbations

Vanya Kostadinova (VARNA, Bulgaria), Yordan Radkov, Temenuga Stoeva, Darina Miteva

Applicability of randomized controlled trials (RCTs) results to real-life patients in COPD

Laurie Pahun (MARSEILLE, France), Pierre-Régis Burgel, Jean-Louis Paillasseur, Nicolas Roche, Pascal Chanez

Symptomatic burden of COPD for patients receiving dual or triple therapy

Stephanie Chen (Gaithersburg, United States of America), Mark Small, Tom Bailey, Leandro Lindner, Xiao Xu

Cardiopulmonary interactions with beta-blockers and inhaled therapy in COPD.

Sunny Jabbal (Dundee, United Kingdom), William Anderson, Philip Short, Ashley Morrison, Arvind Manoharan, Brian Lipworth

Clinically important deterioration in advanced COPD patients using single inhaler triple therapy: results from the FULFIL study

Ian Naya (Uxbridge, United Kingdom), Helen Barnacle, Ruby Birk, Noushin Brealey, Maggie Tabberer, Chang-Qing Zhu, David Lipson

The need for a better identification of COPD-bronchiectasis phenotype

António Fernandes (Oliveira de Azeméis, Portugal), António Fernandes, João Madaleno, Alcide Marques

Effect of phosphodiesterase 4B inhibitor GSK256066 on leukocyte/endothelium interactions from chronic obstructive pulmonary disease: an in vitro study.

Ines Roger (Valencia, Spain), Inés Roger, Anselm Morell, Pilar Ribera, Ricardo Guijarro, Julio Cortijo

Target engagement confirmed in man with a dipeptidyl peptidase 1 inhibitor

Kristina Stenvall (Härlösa, Sweden), John Mo, Muir Russel, Philip Gardiner, Robert Palmer, Alexandra Jauhiainen, Jukka Maenpää, James Root, Bengt Larsson

Population pharmacokinetic (PK) analysis of fluticasone furoate (FF)/umeclidinium (UMEC)/vilanterol (VI) via a single inhaler in patients with COPD (FULFIL)

Rashmi Mehta (Durham, United States of America), Eleni Pefani, Misba Beerah, Helen Barnacle, Ruby Birk, Noushin Brealey, Chang-Qing Zhu, David A. Lipson

Early changes in eDiary COPD symptoms predict trough FEV1 and TDI responders at 12 weeks in the CRYSTAL trial

Konstantinos Kostikas (Basel, Switzerland), Maryam Aalamian-Mattheis, Veronica Anna Pagano, Xavier Nunez, Robert Fogel, Francesco Patalano, Andreas Clemens

Early occurrence of any COPD exacerbation predicts further higher risk of moderate/severe exacerbations regardless of recording tool: the FLAME study

Jadwiga Wedzicha (London, United Kingdom), Francesco Patalano, Steven Shen, Stefan-Marian Frent, Michael Larbig, Robert Fogel, Donald Banerji

Indacaterol/glycopyrronium (IND/GLY) reduces the risk of clinically important deterioration (CID) versus salmeterol/fluticasone (SFC): the FLAME study

Antonio R. Anzueto (San Antonio, United States of America), Konstantinos Kostikas, Steven Shen, Michael Larbig, Francesco Patalano, Robert Fogel, Donald Banerji

Inhaled vilanterol trifenatate/fluticasone furoate (VFF) improves respiratory muscle function and walking performance in severe COPD without change in pulmonary function

Paul A. Easton (Calgary, AB, Canada), Jenny Jagers, Michael Ji, Giovanni Tagliabue, Nicki Scott, Eric Wilde, Malcolm Johnson

NMR-based metabolomics of exhaled breath condensate for assessing the effects of inhaled corticosteroids in COPD patients

Paolo Montuschi (ROMA, RM, Italy), Giuseppe Santini, Nadia Mores, Tim Higenbottam, Alessia Vignoli, Leonardo Tenori, Francesco Macagno, Claudio Luchinat

Pseudomonas infection and home oxygen therapy can increase readmission in patients with acute exacerbation of chronic obstructive pulmonary disease

Young Seok Lee (Seoul, Republic of Korea), Juwhan Choi, Sangmi Chung, Jong Hyun Choi, Jae Kyeom Sim, Jee Youn Oh, Kyung Hoon Min, Gyu Young Hur, Sung Yong Lee, Kyung Ho Kang, Jae Jeong Shim

08:30 - 10:30

Poster Discussion: Assessing the impact of respiratory and sleep problems in children

Chairs : Andrew Wilson (Perth, WA, Australia), Padmaja Subbarao (Toronto, ON, Canada)

How do differences in absolute lung volumes contribute to ethnic differences in spirometry?

Nidhal Gharbawi (LEICESTER, United Kingdom), Manjith Narayanan, Maria Viskaduraki, Erol Gaillard, Caroline Beardsmore

Strict exclusion criteria do not apply for healthy respiratory impedance reference ranges in pre-school aged children

Claire Shackleton (Brisbane, QLD, Australia), Peter Sly, Zoltan Hantos, Robert Ware, Peter Vuillermin, Keith Grimwood, Bence Radics, Zoltan Gingl, Dorottya Czovek, Lawrence Gray

Association of residual function of cystic fibrosis transmembrane conductance regulator and lung clearance index in patients with normal FEV1

Florian Singer (Zürich, Switzerland), Nadine Bernasconi, Sylvia Nyilas, Tobias Ehrenreich, Elisabeth Kieninger, Isabelle Rochat, Alexander Moeller, Philipp Latzin

The natural course of lung volumes in Duchenne Muscular Dystrophy (DMD)

Antonella Lomauro (Milano, MI, Italy), Marianna Romei, Maria Grazia D'Angelo, Andrea Aliverti

Sex- and age-specific wheeze pattern in the first year of life

Hayat Bentouhami (Wilrijk, Belgium), Joost Weyler, Karlien Van den Eynde, Ellie Oostveen

Respiratory reactance at 6 weeks predicts lower respiratory tract illness in early life in a South African birth cohort

Dorottya Czovek (Brisbane, QLD, Australia), Zoltan Hantos, Lauren Willemse, Attie Stadler, Aneesa Vanker, Bence Radics, Gergely Makan, Zoltan Gingl, Graham Hall, Peter Sly, Heather Zar, Diane Gray

Tongue strength evaluation in children with and without sleep disordered breathing

Melania Evangelisti (Rome, Italy), Susy Martella, Mario Barreto, Maria Pia Villa

Obstructive sleep apnea in children and adolescents with Ehlers-Danlos syndrome

Anna Stöberl (Zurich, Switzerland), Thomas Gaisl, Noriane Sievi, Florian Singer, Alexander Moeller, Marianne Rohrbach, Malcolm Kohler, Cecilia Giunta

Severe sleep obstructive apnea in children. Can respiratory polygraphy estimate pulmonary pressure and right heart function?

Leire CastañOs, Olaia Sardon, Paula Corcuera, Erika Rezola, Miren Eizmendi, Maria Angeles Izquierdo, Javier Korta, Eduardo. G. Pérez-Yarza

Comparison of two biomarkers to assess severity of pediatric sleep disordered breathing

Melania Evangelisti (Rome, Italy), Mario Barreto, Marco Del Pozzo, Maria Pia Villa

Significant inconsistencies in the agreement of children's respiratory rate measurements between different observers

Will Daw (Sheffield, United Kingdom), Ruth Kingshott, Heather Elphick

Breathing disorders during sleep in premature infants with bronchopulmonary dysplasia and pulmonary hypertension

Anna Solomakha (Saint-Petersburg, Russian Federation), Natalya Petrova, Dmitriy Ivanov, Yuri Sviryaev

Impaired ribcage muscles function alters ribcage structure in spinal muscle atrophy (SMA) children

Antonella Lomauro (Milano, MI, Italy), Chiara Mastella, Giovanni Baranello, Andrea Aliverti

Early lung function impairment predicts respiratory morbidity in preterm infants with BPD.

Wilhelm Zetterquist (Saltsjobaden, Sweden), Aleksandra Kowalik, Ewa Henckel, Lars Lagerstrand, Kajsa Bohlin

Hyperpolarised gas ventilation MRI detects early lung ventilation heterogeneity in children with primary ciliary dyskinesia

Laurie Smith (Sheffield, United Kingdom), Noreen West, Ho-Fung Chan, Felix Horn, Phil Chetcuti, Eduardo Moya, Helen Marshall, Jim Wild, Graham Norquay, Guilhem Collier, Madhwesha Rao

Functional Magnetic Resonance Imaging as a new additional modality in the assessment of Primary Ciliary Dyskinesia

Sylvia Nyilas (Bern, Switzerland), Grzegorz Bauman, Gregor Sommer, Orso Pusterla, Florian Singer, Christoph Heyer, Anne Schlegtendal, Oliver Bieri, Cordula Koerner- Rettberg, Philipp Latzin

Factors Associated with Cardiopulmonary Endurance in Children Who Undergoing Hematopoietic Stem Cell Transplantation

Vesile Yildiz Kabak (ANKARA, Turkmenistan), Tulin Duger, Duygu Uckan Cetinkaya

Respiratory system impairments in children with mucopolysaccharidoses: Hurler and Hunter syndromes

Liliya Selimzyanova (MOSCOW, Russian Federation), Leyla Namazova-Baranova, Nato Vashakmadze, Elena Vishneva, Anait Gevorkyan, Ludmila Kuzenkova

08:30 - 10:30

Poster Discussion: Assessment and treatment of respiratory muscle function in respiratory physiotherapy**Chairs :** Daniel Langer (Leuven, Belgium), Jennifer Alison (Killara, Australia)**Complementary inspiratory muscle training during pulmonary rehabilitation in COPD patients with inspiratory muscle weakness – A subgroup analysis of a randomized, controlled trial (IMTCO study)**

Rainer Gloeckl (Schoenau am Koenigssee, Germany), Tessa Schneeberger, Inga Jarosch, Noppawan Charususin, Daniel Langer, Klaus Kenn, Rik Gosselink

Relation between training quality, improvements in inspiratory muscle function, and changes in exercise capacity following an inspiratory muscle training intervention (IMTCO study)

Noppawan Charususin (Kessel-Lo (Leuven), Belgium), Rik Gosselink, Marc Decramer, Heleen Demeyer, Alison McConnell, Didier Saey, Francois Maltais, Eric Derom, Stefanie Vermeersch, Yvonne Heijdra, Linda Garms, Rainer Gloeckl, Klaus Kenn, Daniel Langer

The effects of inspiratory muscle training on the perceptions of advanced lung disease patients: A qualitative study

Mariana Hoffman (BELO HORIZONTE/MG, Brazil), Marcella Assis, Valeria Augusto, Bruna Silveira, Verônica Parreira

Inspiratory muscle training with tapered flow resistive loading versus mechanical threshold loading in ICU difficult to wean patients: a pilot study

Mariana Hoffman (BELO HORIZONTE/MG, Brazil), Beatrix Clerckx, Daniel Langer, Rik Gosselink, Marine Van Hollebeke

The effects of inspiratory muscle training in patients with advanced lung disease

Mariana Hoffman (BELO HORIZONTE/MG, Brazil), Bruna Silveira, Marcela Lemos, Valéria Augusto, Verônica Parreira

Effects of inspiratory muscle training in patients with asthma

Veronica Parreira (BELO HORIZONTE/MG, Brazil), Susan Lage, Danielle Gomes, Anna Luisa Corradi, Armêla Andrade, Guilherme Fregonezi, Anna Cláudia Castro

The effects of inspiratory muscle training on aerobic capacity, pulmonary functions and functional status in patients with ankylosing spondylitis

Harun Taskin (Denizli, Turkey), Orçin Telli Atalay, Elif Gür Kabul, Bilge Başak Çalk, Ali Hsan Yıldız, Ümmühan Başlan, Murat Taç, Fahrettin Başak

Baroreflex sensitivity assessment during acute high-intensity inspiratory endurance exercise

Aparecida Catai (SAO CARLOS/SP, Brazil), Vinicius Minatel, Alberto Porta, Patrícia Rehder-Santos, Mariana Oliveira Gois, Bruno Araújo Ribeiro, Richard Ducatti, Renata A. Gonçalves, Meliza Goi Roscani, Ester Silva, Anielle C. M. Takashi

Association between body composition and maximal respiratory pressures in women aged 40-80 years old

Ingrid Azevedo (NATAL/RN, Brazil), saionara câmara, silvana pereira, álvaro maciel, elizabel viana

Respiratory muscle strength is significantly reduced and related to perceived disability in patients with low back pain

Marlon Wong (Coral Gables, United States of America), Magno Formiga, Neil Spielholz, Samuel Cheng, Lawrence Cahalin

Relationship between core stabilizer muscle strength and endurance to respiratory parameters in multiple sclerosis patients

Elif Tugba Donmez (ZMR, Turkey), Sevgi Ozalevli, Aylin Ozgen Alpaydin, Egemen Idiman

Low inspiratory muscle strength is associated with reduced exercise tolerance and poor quality of life in COPD-heart failure overlap

Ligia Oliveira (Cotia, Brazil), Luiz Nery, Alcides Rocha, Flavio Arbex, Luiza Costa, Roberta Ramos, José Neder, Priscila Sperandio

New reference equations for maximal respiratory pressures and maximal voluntary ventilation in the Brazilian population: a multicenter study

Vanessa Resqueti (NATAL/RN, Brazil), Palomma Saldanha Araújo, Ester Silva, Marlene Aparecida Moreno, Arnele Dornelas de Andrade, Guilehre Fregonezi

Respiratory muscle dynamics prediction formulas for inspiration load pressure change

Satoshi Kido (Koshigaya city, Saitama, Japan), Asuka Takahashi, Yu Yoshida, Syuhei Sakurai, Wenwei Yu

Assessment of the mechanism underlying the improvement in ventilation efficiency induced by phasic electrical stimulation during expiration in patients with chronic obstructive pulmonary disease

Kenichi Ito (Ikoma-shi, Nara, Japan), Koji Nonaka, Shuichi Shiranita, Jun Horie, Gaku Shimizu, Atsushi Ogi, Miyuki Okuda, Nao Watanabe, Tatsuo Nozoe

08:30 - 10:30

Oral Presentation: Improve your competences: new directions from medical education

Chairs : Gernot G.U. Rohde (Frankfurt am Main, Germany)

08:30 Utility of electronic tablet-based inhaler technique training.

Reiko Ito (Tokyo, Japan), Yasuhiro Gon, Noriko Kogawa, Shu Hashimoto

08:45 Bronchoscopy simulation training using a three-dimensional printer

Masayuki Nakayama (Shimotsuke, Japan), Shinichi Yamamoto, Naoki Kaneko, Naoko Mato, Hideaki Yamasawa, Masashi Bando, Koichi Hagiwara

09:00 Quality Assurance of a chronic lung disease education program: a pan India initiative

sourabh sinha (gurgaon, India), sandeep bhalla, priyanka gupta, shilpa jain, ambrish mishra, monica barne, sandeep salvi, b. v. muralimohan, d prabhakaran, s nair

- 09:15** **A capacity building model for primary care physicians in management of COPD and Asthma in India**
SANDEEP BHALLA (GURGAON, India), SOURABH SINHA, shilpa jain, priyanka gupta, ambrish mishra, Monica barne, Sundeep Salvi, B V Murali Mohan, D Prabhakaran, S Nair
-
- 09:30** **The COPD-web – participatory development of an internet based tool to support health and an active lifestyle for people with COPD**
Malin Tistad (Falun, Sweden), Sara Lundell, André Nyberg, Maria Wiklund, Karin Wadell
-
- 09:45** **The British Lung Foundation asthma management programme - improving asthma control in adults**
Will Carroll (Staffordshire, United Kingdom), Sadie Clayton, Francis Gilchrist, Martin Allen, Warren Lenney
-
- 10:00** **Structure and dynamics of online patients' communities: the case of Asthma UK and BLF online fora.**
Anna De Simoni (London, United Kingdom), Sagar Joglekar, Stephanie JC Taylor, Anita Patel, Robbie Duschinsky, Neil Coulson, Chris Griffiths, Pietro Panzarasa, Nishanth Sastry, Amrutha Anand, Matt Jameson Evans

08:30 - 10:30

Oral Presentation: Central sleep apnoea: consequences and comorbidities of obstructive sleep apnoea

Chairs : Winfried J. Randerath (Solingen, Germany), Chair to be confirmed

- 08:30** **Distinguishing Patients with Central from Obstructive Sleep Apnea Using Overnight Breath Sound Recordings**
Hisham Alshaer (Toronto, ON, Canada), Richard Hummel, T Douglas Bradley
-
- 08:45** **Loop Gain in Heart Failure Patients with Periodic Breathing**
Marcel Trembl (Solingen, Germany), Catarina Lacerda, Alessandra Castrogiovanni, Ilona Kietzmann, Kerstin Richter, Winfried Randerath
-
- 09:00** **Association of obstructive sleep apnoea but not central sleep apnoea and spheric remodeling of left ventricle in patients with ST-segment elevation anterior myocardial infarction**
Christoph Fisser (REGENSBURG, Germany), Kristina Götz, Andrea Hetzenecker, Kurt Debl, Stefan Buchner, Michael Arzt
-
- 09:15** **Atherosclerosis of the carotid arteries in patients with COPD and obstructive sleep apnea (OSA).**
Olena Krakhmalova (Kharkiv, Ukraine), Olena Izmailova, Yulia Kharchenko, Andrey Nesen
-
- 09:30** **Obstructive sleep apnea is an independent predictor for dyslipidemia: Data from the European Sleep Apnea Database (ESADA)**
Canan Gunduz (Izmir, Turkey), Canan Gündüz, Ozen Basoglu, Jan Hedner, Ding Zou, Maria R. Bonsignore, Holger Hein, Richard Staats, Athanasia Pataka, Ferran Barbe, Pavel Sliwinsky, Ludger Grote
-
- 09:45** **OSA and cancer in Europe: the European Sleep Apnea Database (ESADA) experience**
Athanasia Pataka (Thessaloniki, Greece), Ulla Anttalainen, Sofia Schiza, Izolthi Bouloukaki, Paschalis Steiropoulos, Brian Kent, Richard Staats, Pavol Joppa, Renata Riha, Maria Bonsignore, Pawel Sliwinski, Johan Verbraecken, Ozen Basoglu, Carolina Lombardi, Zoran Dogas, Jan Hedner, . on behalf of the ESADA network
-
- 10:00** **CPAP appears to protect kidney function of patients with OSA.**
James Wingfield Digby (London, United Kingdom), Alexander Mathioudakis, Rosie Heartshorne, Mujtaba Mohammad, Daniel Tewkesbury, Michelle Needham

08:30 - 10:30

Oral Presentation: Monitoring novel biomarkers in asthma

Chairs : Stylianos Loukides (Voula, Greece), Chair to be confirmed

- 08:30** **A simple score for future risk prediction in patients with controlled asthma who undergo a step-down guidelines-based strategy.**
Luis Pérez De Llano (Lugo, Spain), Luis Pérez De Llano, Francisco Carballada, Juan Luis García-Rivero, Isabel Urrutia, Eva Martínez-Moragón, Marina Blanco, Jacinto Ramos, Maria del Carmen Vennera, Vicente Plaza, Pilar Cebollero, Maria Merino
-
- 08:45** **Association between blood eosinophil counts and risk of rehospitalization in patients with asthma**
Marjan Kerkhof (NORFOLK, United Kingdom), Trung N. Tran, Maarten van den Berge, Guy Brusselle, Gokul Gopalan, Rupert Jones, JanWillem Kocks, Andrew Menzies-Gow, Javier Nuevo, Ian Pavord, Sarang Rastogi, David Price

- 09:00** **Is residual volume reversibility a better marker than FEV1 reversibility in diagnosing reversible airway disease in asthma?**
Jose Vempilly (Fresno, United States of America), B Abejie, Ali Rashidian, Vipul Jain, Tim Tyner
- 09:15** **Bronchodilator response and previous lung function decline in relation with exhaled nitric oxide levels in asthma**
Andrei Malinowski (Uppsala, Sweden), Thorarinn Gislason, Mario Olivieri, Anna-Carin Olin, Deborah Jarvis, Christer Janson
- 09:30** **Benralizumab attenuates airway eosinophilopoietic processes in prednisone-dependent asthma**
Roma Sehmi (Hamilton, ON, Canada), Parameswaran Nair, Manali Mukherjee, Hui Fang Lim, Chynna Huang, Katherine Radford, Louis-Philippe Boulet, Delbert Dorscheid, James G. Martin
- 09:45** **Cell counts in severe asthma; concordance of sputum and BAL in Wessex Severe Asthma Cohort**
Thomas Jones (Portsmouth, United Kingdom), Thomas P Brown, Scott Elliott, Hitasha Rupani, Anoop J Chauhan, Kerry Gove, Clair Barber, Laurie Lau, Peter Howarth
- 10:00** **Hair analysis to detect chronic inhaler drug use in asthma or COPD patients**
Dave Hassall (Middlesex, United Kingdom), Noushin Brealey, Wayne Wright, Steve Hughes, Andy West, Ramiya Ravindranath, Francis Warren, Peter Daley-Yates
- 10:15** **Fluctuation Dynamics of Clinical Markers in Asthmatic and Healthy Subjects Challenged with Rhinovirus**
Anirban Sinha (Amsterdam, Netherlands), X Binbin, Veronica Leoni, Edgar Delgado Eckert, Urs Frey, Rene Lutter, Peter J. Sterk

08:30 - 10:30

Oral Presentation: Molecular biology of normal and abnormal lung development

Chairs : Rory Morty (Bad Nauheim, Germany), Chair to be confirmed

- 08:30** **The mesenchymal factors Neuregulin-1 and Leptin modulate alveolar epithelial ion transport**
Mandy Laube (Leipzig, Germany), Fine Wenzel, Isabel Cao, Ulrich Thome
- 09:00** **HMG2 mediated epigenetic regulation of Gata6 controls epithelial WNT signaling during lung development**
Indrabahadur Singh (Bad Nauheim, Germany), Aditi Mehta, Nihan Öztürk, Julio Cordero, Adriana Contreras, Diya Hasan, Claudia Cosentino, Carlos Sebastian, Marcus Krüger, Mario Looso, Thomas Boettger, Hector A Cabrera-Fuentes, Gianni Carraro, Matthew Wheeler, Saverio Bellusci, Raul Mostoslavsky, Werner Seeger, Thomas Braun, Guillermo Barreto
- 09:15** **MiR-154 controls branching morphogenesis and alveologenesis in lung development involving Tgf-signaling.**
Cho-Ming Chao (Gießen, Germany), Gianni Carraro, Zvonimir Rako, Johannes Kolck, Rory Edward Morty, Robbert J. Rottier, Saverio Bellusci
- 09:30** **The role of miR-135b in normal and aberrant post-natal lung development**
Claudio Nardiello (Bad Nauheim, Germany), Jordi Ruiz-Camp, Werner Seeger, Rory Edward Morty
- 09:45** **ROLE OF TRAIL IN THE PATHOGENESIS OF BRONCHOPULMONARY DYSPLASIA (BPD)**
Tayyab Shahzad (Giessen, Germany), Cho-Ming Chao, Saverio Bellusci, Harald Ehrhardt
- 10:00** **Gene regulatory roles for lysyl oxidases in the context of BPD**
Ivana Mizikova (Bad Nauheim, Germany), Francesco Palumbo, Rory Morty, Werner Seeger

08:30 - 10:30

Oral Presentation: Thoracic surgery: preoperative assessment, outcome and complications

Chairs : Stefano Elia (Rome, Italy)

- 08:30** **Virtual-assisted lung mapping (VAL-MAP) for thoracoscopic lung resection is not affected by virtual bronchoscopic navigation software**
Atsushi Kitamura (Tokyo, Japan), Hiroshi Nakaoka, Kohei Okafuji, Kenji Ishii, Ryosuke Tsugitomi, Tomoyuki Tanigawa, Yutaka Tomishima, Torahiko Jinta, Naoki Nishimura, Tomohide Tamura, Yuya Ishikawa, Fumitsugu Kojima, Toru Bando, Masaaki Sato
- 08:45** **Bronchial angle changes and deformation after right upper pulmonary lobectomy.**
SangYun Song (Jeollanamdo, Republic of Korea), Sang Ki Oh, Kook Joo Na, Ju Sik Yun

- 09:00** **Outcomes of a Multi-Disciplinary Team (MDT) for End-Stage Emphysema Patients: Emphysema Index on Computed Tomography identifies Targets for Lung Volume Reduction**
Emilie McCormack, Andrew Hudson, Carole A Ridge, Jim Egan, Oisín O'Connell, Georgina Flood, Donna Eaton, Karen C Redmond
-
- 09:15** **Preliminary Data about Quality Check Evaluation of Italian VATS Group Database**
Luca Bertolaccini (Ravenna, Italy), Alessandro Bertani, Alessandro Gonfiotti, Andrea Droghetti, Duilio Divisi, Roberto Crisci, Piergiorgio Solli, . on behalf of Italian VATS Group
-
- 09:30** **Bayesian Analysis of VATS Lobectomy Expertise in Two Thoracic Surgery Units**
Luca Bertolaccini (Ravenna, Italy), Desideria Argnani, Jury Brandolini, Alessandro Pardolesi, Piergiorgio Solli, Alessandra Criscione, Francesco Borrata, Marco Nardini, Enrica Monaco, Marcello Migliore
-
- 09:45** **The role of lymphopenia in the development and severity of postoperative pulmonary complications after lung surgery**
Sebastian Lugg (Birmingham, United Kingdom), Paula Agostini, Amy Kerr, Maninder Kalkat, Pala Rajesh, Richard Steyn, Ehab Bishay, Babu Naidu, David Thickett, Kerry Adams
-
- 10:00** **Functional Outcomes Long Term Survival and Surgical Risk After Lung Volume Reduction Surgery: A 12-year Single Center Experience.**
Gopal Singh (New York, United States of America), John Vandenberg, Patricia Jellen, Daniel Lambert, William Bulman, Byron Thomashow, Joshua Sonett, Mark Ginsburg

08:30 - 10:30**Oral Presentation: Delivering person-centred care across the spectrum of respiratory nursing**

Chairs : Saskia W. M. Weldam (Utrecht, Netherlands), Anne-Marie Russell (London, United Kingdom)

- 08:30** **Title Development and preliminary psychometric testing of the Respiratory Nurse Sensitive Outcome Indicator tool (RNSOI) for patients with COPD.**
Samantha Prigmore (LONDON, United Kingdom), Ann Caress, Janelle Yorke
-
- 08:45** **Adherence to anti-fibrotic therapy in IPF; the nurses' challenge**
Geraldine Burge (Solihull, United Kingdom), Baljit Ahitan, Emma Briggs, Katie Neighbour, Helen Alldrick, Vicky Moore, Gareth Walters, Sherwood Burge
-
- 09:00** **Boost self-efficacy for better health outcomes in adult asthmatics!**
Malin Axelsson (Malmö, Sweden), Linda Ekerljung, Bo Lundbäck
-
- 09:15** **Florence home health monitoring for people with asthma**
Corinne Clark (Inverness, United Kingdom), Joanne Gilliat
-
- 09:30** **The energy question in COPD Assessment Test (CAT) can screen for fatigue among subjects with COPD**
Caroline Stridsman (Luleå, Sweden), My Svensson, Viktor Johansson Strandkvist, Linnea Hedman, Helena Backman, Anne Lindberg
-
- 09:45** **Symptom burden and oxygen therapy predict poorer quality of life in pulmonary hypertension**
Janelle Yorke (MANCHESTER, United Kingdom), Carl Harries, Paul Sephton, Iain Armstrong
-
- 10:00** **Research priorities for respiratory nursing: A UK-wide Delphi study.**
Carol Kelly (Lancashire, United Kingdom), Andy Kirkaldy, Melissa Pilkington, Matthew Hodson, Lindsey Welch, Janelle Yorke, Kate Kate Knighting

09:00 - 10:30**Professional development workshop: PDW7 Ethical issues in modern day respiratory research and medicine**

Target audience : Allied health professional, Anaesthesiologist, Clinician, Educationalist, Fellow, Intensivist/critical care physician, Junior member, Occupational therapist, Oncologist, Pulmonologist, Researcher, Resident, Respiratory physician, Scientist, Student, TB specialist, Thoracic surgeon, Trainee

Chairs : Sabine Bartel (Borstel, Germany)

- 09:00** **Introduction**
-
- 09:15** **To treat or not to treat- Ethics and decision making in end stage lung disease**
Speaker to be confirmed
-
- 09:45** **Bad scientific practice. How to speed up your career. Or destroy it.**
Matthias Wjst (Munich-Neuherberg, Germany)

10:15 Closing discussion**10:40 - 13:00****Skills workshop: SW15 Clinical, radiological and pathological correlations in lung diseases****Aims :** To demonstrate and discuss the clinical, radiological and pathological correlations in different lung diseases (lung emphysema, interstitial fibrosis and lung cancer) with experienced and less experienced participants.**Track(s) :** Lung cancer Chronic airway diseases Interstitial lung disease and vascular disease**Tag(s) :** Clinical**Target audience :** Anaesthesiologist, Fellow, General practitioner, Junior member, Nurse, Pulmonologist, Radiologist, Researcher, Resident, Respiratory physician, Scientist, Student, Thoracic surgeon, Trainee, Oncologist**Chairs :** Bogdan Dragos Grigoriu (Brussels, Belgium)**Introduction****Lung emphysema**

Hans-Ulrich Kauczor (Heidelberg, Germany)

Interstitial fibrosis

Catherine Beigelman-Aubry (Lausanne, Switzerland)

Lung cancer

Walter De Wever (LEUVEN, Belgium)

Pathology of lung emphysema, interstitial fibrosis and lung cancer

Annette Fisseler-Eckhoff (Wiesbaden, Germany)

10:40 - 13:00**Skills workshop: SW16 Difficult airway management in the intensive care unit****Aims :** To provide an opportunity to receive hands-on training in managing difficult airways with supraglottic devices, fiberoptic techniques and video-assisted intubation.**Track(s) :** Acute and chronic respiratory failure/sleep**Tag(s) :** Clinical**Target audience :** Clinician, Emergency medicine doctor, Intensivist/critical care physician, Nurse, Pulmonologist, Respiratory physician**Chairs :** Cesare Gregoretti (Turin, Italy)**Introduction****How to prepare a safe endotracheal intubation**

Laszlo Szegedi (Dilbeek, Belgium)

Videolaryngoscopes and nasal/oral fiberoptic guided intubation for elective intubation

Mohamed El Tahan (Al Khobar, Saudi Arabia), Cesare Gregoretti (Turin, Italy)

Devices for lung separation and/or isolation

Nandor Marczin (Harefield, United Kingdom), Marcelo Gama De Abreu (Dresden, Germany)

Tracheostomy in the ICU: indications and techniques

Mert Senturk (STANBUL, Turkey), Massimiliano Sorbello (Catania, Italy)

10:45 - 12:45**Symposium: The latest in lung cancer
a personalised affair throughout the continuum****Aims :** Lung cancer is one of the major fields in respiratory medicine - pneumologists have the expertise to treat and guide patients throughout its entire continuum in close collaboration with other relevant disciplines and professions. This session covers four selected hot topics which are in the current scientific spotlight of lung cancer care.**Track(s) :** Lung cancer**Tag(s) :** Clinical**Target audience :** Allied health professional, Clinician, Fellow, General practitioner, Immunologist, Intensivist/critical care physician, Junior member, Nurse, Oncologist, Pathologist, Patient, Pharmaceutical industry representative, Physiologist, Physiotherapist, Psychologist, Pulmonologist, Researcher, Resident, Respiratory physician, Respiratory therapist, Scientist, Social worker, Student, Thoracic endoscopist, Thoracic surgeon, Trainee

Chairs : Jean-Paul Sculier (Brussels, Belgium), Achim Rittmeyer (Immenhausen, Germany)

- 10:45** **CT screening for lung cancer: is it ready for prime time yet or how to enhance pre-test probability?**
David Baldwin (Nottingham, United Kingdom)
-
- 11:15** **Solid, liquid or volatile? What is the latest issue when diagnosing suspicious tissue in thoracic oncology?**
Bryan Hennessy (Dublin, Ireland)
-
- 11:45** **Diagnostic-therapeutic sequences in advanced NSCLC: how to best standardise and personalise your strategies**
Anne-Marie Dingemans (Maastricht, Netherlands)
-
- 12:15** **Immunotherapy in locally advanced and metastasized NSCLC: 2nd line, 1st line, liftoff!**
Nir Peled (Hod Hasharon, Israel)

10:45 - 12:45

Symposium: Respiratory manifestations of gastrointestinal diseases

Aims : To describe the respiratory manifestations of upper and lower gastrointestinal diseases, in particular, gastrointestinal reflux and inflammatory bowel disease. The main respiratory manifestations, including upper airway involvement, are COPD, bronchial asthma, cystic and non-cystic bronchiectasis, obstructive sleep apnoea, lung parenchyma like that seen in IPF, and aspiration pneumonitis. These will be discussed.

Tag(s) : Clinical

Target audience : Allergologist, Clinician, Educationalist, Fellow, General practitioner, Immunologist, Junior member, Lung function technician, Otolaryngologist, Paediatrician, Pathologist, Patient, Pharmaceutical industry representative, Pulmonologist, Radiologist, Researcher, Resident, Respiratory physician, Respiratory therapist, Scientist, Sleep specialist/technologist, Student

Chairs : Sara Tomassetti (Forlì, FO, Italy), Marlies S. Wijsenbeek (Rotterdam, Netherlands)

- 10:45** **Inflammatory bowel diseases and respiratory manifestations**
Philippe Camus (Dijon, France)
-
- 11:15** **Oesophageal disorders and lung injury**
Michael Kreuter (Heidelberg, Germany)
-
- 11:45** **Pancreatic disorders and lung manifestations**
Elisabeth Bendstrup (Vejle, Denmark)
-
- 12:15** **Hepatic diseases and lung manifestations**
Roberto Rodriguez Roisin (Barcelona, Spain)

10:45 - 12:45

Symposium: Heterogeneity in COPD inflammation: implications for therapy and clinical outcomes

Aims : This scientific symposium aims to bring together pathologists, pharmacologists, and clinician scientists to discuss the heterogeneity in the mechanisms of inflammation in COPD, their link with therapy, and their association with altered lung structure and function. The specific aims of the session are (1) to provide insights into the nature and interpatient heterogeneity of the inflammatory response in COPD; (2) to link interpatient heterogeneity in inflammation to clinical outcomes and personalised therapy; and (3) to understand the nature and origin of the heterogeneity in the structural and functional changes in the COPD lung.

Track(s) : Chronic airway diseases

Target audience : Clinician, Junior member, Pathologist, Patient, Pharmaceutical industry representative, Physiologist, Pulmonologist, Researcher, Resident, Respiratory physician, Scientist, Student, Trainee

Chairs : Guy Brusselle (Ghent, Belgium), Maria Rosa Faner Canet (Barcelona, Spain), Peter J. Barnes (London, United Kingdom)

- 10:45** **Gene expression signatures in airway and nasal epithelium of COPD: linking endotypes to clinical outcomes**
Maarten van den Berge (Groningen, Netherlands)
-
- 11:15** **Heterogeneity in the clinical outcomes of COPD: lessons from the ECLIPSE study**
Jørgen Vestbo (Manchester, United Kingdom)
-
- 11:45** **Molecular variations underlying the heterogeneity in lung function in COPD**
Maen Obeidat (Vancouver, Canada)
-
- 12:15** **Relationships between inflammatory markers, response to therapy, and lung function decline**
Jadwiga Wedzicha (London, United Kingdom)

10:45 - 12:45

Symposium: Cystic fibrosis in children and adults: treatment dilemmas

Aims : The aim of this symposium is to highlight four areas of treatment in children and adults with cystic fibrosis that contain controversies and dilemmas, namely, the lung microbiome, newer anti-inflammatory therapies, nutrition, and adherence to treatment. Evidence that suggests how to resolve these problems will be described and discussed.

Track(s) : Respiratory infections Chronic airway diseases

Tag(s) : Paediatric

Target audience : Allied health professional, Clinician, Fellow, Junior member, Nurse, Paediatrician, Pharmaceutical industry representative, Pulmonologist, Researcher, Resident, Respiratory physician, Trainee

Chairs : Jane C. Davies (London, United Kingdom), Pierre-Régis Burgel (Paris, France)

10:45 Ceremony for ERS Excellence Award for Research in Cystic Fibrosis
Ian Balfour-Lynn (London, United Kingdom)

10:55 Treating infection or the whole microbiome: which microbes do not matter?
Pavel Drevinec (Praha, Czech Republic)

11:19 Treating inflammation: should we bother?
Ian Balfour-Lynn (London, United Kingdom)

11:43 Treating nutrition: what about the patient's appetite?
Carla Colombo (Milan, Italy)

12:07 Patient testimonial
Zoe Elliot (Nottingham, United Kingdom)

12:19 Treating non-adherence: the rest is pointless if the drugs stay in the cupboard!
Trudy Havermans (LEUVEN, Belgium)

10:45 - 12:45

Hot topics: Global challenges in respiratory medicine

Aims : To critically review and assess the current issues and challenges in the treatment and prevention of high-incidence and rare respiratory infections. To describe the available options to address the mismanagement of current public health threats.

Track(s) : Respiratory infections

Tag(s) : Basic translational science, Clinical

Target audience : Allied health professional, Clinician, Emergency medicine doctor, Epidemiologist, Fellow, General practitioner, Immunologist, Intensivist/critical care physician, Junior member, Microbiologist, Paediatrician, Pathologist, Patient, Pharmaceutical industry representative, Public health official, Pulmonologist, Radiologist, Researcher, Resident, Respiratory physician, Scientist, Student, TB specialist, Thoracic surgeon, Trainee

Chairs : Aran Singanayagam (London, United Kingdom), Antoni Torres (Barcelona, Spain)

10:45 Impact of neglected tropical diseases on lung health
Charles Feldman (Johannesburg, South Africa)

11:15 Promises and challenges of new TB treatment regimens
Andreas Henri Diacon (Tygerberg, South Africa)

11:45 Pneumococcal vaccination practices and recommendations around the world
Speaker to be confirmed

12:15 Influenza vaccine hesitancy and effectiveness: the role of the influenza virus fitness
Speaker to be confirmed

10:45 - 12:45

Session: Joint ERS/ATS session on microbiome: can we translate microbiome from basic science to clinical practice?

Aims : This symposium will focus on the understanding of the microbiome in health and respiratory disease conditions and its potential contribution for the future management of respiratory diseases.

Track(s) : Respiratory infections**Tag(s) :** Basic translational science**Target audience :** Allied health professional, Pathologist, Clinician, Emergency medicine doctor, General practitioner, Fellow, Epidemiologist, Junior member, Intensivist/critical care physician, Occupational therapist, Physiologist, Microbiologist, Trainee, Student, Scientist, Pulmonologist, Researcher, Respiratory physician**Chairs :** Antonio R. Anzueto (San Antonio, United States of America), Erika von Mutius (Munich, Germany)**10:45** **The source, richness and diversity of the lung microbiome**
Robert Dickson (Ann Arbor, United States of America)**11:15** **Host-microbiome interaction in the respiratory health**
Benjamin Marsland (Epalinges, Switzerland)**11:45** **The microbiome in chronic respiratory diseases**
Sanjay Sethi (Buffalo, NY, United States of America)**12:15** **What may come from microbiome in diagnosis, prevention and treatment opportunities of respiratory diseases?**
Debby Bogaert (Utrecht, Netherlands)**10:45 - 12:45****Session: Live endoscopy: ILD and emphysema****Aims :** Live endoscopy sessions will offer real-time insight in to some of respiratory medicine's most important clinical procedures – providing delegates with an opportunity to witness procedures carried out by experts followed by question and answer sessions. The live endoscopy sessions present fascinating opportunities for clinicians to learn more about a range of endoscopic techniques and discuss their applications and effectiveness.**Tag(s) :** Clinical**Target audience :** Allied health professional, Clinician, Fellow, General practitioner, Intensivist/critical care physician, Nurse, Physiologist, Physiotherapist, Psychologist, Radiologist, Student**Chairs :** Venerino Poletti (Forlì, Italy), Dirk-Jan Slebos (Groningen, Netherlands), Martina Bonifazi (Ancona, AN, Italy)**10:45** **Introductory lecture: bronchoscopic interventions for ILD**
Venerino Poletti (Forlì, Italy)**10:55** **EBUS-TBNA in sarcoidosis**
Rocco Trisolini (Bologna, BO, Italy), Maren Schuhmann (Heidelberg, Germany)**11:15** **CLE followed by cryobiopsy in ILD**
Jouke T. Annema (Amsterdam, Netherlands), Jürgen Hetzel (Tuebningen, Germany), Lizzy Wijmans (Amsterdam, Netherlands)**11:35** **Introductory lecture: bronchoscopic interventions for emphysema**
Dirk-Jan Slebos (Groningen, Netherlands)**11:45** **Valves in emphysema**
Michela Bezzi (Firenze, Italy), Ralf Eberhardt (Heidelberg, Germany)**12:05** **Coils in emphysema**
Stefano Gasparini (Ancona, Italy), Martin Hetzel (Stuttgart, Germany)**12:30** **MCQ and Concluding remarks**
Venerino Poletti (Forlì, Italy), Dirk-Jan Slebos (Groningen, Netherlands)**10:45 - 12:45****Poster Discussion: Best abstracts in physical activity and management of COPD****Chairs :** Michael Steiner (LEICESTER, United Kingdom), Zafeiris Louvaris (LEUVEN, Belgium)**Acute effects of non-invasive ventilation during exercise in hypercapnic COPD patients – preliminary results of a randomized cross-over trial**

Rainer Gloeckl (Schoenau am Koenigssee, Germany), Julian Oversohl, Vasileios Andrianopoulos, Antje Stegemann, Klaus Kenn

Relationship between physical activity, muscle thickness, and echo intensity in patients with chronic obstructive pulmonary disease: a cross-sectional study.

Akira Tamaki (Kobe, Japan), Genki Kawaura, Chiharu Fujisawa, Hideki Ikushima

Palliative and end of life care conversations in COPD - a systematic literature review

Nuno Tavares (Portsmouth, United Kingdom), Nikki Jarrett, Katherine Hunt, Tom Wilkinson

Physical activity of patients with occupational lung diseases

Katrin Mueller (Leipzig, Germany), Nicola Kotschy-Lang, Silke König, Petra Wagner

Longitudinal change in self-reported physical activity (SRPA) is useful among patients with COPD

David Coultas (Portland, United States of America), Bradford Jackson, Karan Singh, Sejong Bae

Inspiratory muscle training in patients with pulmonary hypertension:pilot study

Elif Develi (istanbul, Turkey), Goksen Kuran Aslan, Buket Akinci, Bekir Yeldan, Gulfer Okumus

Effects of self-management action plans for COPD patients with comorbidities on health status and self-efficacy

Anke Lenferink (Oldenzaal, Netherlands), Job van der Palen, Paul van der Valk, Paul Cafarella, Anneke van Veen, Steve Quinn, C Groothuis-Oudshoorn, Morton Burt, Mary Young, Peter Frith, Tanja Effing

IS IRON DEFICIENCY MODULATING PHYSICAL ACTIVITY IN COPD?Diego Agustin Rodriguez Chiaradia (BARCELONA, Spain), Anna Rodó-Pin, Antonio Sancho-Muñoz, Ignacio Vicente, Mireia Admetllo, Juana M^a Martinez-Llorens, Joaquim Gea, Lluís Molina**An exploration of physical activity and sedentary behaviour during hospitalisation for acute exacerbation of chronic respiratory diseases**

Ismet Boral (LEICESTER, United Kingdom), Mark Orme, Theresa Harvey-Dunstan, Neil Greening, Syed Hussain, Michael Morgan, Michael Steiner, Sally Singh

Effect of tele healthcare on quality of life in patients with severe COPD: a randomized clinical trial

Charlotte Suppli Ulrik (Virum, Denmark), Oliver Tupper, Gregersen Thorbjørn L, Thomas Ringbæk, Eva Brøndum, Ejvind Frausing, Allan Green

Accuracy of a transcutaneous carbon dioxide monitor during the 6-minute walk test in COPD patients - a pilot study

Tessa Schneeberger (Schönau am Königssee, Germany), Vasileios Andrianopoulos, Rainer Gloeckl, Inga Jarosch, Klaus Kenn

Ensemble machine learning for the early detection of COPD exacerbations

Habiboulaye Amadou Boubacar (Jouy-en-Josas, France), Joëlle Texereau

Can introduction of palliative care limit ICU, emergency and hospital admissions in severe COPD?

Jean-Paul Janssens (Genève, Switzerland), Catherine Weber, Jérôme Stirnemann, François Herrmann, Chloé Cantero, Caroline Matis, Ludvine Boiche-Brouillard, Roselyne Merlet-Viollet, Sophie Pautex

Rectus femoris cross-sectional area in COPD: are there functionally relevant cut-points?

Suhani Patel (Harefield, United Kingdom), Claire M Nolan, Ruth E Barker, Sarah E Jones, Matthew M Maddocks, Samantha SC Kon, Michael I Polkey, William D-C Man

Palliation and the use of diagnostic tests in patients dying in hospital from COPD

Lauren Ross (Kensington, Australia), John Taverner, Claire Bartlett, Jennifer Philip, Louis Irving, Natasha Smallwood

Screening for COPD and asthma in acutely admitted psychiatric patients: feasible and with a low number of patients needed to screen.

Uffe Bodtger (Holmegaard, Denmark), Julie M Midtgarden, Nicolai Renstrom

Long-term nasal high flow treatment with oxygen in COPD - exacerbations, admissions and mortality

Ulla Weinreich (Ålborg, Denmark), Line Storgaard, Hans Hockey

The longitudinal association of daily physical activity and symptoms of exacerbations in COPD patients

Sarah Crook (Zürich, Switzerland), Gilbert Büsching, Stephan Keusch, Alexander Turk, Martin Frey, Milo A. Puhan, Anja Frei, Tsung Yu

10:45 - 12:45

Poster Discussion: MDRTB: detection and management**Chairs :** Heinke Kunst (LONDON, United Kingdom), Dumitru Chesov (Chisinau, Republic of Moldova)**Is prevalence of MDR TB and XDR TB decreasing in a tertiary care hospital in India?**

Madhav Kale (PUNE (MAHARASHTRA), India), Parag Khatavkar, Meenakshi Satpute, Nilima Telang

Linezolid Experience Among MDR-TB Patients in Mumbai

Jeffrey Tornheim (Baltimore, United States of America), Shashank Ganatra, Andrea Deluca, Radhika Banka, Camilla Rodrigues, Amita Gupta, Zarir Udwadia

Bedaquiline-containing regimens for chronic XDR-TB patients: up to 120 weeks after initiation

Sergey Borisov (Moscow, Russian Federation), Alex Filippov, Taisiya Ivanushkina, Diana Ivanova, Natalia Litvinova

Simultaneous detection of XDR genetic determinants and Mycobacterium tuberculosis genotyping by TB-TEST.

Elena Nosova (Moscow, Russian Federation), Anastasia Khakhalina, Alexandra Isakova, Ksenia Galkina, Maria Krasnova, Marina Makarova, Lyumila Krilova, George Freiman, Svetlana Safonova

Rapid Detection of Isoniazid and Rifampicin Resistance in Mycobacterium tuberculosis Strains Using Allele-specific PCR

Govind Narayan Srivastava (VARANASI (UTTAR PRADESH), India), Pallavi Sinha, Shampa Anupurba

Impact of Xpert MTB/RIF assay on MDR-TB treatment success rates in Ugu District Kwazulu Natal, South Africa.

Tamirirashé Christopher Mahwire (Port Shepstone, South Africa), Moleen Zunza, Pren Naidoo

MDR-TB treatment efficacy according of conventional method and Xpert MTB/RIF results in Republic of Moldova.

Alina Malic (Chisinau, Republic of Moldova), Valentina Vilc

Impact of mono- and poli-resistance on the treatment outcomes of pulmonary tuberculosis

Lesnic Evelina (Chisinau, Republic of Moldova), Adriana Niguleanu, Aurelia Ustian

The efficiency of including the II-line drugs to the treatment regimen of isoniazid-resistant tuberculosis.

Olga Hovardovska (Kharkiv, Ukraine), Olga Schevchenko

Treatment outcomes in patients with multidrug-resistant tuberculosis in Japan, 2011-2013

NOBUYUKI KOBAYASHI (Kiyose, Tokyo, Japan), TOSHIO HATTORI, SHAMIMA AKTER, TETSUYA MIZOUE, KEN OHTA

Totally implantable central venous access ports for M/XDR-TB treatment

Aliaksandr Skrahin (MINSK, Belarus), Dmitri Pechinski, Nikolai Makovski, Kirill Dobysh, Animesh Sinha, Mikhail Kmyz, Hanna Hlushanina, Alena Skrahina

Features of intravenous anti TB therapy in patients with first diagnosed pulmonary TB in the intensive phase of treatment

Mykhailo Kuzhko (Kyiv, Ukraine), Mykola Gumeniuk, Dmytro Butov, Tetiana Tlustova, Oleksii Denysov, Tetiana Sprynsian

Video observed treatment for tuberculosis patients in Belarus

Alena Skrahina (Minsk region, Belarus), Dennis Falzon, Valiantsin Rusovich, Liudmila Zhylevich, Masoud Dara, Heorhi Sinkou, Pierpaolo de Colombani, Andrei Dadu, Alistair Story, Viatcheslav Grankov, Henadz Hurevich

Retrospective case-control study of risk factors for recurrent tuberculosis in Singapore

Suay Hong Gan (Singapore, Singapore), Kyi Win Khinmar, Cynthia Bin Eng Chee, Leo Kang Yang Leo, Vernon Jian Ming Lee, Yee Tang Wang

Changes in the lung in radiological studies in children with a positive tuberculin skin test.

Pavel Gavrilov (ST PETERSBURG, Russian Federation), Anna Starshinova, Xenia Pribytok, Anastasia Sinitcina

The potentials of multi-slice computed tomography (MSCT) and single-photon emission computed tomography (SPECT) in differentiation of pulmonary granulomatoses

Rasul Amanshedov (Moscow, Russian Federation), Andrey Perfiliev, Anatoly Sigaev, Larisa Lepekha, Olga Demikhova, Atadzhan Ergeshov

Express detection and differentiation of M. tuberculosis and nontuberculous mycobacteria in samples

Atadzhan Ergeshov (Staraya Kupavna, Russian Federation), Tatiana Smirnova, Vera Ustinova, Irina Andrievskaya, Sofia Andreevskaya, Elena Larionova, Larisa Chernousova

10:45 - 12:45

Poster Discussion: Cellular signalling pathways in pulmonary fibrosis

Chairs : Janette K. Burgess (Groningen, Netherlands), Chair to be confirmed

Proteome turnover analysis in human lung scaffold cultures with stable isotope labelling

Oskar Johansson (Lund, Sweden), Emma Åhrman, Catharina Müller, Linda Elowsson, Leif Eriksson, Xiao-Hong Zhou, Oskar Hallgren, Anders Malmström, Anna-Karin Larsson-Callerfelt, Gunilla Westergren-Thorsson, Johan Malmström

LSC - 2017 - mTOR-mediated cap-dependent translation is essential for human lung myofibroblast differentiation and collagen I synthesis

Jessica Eley (London, United Kingdom), Hannah V Woodcock, Carmel B Nanthakumar, Paul F Mercer, Rachel C Chambers

LSC - 2017 - RNA-Seq analysis reveals major differences between the effects of rapamycin and dual mTORC1/2 inhibition during TGF β 1-induced myofibroblast differentiation

Manuela Platé (London, United Kingdom), Hannah Woodcock, Paul F. Mercer, Adam Taylor, Andy Blanchard, Rachel C. Chambers

LSC - 2017 - Targeting glucose metabolism in experimental lung injury and fibrosis

Ellen Forty (London, United Kingdom), Ilan Azuelos, Tammy Kalber, Thibault Gendron, May Zaw-Thin, Giovanni Vitulli, John Barrett, Dimitrios Anastasiou, Paul Mercer, Andy Blanchard, Rachel Chambers

Azithromycin-mediated CHIP regulation promotes proteasomal degradation of NOX4.

Kazuya Tsubouchi (Tokyo, Japan), Jun Araya, Shunsuke Minagawa, Hiromichi Hara, Nayuta Saito, Akihiro Ichikawa, Nahoko Sato, Masahiro Yoshida, Yusuke Kurita, Takanori Numata, Yumi Kaneko, Katsutoshi Nakayama, Kazuyoshi Kuwano

Protein tyrosine phosphatase-alpha (PTP α) promotes profibrotic responses in lung fibroblasts

Gregory P. Downey (Denver, United States of America), Yael Aschner

Modulation of collagen formation and crosslinking in the Scar-in-a-Jar model

Jannie Sand (Herlev, Denmark), Diana Leeming, Federica Genovese, Morten Karsdal, Simon Cruwys, Sarah Brockbank

Evaluation of novel LOXL2-selective inhibitors in models of pulmonary fibrosis

James Roberts (Southampton, United Kingdom), Victoria Tear, Kerry Lunn, Lucy Cao, James Murphy, Chiko Shimbori, Jewel Imani, Karun Tandon, Ehab Ayaub, Mark Jones, Donna Davies, Wolfgang Jarolimek, Kjetil Ask, Jack Gaudie, Martin Kolb, Phillip Monk

Macrophages induce a divergent fibrotic response, in human lung fibroblasts, compared to TGF- α alone

Natasja Gudmann (Herlev, Denmark), Samuel J. Daniels, Mette J. Nielsen, Diana J. Leeming, Detlef Schuppan, Morten A. Karsdal

Nintedanib prevents IL-6-mediated secretion of CCL-18 in alternatively activated macrophages and transition of fibroblasts to myofibroblasts

Kjetil Ask (Hamilton, ON, Canada), Karun Tandon, Ehab Ayaub, James Murphy, Pavithra Parthasarathy, Nafis Wazed, Hemisha Patel, Anmar Ayob, Martin Kolb, Stefan-Lutz Wollin, Franziska Herrmann, Maximilian Ackermann

Elevated integrin α 5 expression in idiopathic pulmonary fibrosis (IPF) derived fibroblasts is linked to paracrine TNF- α signaling

Gali Epstein Shochet (Kfar-Saba, Israel), Elizabetha Brook, Lilach Israeli-Shani, David Shitrit, Evgeny Edelstein

Feasibility, distribution, and efficacy of an inhaled oligonucleotide mimic of miR-29 for pulmonary fibrosis induced by bleomycin in rats

Rusty Montgomery (Boulder, United States of America), Guoying Yu, Farida Ahangari, Jose Herazo-Maya, Linda Pestano, Christina Dalby, Brent Dickinson, Catherine Nicholas, Corrie Gallant-Behm, Jeremy Brower, Philip Kuehl, Jacob McDonald, Naftali Kaminski

Dual-targeting of peripheral cannabinoid-1 receptors and inducible NO synthase in pulmonary fibrosis

Resat Cinar (Rockville, United States of America), Bernadette Gochuico, Malliga Iyer, Joshua Park, Nathan Coffey, Tadafumi Yokoyama, Tony Jourdan, William Gahl, George Kunos

Alveolar type 2 cell dysfunction from expression of a surfactant protein C (SFTPC) mutation drives a fibrotic lung phenotype in mice

Michael Beers (Wayne, United States of America), Yaniv Tomer, Scott Russo, Alessandro Venosa, Surafel Mulugeta, Shin-Ichi Nureki

LSC - 2017 - Senolytic drugs target alveolar epithelial cell function and attenuate experimental lung fibrosis ex vivo

Mareike Lehmann (München, Germany), Kathrin Mutze, Martina Korfei, Stephan Klee, Darcy Wagner, Rita Costa, Herbert Schiller, Andreas Günther, Melanie Königshoff

Alpha1-Antitrypsin reduces endoplasmic reticulum stress, inflammatory cytokines and improves wound repair in alveolar epithelial cells of fibrotic lung in vitro

Izabela Nita (Bern, Switzerland), Cedric Vonarburg, Rolf Spirig, Sylvia Miescher, Thomas Geiser, Amiq Gazdhar

Consensus network analysis reveals pathways associated with lung function decline in both COPD and IPF

John McDonough (LEUVEN, Belgium), Bart Vanaudenaerde, Wim Wuyts, Naftali Kaminski

10:45 - 12:45

Poster Discussion: Outcomes and New Treatment Strategies in Pulmonary Hypertension

Chairs : Marc Humbert (Paris, France), Rogério De Souza (Sao Paulo, Brazil)

Is there an obesity paradox in pulmonary arterial hypertension?

Jason Weatherald (Calgary, AB, Canada), Alice Huertas, Athénaïs Boucly, Olivier Sitbon, Marc Humbert, Gérald Simonneau, David Montani, Laurent Savale, Xavier Jaïs

Hispanic patients with pulmonary arterial hypertension: Preliminary results from a contemporary national registry

Jose Gomez-Arroyo (Cincinnati, United States of America), Claudia E. Guillen, Jorge Daniel Sierra-Lara, Jose Manuel Arriaga-Lopez, Rodrigo Zebadua-Torres, Jorge Padilla-Ibarra, Nayeli Zayas, Tomas Pulido-Zamudio, Julio Sandoval

Supraventricular Arrhythmias in Pulmonary Arterial Hypertension

Valentina Mercurio (napoli, Italy), Grace Peloquin, Khalil Bourji, Blessing Enobun, Traci Houston, Todd Kolb, Rachel Damico, Stephen Mathai, Paul Hassoun

Effect of targeted therapies on survival of schistosomiasis associated pulmonary arterial hypertension

Bruna Mamprim Piloto (SAO PAULO/SP, Brazil), Marcela Araújo Castro, Francisca Gavilanes, José Leonidas Alves Jr., Luis Felipe Lopes Prada, Luciana Tamie Kato Morinaga, Susana Hoette, Carlos Jardim, Caio Julio Cesar dos Santos Fernandes, Rogerio Souza

Clinical phenotypes and outcomes of pulmonary hypertension due to left heart disease: role of the pre-capillary component

Sergio Caravita (Milano, MI, Italy), Andrea Faini, Antoine Bondue, Robert Naeije, Gianfranco Parati, Jean-Luc Vachiéry

Outcomes of patients with precapillary pulmonary hypertension admitted to an intensive care unit for acute right heart failure.

Laurent Savale (Le Kremlin Bicêtre, France), Constance Vuillard, Xavier Jaïs, Caroline Sattler, Athénaïs Boucly, David Montani, Gerald Simonneau, Olivier Sitbon, Marc Humbert

Risk categories from European guidelines applied to the French Pulmonary Hypertension (PH) registry

Athénaïs Boucly (PARIS, France), Jason Weatherald, Xavier Jaïs, Vincent Cottin, Laurent Savale, Grégoire Prévot, François Picard, Pascal De Groote, Caroline O'Connell, Emmanuel Bergot, Ari Chaouat, Celine Chabanne, Arnaud Bourdin, Laurence Rottat, David Montani, Gerald Simonneau, Marc Humbert, Olivier Sitbon

Multi-step therapy with riociguat, balloon pulmonary angioplasty, and cardiac rehabilitation for inoperable chronic thromboembolic pulmonary hypertension

Shigefumi Fukui (Osaka, Japan), Takeshi Ogo, Yoichi Goto, Nao Konagai, Ryotaro Asano, Jin Ueda, Akihiro Tsuji, Yoshiaki Morita, Tetsuya Fukuda, Norifumi Nakanishi, Satoshi Yasuda

Poor Subpleural Perfusion as a predictor of Failure after Balloon Pulmonary Angioplasty for non-operable Chronic Thromboembolic Pulmonary Hypertension

Yu Taniguchi (Paris, France), Philippe Brenot, Xavier Jaïs, Carlos Garcia, Olivier Planche, Elie Fadel, Marc Humbert, Gérald Simonneau

Audit of disease targeted therapies in adult patients with pulmonary arterial hypertension

Wendy Gin-Sing (London, United Kingdom), Simon Gibbs, Luke Howard, Rachel Davies, George Villa, Margaret Lau-Walker, Geraldine Lee

Effect of long-term oxygen therapy on exercise capacity and quality of life in exercise-desaturating patients with pulmonary arterial or chronic thromboembolic pulmonary hypertension: a randomized-sham-controlled cross-over trial

Silvia Ulrich (Zurich, Switzerland), Stéphanie Saxer, Elisabeth Hasler, Esther Schwarz, Simon Schneider, Micheal Furian, Patrick R. Bader, Mona Lichtblau, Konrad E. Bloch

Initial combination of macitentan and tadalafil in newly diagnosed patients with pulmonary arterial hypertension (PAH): results from the OPTIMA study

Olivier Sitbon (Le Kremlin-Bicêtre, France), Matthieu Canuet, François Picard, Grégoire Prévot, Emmanuel Bergot, Vincent Cottin, Fabrice Bauer, Bruno Degano, Virginie Gressin, Pierre Clerson, Gérald Simonneau

Safety and efficacy of immunoadsorption as an add-on to medical treatment in patients with idiopathic pulmonary arterial hypertension

Benjamin Egenlauf (Heidelberg, Germany), Christian Nagel, Ralf Ewert, Hans Lehmkuhl, Stephan Rosenkranz, Nicola Benjamin, Vedat Schwenger, Felix Herth, Ekkehard Grünig

Safety of riociguat for the treatment of pulmonary hypertension: Data from the EXPERT registry

Henning Gall (Giessen, Germany), Hossein-Ardeschir Ghofrani, Marc Humbert, Gérald Simonneau, Ekkehard Grünig, Hans Klose, Michael Halank, David Langleben, Lisa M. Mielniczuk, Jean-Luc Vachiéry, Hubert Wirtz, Tobias Lange, Pilar Escribano, Douglas S Helmersen, Joanna Pepke-Zaba, Iraklis Tsangaris, Anco Boonstra, Joan Albert Barberá, Repke J. Snijder, Regina Mascherbauer, Marion Delcroix, Miguel Angel Gómez Sánchez, Jens Klotsche, Christian Meier, David Pittrow, Marius M. Hoeper

Ambrisentan and tadalafil as initial combination therapy for pulmonary arterial hypertension: clinical effect and haemodynamic changes. An Italian multicenter retrospective analysis.

Paola Argiento (Cardito, Italy), Emanuele Romeo, Giuseppe Paciocco, Michele Correale, Francesco Lo Giudice, R Prediletto, Marco Corda, Sfetano Ghio, Agostino Mattera Iacono, Dario Vizza, Michele D'Alto

Transitioning pulmonary arterial hypertension patients from bosentan to macitentan: efficacy and safety data.

Mario Santos (PORTO, Portugal), Fabienne Gonçalves, Luísa Carvalho, Abílio Reis

Prognostic impact of exercise pulmonary hypertension

Rudolf Oliveira (SAO PAULO/SP, Brazil), Rudolf Oliveira, Mariana Faria-Urbina, Bradley Maron, Alexander Opatowsky, Aaron Waxman, David Systrom, Wei Huang

10:45 - 12:45

Poster Discussion: Asthma and allergy: from the bench to the bedside

Chairs : Isabelle Vachier (MONTPELLIER, France), Sven-Erik Dahlén (Stockholm, Sweden)

Allergen immunotherapy modulates pro- and antioxidant status patients with bronchial asthma

Lyudmila Lazarenko (Saint-Petersburg, Russian Federation), Galina Sergeeva, Elena Lazutkina

Effect of omalizumab treatment on allergic comorbidities in patients with severe allergic asthma – real life experience from Czech Anti-IgE Registry

Beata Hutyrova (Olomouc, Czech Republic), Jaromir Bystron, Jan Chlumsky, Dagmar Kindlova, Jana Klosova, Irena Krcmova, Bronislava Novotna, Petr Panzner, Petr Pohunek, Olga Ruzickova-Kirchnerova, Vratislav Sedlak, Milan Terl, Petr Vanik, Martina Vasakova, Eva Vernerova, Jaromir Zatloukal

Effectiveness of omalizumab in Canadian patients with allergic asthma: A retrospective study.

Jean-Louis Stril (Dorval, QC, Canada), Sara Chehab, William Yang, Remi Gagnon, Eliofotisti Psaradellis, Emmanouil Rampakakis

Clinical outcome of eosinophilic airway inflammation in chronic airway diseases including nonasthmatic eosinophilic bronchitis

Jaeyoung Cho (Seoul, Republic of Korea), Sun Mi Choi, Jinwoo Lee, Young Sik Park, Sang-Min Lee, Chul-Gyu Yoo, Young Whan Kim, Sung Koo Han, Chang-Hoon Lee

Inhaled corticosteroid related pneumonia in real world among the patients with asthma and COPD

Jae-Woo Kwon (Chuncheon-Si, Gangwon-Do, Republic of Korea), Tae Hwa Go, Seon-Sook Han, Seung-Hwan Lee, Young-Ju Kim, Seung-Joon Lee

AUSTRI and VESTRI LABA Safety studies subgroup analysis of asthma exacerbations and SAEs comparing FSC and FP by ICS dose

Ibrahim Raphiou (RTP, United States of America), Kenneth Kral, Noushin Brealey, Barbara Prillaman, Amanda Emmett, Carlotte Baidoo, Maria Mancuso, Steven Pascoe

Dampness at home and asthma in schoolchildren

Vesna Micevska (Skopje, FYROM (Macedonia)), Emilija Vlaski, Valentina Cvejaska-Colakovska, Lidija Seckova, Mica Kimovska, Tara Ristevska, Angelce Sazdovski

Occurrence of depression in asthmatics and its impact on asthma control and quality of life.

Supreet Batra (DELHI (NEW DELHI), India), Shekhar Kunal, Vishal Bansal, Shailendra Nath Gaur

Factors influencing on influenza vaccination among south korean adult asthma : a nationwide population-based cross-section study

Chang Hoon Han (Koyang, Republic of Korea), Jae Ho Chung

Dupilumab improves all ACQ-5 individual items in patients with chronic rhinosinusitis with nasal polyposis (CRSwNP) and asthma: results from a phase 2a trial

Peter Hellings (Leuven, Belgium), Claus Bachert, Joaquim Mullol, Daniel Hamilos, Robert Naclerio, Vijay Joish, Leda Mannent, Nikhil Amin, Adeline Abbe, Christine Taniou, Gianluca Pirozzi, Neil Graham, Asif Khan

Dupilumab improves lung function and reduces severe exacerbations in uncontrolled persistent asthma patients with ongoing allergic rhinitis

Steven Weinstein (Huntington Beach, CA, United States of America), Heribert Staudinger, Sophie Guillonneau, Christine Taniou, Laurent Eckert, Vijay Joish, Jaman Maroni, Paul Rowe, Nikhil Amin, Gianluca Pirozzi, Neil Graham, Ariel Teper

Dupilumab improves patient-reported outcomes in uncontrolled persistent asthma patients with ongoing allergic rhinitis

Rohit Katial (Denver, United States of America), Vijay N. Joish, Nikhil Amin, Paul Rowe, Jaman Maroni, Gianluca Pirozzi, Neil M.H. Graham, Sophie Guillonneau, Ariel Teper, Laurent Eckert, Christine Taniou

IL-4/13-induced up-regulation of METEORIN-LIKE (ML) in alveolar macrophages promotes epithelial CCR3 expression

Xin Yao (Nanjing, Jiangsu, China), Xiaoyi Yan, Xinyu Jiang, Jie Jiang, Man Jia, Mao Huang

Characterization of CD4-endotypes in severe allergic asthma for future precision medicine

Gudrun Ulrich-Merzenich (Bonn, Germany), Uwe Juergens, Andreas Tüschen, Anastasiia Shcherbakova, Lisa-Joy Juergens, Izabela Tuleta

Endotoxin exposure increases LL-37, but not calprotectin, in healthy human airways

Margaretha Smith (Gothenburg, Sweden), Marit Stockfelt, Sara Tengvall, Peter Bergman, Anders Linden, Ingemar Qvarfordt

Risks for asthma exacerbations in patients with type 2-low endotype

Yumi Ishiyama (Kyoto, Japan), Hisako Matsumoto, Hironobu Sunadome, Yuji Tohda, Takahiro Horiguchi, Hideo Kita, Kazunobu Kuwabara, Keisuke Tomii, Kojiro Otsuka, Masaki Fujimura, Noriyuki Ohkura, Katsuyuki Tomita, Akihito Yokoyama, Hiroshi Ohnishi, Yasutaka Nakano, Tetsuya Oguma, Soichiro Hozawa, Yoshihiro Kanemitsu, Tadao Nagasaki, Isao Ito, Tsuyoshi Oguma, Hideki Inoue, Tomoko Tajiri, Toshiyuki Iwata, Yumi Izuhara, Junya Ono, Shoichiro Ohta, Tomomitsu Hirota, Mayumi Tamari, Tetsuji Yokoyama, Akio Niimi, Kenji Izuhara, Michiaki Mishima

LSC - 2017 - IL-1R1 but not IL-18Rbeta or IL-18BP contribute to the beneficial effects of IL-37 on experimental asthma

Alexandra Schroeder (Borstel, Germany), Lars Lunding, Sina Webering, Christina Vock, Heinz Fehrenbach, Michael Wegmann

LSC - 2017 - Evaluation the effect of bronchoconstriction on airway epithelial cells responses in asthma

Maria Ester Quesada Del Bosque (Southampton, United Kingdom), Hitasha Rupani, Arjana Sivaloganathan, Peter Howarth, Tilman Sanchez-Elsner

10:45 - 12:45

Poster Discussion: Asthma from childhood to adulthood and ACOS

Chairs : Chair to be confirmed

Polysensitization and allergic multimorbidity: the extreme allergy phenotype from childhood to adulthood.

Valerie Siroux (LA TRONCHE, France), Natalia Ballardini, Marion Soler, Christian Lupinek, Anne Boudier, Isabelle Pin, Jocelyne Just, Rachel Nadif, Erik Melen, Rudolf Valenta, Magnus Wickman, Jean Bousquet

Body mass index in childhood is associated with wheeze and asthma in female adults

Sadiyah Hand (NORWICH, United Kingdom), Ken Jones, Iolo Doull

Wheezing Characterisation of the Isle of Wight Birth Cohort at 26 Years

Claire Hodgekiss (Chichester, United Kingdom), Hasan Arsaht, Graham Roberts, John Holloway, Maria Larsson, Ramesh Kurukulaaratchy

Epigenome-wide association study of asthma and wheeze in childhood and adolescence.

Ryan Arathimos (BRISTOL, United Kingdom), Matthew Suderman, Gemma Sharp, Kimberley Burrows, Raquel Granell, Kate Tilling, Rebecca Richmond, Philip Haycock, Caroline Relton

Is LTRA more effective than ICS in asthmatic children with excess weight?

Cristina Longo (Montréal, QC, Canada), Gillian Bartlett, Tibor Schuster, Tracie Barnett, Francine Ducharme

Respiratory health and dietary patterns in adults from ECRHS III

Liliya Chamitava (Verona, Italy), Ioannis Bakolis, Peter G.J. Burney, M. Elisabetta Zanolin, Deborah Jarvis, Vanessa Garcia-Larsen, * on behalf of the ECRHS III Nutrition Working Group

Socioeconomic deprivation and inequalities in asthma care in Wales

Mohammad Al Sallakh (Swansea, United Kingdom), Gwyneth Davies, Ronan Lyons, Sarah Rodgers, Aziz Sheikh

Depression in asthma and rhinitis: preliminary results from the GEIRD study.

Giancarlo Pesce (VERONA, VR, Italy), Davide Grataroli, Pierpaolo Marchetti, Alessandro Marcon, Marcello Ferrari, Alessandro Fois, Giuseppe Verlato, Salvatore Battaglia, Angelo Corsico, Pavilio Piccioni

The role of TRAP exposure in the development and persistence of asthma and low lung function

Gayan Bowatte (Reservoir, Australia), Caroline Lodge, Luke Knibbs, Adrian Lowe, Bircan Erbas, Martine Dennekamp, Jennifer Perret, Graham Giles, Bin Jalaludin, Guy Marks, Michael Abramson, Haydn Walters, Shyamali Dharmage

How often do asthma patients claim prescribed therapy?

Manon Belhassen (LYON, France), Marjorie Bérard, Alexandra Dima, Marine Ginoux, Eric Van Ganse

Outdoor air pollution, 8-isoprostanes and asthma in adults of the EGEA study

Anaïs Havet (Villejuif, France), Anaïs Havet, Farid Zerimech, Margaux Sanchez, Hélène Huyvaert, Nicole Le Moual, Valérie Siroux, Bénédicte Jacquemin, Régis Matran, Rachel Nadif

Sleep disturbances and physical inactivity impair health related quality of life in adult asthmatics

Malin Axelsson (Malmö, Sweden), Mai Leander, Helena Backman, Linnéa Hedman, Eva Rönmark

Incidence and risk factors of chronic airway obstruction (ACOS) in a population-based asthma cohort

Sven-Arne Jansson (Umeå, Sweden), Helena Backman, Anne Lindberg, Bo Lundbäck, Eva Rönmark

The prevalence and symptom profile of asthma-COPD overlap: The HUNT Study

Anne Hildur Henriksen (TRONDHEIM, Norway), Ben Brumpton, Arnulf Langhammer, Xiao-Mei Mai, Sigurd Steinshamm

Therapeutic ratios predict asthma control in the ASTROLAB cohort

Manon Belhassen (LYON, France), Alexandra Dima, Maeva Nolin, Nathalie Texier, Montse Ferrer, Marijn de Bruin, Eric Van Ganse, - Astrolab Group

Thunderstorm Asthma in Australia – characteristics of a silent cohort

Michael J. Abramson (Melbourne, VIC, Australia), Daniel Clayton-Chubb, Kanishka Rangamuwa, David Taylor, Francis Thien, Vikas Wadhwa

Different relations of exhaled nitric oxide with age and ex-smoking in healthy middle-aged men and women

Andrei Malinovski (Uppsala, Sweden), Deborah Jarvis, Mario Olivieri, Anna-Carin Olin, Christer Janson, Thorarinn Gislason

10:45 - 12:45

Oral Presentation: New frontiers in home care management of chronic lung diseases

Chairs : Chair to be confirmed

10:45 **Ambulatory management of acute pulmonary embolism in a UK district hospital**
Thomas Moore, John Corcoran, Elizabeth Henderson, Tina O'Hara, Charlotte Campbell

11:00 **Diaphragm dysfunction in patients with amyotrophic lateral sclerosis**
Aylin Pihtili (KONYA, Turkey), Züleyha Bingöl, Gülfer Okumu, Esen K. Yan

11:15 **Tele-monitoring in paediatric neuromuscular patients requiring home mechanical ventilation, multicentric study**
Federica Trucco (GENOVA, GE, Italy), Marina Pedemonte, Fabrizio Racca, Raffaele Falsaperla, Catia Romano, Anette Wenzel, Paola Tacchetti, Cristina Bella, Claudio Bruno, Carlo Minetti

11:30 **The use of cough assist in children with neuromuscular diseases in a pediatric hospital with neuromuscular and chronic ventilation clinic**
Laura Verweij- van den Oudenrijn (Utrecht, Netherlands), Esther Veldhoen

11:45 **Homecare setting of longterm augmentation therapy in alpha1 antitrypsin deficiency patients leads to clinical stabilization**
Andreas Wilke (BERLIN, Germany), Carmen Gross, Christian Grohé

12:00 **Alpha-1 antitrypsin (A1-PI) treatment slows emphysema progression independent of baseline FEV1**
Joachim Ficker (Herzogenaurach, Germany), Kenneth R. Chapman, Alice Turner, Robert A. Sandhaus, Marion Wencker, Oliver Vit, Michael Fries, N. G. McElvaney

12:15 **Chronic Respiratory Failure in France from 2001 to 2015 in ANTADIR Federation**
Boris Melloni (LIMOGES, France), Line Mounier, Jean-François Muir

10:45 - 12:45

Oral Presentation: IPF: treatment highlights

Chairs : Katerina Antoniou (Heraklion, Crete, Greece), Chair to be confirmed

10:45 **Lung function in patients with idiopathic pulmonary fibrosis (IPF) treated with pirfenidone: real-world results from the PROOF registry**
Wim Wuyts (Rotselaar, Belgium), Caroline Dahlqvist, Hans Slabbynk, Marc Schlessler, Natacha Gusbin, Christophe Compere, Guy F Joos, Sophie Maddens, Evelien Kolkman, Klaus-Uwe Kirchgassler, Karen Bartley, Benjamin Bondue

11:00 **Patterns of discontinuation in the long-term RECAP study of pirfenidone (PFD) in patients with idiopathic pulmonary fibrosis (IPF)**
Ulrich Costabel (ESSEN, Germany), Carlo Albera, Lisa H Lancaster, Joao A de Andrade, Benjamin Trzaskoma, Susan Limb, Paul W Noble

11:15 **PRAISE, a randomized, placebo-controlled, double-blind Phase 2 clinical trial of pamrevlumab (FG-3019) in IPF patients**
Luca Richeldi (Southampton, United Kingdom), Eduard Gorina, Ganesh Raghu, Evans Fernandez Perez, Ulrich Costabel, Carlo Albera, David Lederer, Kevin Flaherty, Neil Ettinger, Peter Bercz, Bhanu Singh, Rafael Perez, Jonathan Goldin, Elias Kouchakji, Seth Porter

11:30 **Incidence of multiple progression events in patients with idiopathic pulmonary fibrosis (IPF) in the pooled CAPACITY and ASCEND trials**
Steven D Nathan (Falls Church, United States of America), Ulrich Costabel, Ian Glaspole, Marilyn K. Glassberg, Lisa H. Lancaster, David J. Lederer, Carlos A. Pereria, Ben Trzaskoma, Susan Limb, Athol U. Wells

11:45 **Long-term nintedanib treatment in idiopathic pulmonary fibrosis (IPF): new data from INPULSIS-ON**
Bruno Crestani (Paris, France), Manuel Quaresma, Mitchell Kaye, Wibke Stansen, Susanne Stowasser, Michael Kreuter

12:00 **Effect of nintedanib on composite physiologic index (CPI) in idiopathic pulmonary fibrosis (IPF)**
Athol Wells (London, United Kingdom), Jürgen Behr, Wibke Stansen, Susanne Stowasser, Toby M. Maher

12:15 **Extracorporeal membrane oxygenation for the treatment of acute exacerbation of interstitial lung diseases**
Shinichiro Ohshimo (Hiroshima, Japan), Yoshiko Kida, Michihito Kyo, Yasushi Horimasu, Hiroshi Iwamoto, Kazunori Fujitaka, Hironobu Hamada, Francesco Bonella, Josune Guzman, Ulrich Costabel, Nobuaki Shime, Noboru Hattori

10:45 - 12:45

Oral Presentation: Neuromuscular consequences of respiratory diseases

Chairs : Samuel Vergès (Grenoble, France), Pierantonio Laveneziana (Paris, France)

10:45 **Genetic variants predicting the response to endurance exercise training are also associated with skeletal muscle oxidative capacity in COPD**
Harry Rossiter (Hermosa Beach, United States of America), Alessandra Adami, Michael Cho, Merry-Lynn McDonald, Brian Hobbs, Edwin Silverman, Janos Porszasz, William Stringer, Richard Casaburi

11:00 **Smoking does not impair locomotor muscle oxidative capacity in humans with normal spirometry**
Alessandra Adami (Torrance, United States of America), Janos Porszasz, Robert Calmelat, Robert Cao, William Stringer, Richard Casaburi, Harry B. Rossiter

11:15 **Reduced ventilatory efficiency and muscle endurance in smokers with normal spirometry**
Azmy Faisal, Ahmad S Sadaka, Helen Purcell, Michael I Polkey, Nicholas S Hopkinson

11:30 **Altered muscle metabolism and muscle mass in patients with COPD**
Lennart H. Persson (Linköping, Sweden), Apostolos Sioutas, Magnus Kentson, Mikael Forsgren, Petra Jacobson, Olof Dahlqvist Leinhard, Peter Lundberg

11:45 **Reduced voluntary activation and increased intracortical inhibition during leg extensions in severe obstructive sleep apnoea patients.**
Mathieu MARILLIER (Echirolles, France), Mathieu GRUET, Sébastien BAILLIEUL, Thibault LE ROUX MALLOUF, Bernard WUYAM, Renaud TAMISIER, Patrick LEVY, Jean-Louis PEPIN, Samuel VERGES

12:00 **Cortical disorders and muscle weakness in COPD: impact of neuromodulation on intracortical inhibition**
Vincent Cabibel (Montpellier, France), Benjamin Le Toullec, Nicolas Oliver, Nelly Héraud, Alain Varray

12:15 **Brain oxygenation state during the 6-minute walking test in patients with COPD**
Tomoko Kutsuzawa (Isehara Kanagawa, Japan), Daisaku Kurita, Mayumi Ikeuchi, Satoshi Iwamoto, Munetaka Haida

10:45 - 12:45

Oral Presentation: Small airways, long distances and large databases in paediatric asthma
Chairs : Stephen Turner (Aberdeen, United Kingdom), Marielle W.H. Pijnenburg (Rotterdam, Netherlands)

10:45 **Subclinical small-airway dysfunction precedes the development of asthma in children with allergic rhinitis**
Sotirios Fouzas (Patras, Greece), Eleni Skylogianni, Maria Triga, Michael Anthracopoulos, Kostas Bolis

11:00 **Respiratory Function at 6 weeks of age is associated with the development of bronchiolitis in infants born to mothers with asthma during pregnancy**
Patricia de Gouveia Belinelo (Newcastle, Australia), Kathryn Jesson, Adam Collison, Vanessa Murphy, Paul Robinson, Kate Hardaker, Peter Sly, Peter Gibson, Joerg Mattes

11:15 **Astma in preschool – abnormal lung function at teenage?**
Katariina Lajunen (Espoo, Finland), Anne Kotaniemi-Syrjänen, Anna Pelkonen, Pekka Malmberg, Mika Mäkelä, Satu Kalliola

11:30 **Safety signals concerning asthma drugs in children**
Esmé J. Baan (Rotterdam, Netherlands), Veronique De Smet, Esmé Baan, Alexandra C Pacurariu, Miriam C J M Sturkenboom, Johan C De Jongste, Hettie M Janssens, Katia M Verhamme

11:45 **Using remote directly observed therapy (R-DOT) for optimising asthma therapy.**
Michael Shields (BELFAST, United Kingdom), Fahad Alqahtani, Mike Rivey, James McElnay

12:00 **Antibiotic use in children with asthma**
Esmé J. Baan (Rotterdam, Netherlands), Esmé Baan, Hettie Janssens, Tine Kerckaert, Johan De Jongste, Miriam Sturkenboom, Katia Verhamme

12:15 **Effectiveness of technology in increasing asthma management knowledge and self-confidence in school staff**
Melinda Gray (Sydney, Australia), Stephanie Francis, Christine Burns, Nusrat Homaira, Adam Jaffe

10:45 - 12:45

Oral Presentation: Infant lung disease: physiology, assessment and novel therapies
Chairs : Charles Christoph Roehr (Oxford, United Kingdom), Anna Lavizzari (, Italy)

10:45 **Postnatal steroids in preterm lambs: long term impact on lung mechanics and respiratory control**
Chiara Veneroni (Milano, MI, Italy), Matteo Lepori, Monica Agazzi, Jonathan Pang, Peter Noble, Raffaele L. Dellaca', Jane Pillow

11:00 **Maternal smoking in pregnancy increases the duration of home oxygen therapy in infants with bronchopulmonary dysplasia**
Andrew Prayle (Nottingham, United Kingdom), Alison Davies, Alison Silverman, Sarah Spencer, Matthew N Hurley, Jayesh M Bhatt

11:15 **Serum albumin as a mortality predictor in the Pediatric Intensive Care Unit (PICU)**
Young Suh Kim (Seoul, Republic of Korea), In Suk Sol, Soo Yeon Kim, Jong Deok Kim, Yoon Hee Kim, Kyung Won Kim, Myung Hyun Sohn, Kyu-Earn Kim

11:30 **Effect of maturity and infection on the rate of relaxation of the respiratory muscles in ventilated, newborn infants**
Theodore Dassios (London, United Kingdom), Ourania Katsogianni, Anne Greenough, Paul Dixon

11:45 **Recombinant human (rh)IGF-1/rhIGFBP-3 for prevention of bronchopulmonary dysplasia.**
Chiara Poggi (Florence, Italy), Carlo Dani, Ingrid Hansen-Pupp, Olachi J. Mezu-Ndubuisi, Luca Ramenghi, Carmen Giannantonio, Peter Reynolds, Ajit Mahaveer, Jason D. Higginson, Mohamed Hamdani, Alexandra Mangili, Adina Tocioian, Emily Jochim, Norman Barton, David Ley, Boubou Hallberg, Ann Hellström

12:00 **Shift in very preterm infants with oxyhaemoglobin saturation >94% in room air**
Benjamin Stoecklin (Wembley, Australia), Jenny Svedenkrans, Gareth Jones, Jane Pillow

12:15 **Longitudinal lung function following very premature birth**
Christopher Harris (London, United Kingdom), Samuel Morris, Alan Lunt, Janet Peacock, Anne Greenough

10:45 - 12:45

Oral Presentation: In honour of Prof. Waldemar Tomalak: best abstracts in lung function

Chairs : Jellien Makonga-Braaksma (Woudenberg, Netherlands), Aisling McGowan (Dublin 15, Ireland)

10:45 **Effect of different mask design for measuring respiratory input impedance in pre-school children by forced oscillation technique (FOT)**
Pasquale Pio Pompilio (Milano, MI, Italy), Delcourt Caroline, Alessandro Gobbi, Roberto Perissin, Raffaele Dellacà, Thierry Carvelli

11:00 **Comparison between within-test and triplicate recordings of impedance by forced oscillation technique (FOT)**
Alessandro Gobbi (Milano, MI, Italy), Claudia Calogero, Pasquale Pompilio, Grazia Fenu, Raffaele Dellaca, Enrico Lombardi

11:15 **Forced oscillation technique: an alternative outcome measure for methacholine provocation test.**
Rachel Ong Salvador, Erica Dijkers, Peter Sterk, Reindert van Steenwijk

11:30 **Applying machine learning and pulmonary function data to detect interstitial lung disease in systemic sclerosis.**
NHAT-NAM LE-DONG (Sorinnes, Belgium), THONG HUA-HUY, HUYEN-MI NGUYEN-NGOC, ANH-TUAN DINH-XUAN

11:45 **Accuracy of the ATS/ERS decision tree in the interpretation of lung function tests in patients with interstitial lung diseases**
Artem Tishkov (ST PETERSBURG, Russian Federation), Marina Yu. Kameneva, Olga Yurieva, Olga Baranova, Ivetta Dvorakovskaya, Vasilij Trofimov

12:00 **Comparison between results of spirometry performed with the ATS/ERS quantitative criteria and simple visual inspection criteria**
Mikhail Chushkin (Moscow, Russian Federation), Lydia Popova , Oleg Ots, Olga Nenasheva, Petr Struchkov

12:15 **Inspiratory capacity in healthy people living at moderate altitude.**
Ileri Isadora Thirion Romero (COYOACAN, Mexico), SILVIA CID-JUAREZ, ROGELIO PEREZ-PADILLA, LAURA GOCHICOA-RANGEL, SELENE GUERRERO-ZUÑIGA, LUIS TORRE-BOUSCOULET

10:45 - 12:45

Oral Presentation: Assessing the functional status of patients with COPD

Chairs : Wendy Darlene Reid (Vancouver, Canada), Fabio Pitta (Londrina, Brazil)

10:45 **Decline in function in preclinical COPD patients: a 6 years follow up study.**
Matthias Loeckx (LEUVEN, Belgium), Fernanda Rodrigues, Heleen Demeyer, Miek Hornikx, Hans Van Remoortel, Wim Janssens, Thierry Troosters

11:00 **Cluster analysis identifying patients with COPD at high-risk of 2-year mortality: preliminary results.**
Antenor Rodrigues (LONDRINA/PR, Brazil), Carlos A. Camillo, Karina C. Furlanetto, Thais Paes, Andrea A. Morita, Thamyres Spositon, Leila Donaria, Nidia A. Hernandez, Fabio Pitta

11:15 **Identifying COPD patients at risk for worse symptoms, quality of life and self-efficacy: A cluster analysis**
Celso R. F. Carvalho (São Paulo, SP, Brazil), Aline Costa Lopes, Rafaella Fagundes Xavier, Ana Carolina Alves Caporali, Rafael Stelmach, Frederico Leon Arrabal Fernandes, Samantha L Harrison

11:30 **The effect of an acute exacerbation of COPD (AECOPD) on balance after pulmonary rehabilitation (PR): a prospective study**
Samantha Harrison (Middlesborough, United Kingdom), Tamara Araujo, Alan Batterham, Roger Goldstein, Dina Brooks

11:45 **Title: Physical activity from a patient's perspective can be partly explained by activity, capacity and balance tests in COPD patients**
Veronica Barbier (LEUVEN, Belgium), Heleen Demeyer, Iris Coosemans, Ilse Muylaert, Lode Claes, Matthias Loeckx, Fernanda Rodrigues, Wim Janssens , Thierry Troosters

12:00 Postural balance and predictors of falls in COPD patients
Rafaella Xavier (SAO PAULO/SP, Brazil), Ana Carolina Pereira, Aline Lopes, Cibele Marques, Adriana Lunardi, Rafael Stelmach, Frederico Fernandes, Celso Carvalho

12:15 Relationship between 1-minute and 5-repetition sit-to-stand tests in COPD
Alda Sofia Pires De Dias Marques (Aveiro, Portugal), Ana Machado, Ana Oliveira, Hélder Melro, Sara Miranda, Lília Andrade

12:50 - 14:40

Thematic Poster: Treatment techniques in asthma

Chairs : Chung-Wai Chow (Toronto, ON, Canada), Arnaud Bourdin (Montpellier Cédex 5, France)

Absolute lung size explains the sex difference in breathlessness in the general population

Magnus Ekstrom (Lyckeby, Sweden), Magnus Ekström, Josefin Sundh, Linus Schiöler, Eva Lindberg, Annika Rosengren, Göran Bergström, Oskar Angerås, Jan Hedner, Björn Bake, Kjell Torén, John Brandberg

Evaluation of the Inhalation Technique of Asthmatic Outpatients at a University Hospital in Rio de Janeiro.

Marianna Fischmann (Niterói, Brazil), Maria Mattos, Ana Cortes, Flavio Mendes, Artur Alho, Bruno Haerdy, Sandra Brignol, Carlos Pessoa

Quality of Life in Asthma Patients: A Nationwide Population-Based Study

Jae Ho Chung (Incheon, Republic of Korea), Chang Hoon Han

New biomarkers for early diagnosis of eosinophilic granulomatosis with polyangiitis (EGPA)

Manuela Latorre (Pisa, PI, Italy), Elena Bacci, Veronica Seccia, Federico Dente, Sara Brighindi, Antonella Di Franco, Silvana Cianchetti, Cristina Cardini, Chiara Baldini, Pierluigi Paggiaro

Correlations between functional performance, health status and inflammatory biomarkers in stable COPD

Narongkorn Saiphoklang (Pathumthani, Thailand), Roslynn Marzan-McGill, Brett A. Dolezal, John Belperio, Christopher B. Cooper, Igor Barjaktarevic

Inhaled corticosteroid (ICS) and long-acting beta2-agonist (LABA) combination vs. high doses of ICS: efficacy and safety in patients (pts) with uncontrolled occupational asthma

Kateryna Gashynova (Dnipropetrovsk, Ukraine)

Regular exercise and asthma control in adults: A randomized controlled trial

Jouni J.K. Jaakkola (Oulu, Finland), Sirpa A.M. Heikkinen, Samu Hernberg, Simo-Pekka Kiihamäki, Maritta S. Jaakkola

Chronic mucus hypersecretion in severe asthma

Eileen Wedge (København, Denmark), Anna von Bülow, Vibeke Backer, Uffe Bodtger, Niels Ulrik Søres-Petersen, Susanne Vest, Ida Steffensen, Celeste Porsbjerg

Inhalation of hydrogen gas attenuate airway inflammation and oxidative stress in allergic asthmatic mice

Jingxi Zhang (Shanghai, China), Ning Zhang, Changwen Deng, Xingxing Zhang, Yunye Ning, Chong Bai

The serum YKL-40 is a useful biomarker for asthma

Xiang Tong (CHENGDU, China), Sitong Liu, Yao Ma, Dongguang Wang, Hong Fan

Web-based self-management support after pulmonary rehabilitation of difficult to treat asthma: a randomised controlled trial

Jiska B. Snoeck-Stroband (Leiden, Netherlands), Thijs Beerthuizen, Lous Rijssenbeek-Nouwens, Jacob K. Sont

Estimation of the hospitalization cost for asthma exacerbation in a pulmonology department

Besma Hamdi (Manouba oued ellil, Tunisia), Baraa Bdira, Alaa Akaad, Khoulood Abdelmoulah, Jammel Ammar, Anissa Berraies, Agnes Hamzaoui

Dysfunctional breathing in patients with severe asthma is associated with poor asthma control and low quality of life.

Farnam Barati Sedeh (Birkerød, Denmark), Anna Von Bülow, Vibeke Backer, Uffe Bødtger, Ulrik Søres Petersen, Susanne Vest, Ida Steffensen, Celeste Porsbjerg

Effect of treatment with tiotropium bromide 18 mcg on asthma control and asthma-related quality of life in patients with asthma-COPD overlap syndrome.

Ksenia Nazarenko (Kyiv, Ukraine), Yuriy Feschenko, Liudmyla Iashyna, Svitlana Opimakh, Inna Zvol

Adherence to ICS in pregnant with infectious exacerbations of asthma (IEA)

Nataliia Kravchenko (Dnepropetrovsk, Ukraine), Tetyana Pertseva, Tetyana Kireeva

Features of laboratory, functional and radiological parameters at ACOS

Svetlana Chubarova (Krasnoyarsk, Russian Federation), Elena Sobko, Irina Demko, Maria Loktionova, Olga Ischenko, Irina Soloveva, Angelina Kraposhina, Natalya Gordeeva

Phenotypes related with clinical improvement of omalizumab-treated patients in routine clinical practice. FENOMA Study

Ana Gomez-Bastero (Sevilla, Spain), José Gregorio Soto-Campos, Paloma Campo, Ana Moreira, Ignacio DáVila

Effects of GABA on lung function in asthmatics after methacholine inhalation

Dejan Dimi (Beograd, Republic of Serbia), Ljiljana Timotijevic, Ivana Nikolic, Aleksandra Zdravkovic, Ljiljana Nikcevic, Nemanja Dimic, Ivana Simeunovic

Risk factors for hospitalization and ICU admission for near-fatal asthma

José Ernesto Juárez León (Mexico City, Mexico), Dulce Gonzalez Islas, José Luis Sandoval Gutierrez, José Luis Miguel Reyes, Arturo Orea Tejeda

Body composition in heart failure and chronic obstructive pulmonary disease patients

Dulce Gonzalez-Islas (Mexico City, Mexico), Ana Grecia Navarrete-Penaloza, Arturo Orea-Tejeda, Leslie Verdeja-Vendrell, Abril Jimenez-Cepeda, Guillermo Karey Perez-Cortes, Luis Felipe Castillo-Aguilar, Rocio Sanchez-Santillan, Viridiana Pelaez-Hernandez, Bernardo Robles-Urbe, Francisco Figueroa-Herrera, Sonia Torres-Montiel

12:50 - 14:40

Thematic Poster: Management of asthma in different situations**Chairs :** Sara Jane Bonvini (London, United Kingdom), Mariel Slater (East Yorkshire, United Kingdom), Kristian Brat (BRNO, Czech Republic), Michael Portelli (Nottingham, United Kingdom)**Validity of FENO and small airway function indices in diagnosis of CVA.**

Fengjia Chen (guangzhou, China), Xin yan Huang, Geng peng Lin, Yang li Liu, Can mao Xie, Yubiao Guo, Kejing Tang

Special aspects of motivation in patients with asthma

Larisa V. Bogovin (Blagoveshchensk, Amur Oblast, Russian Federation), Anastasiya S. Shabanova, Victor P. olosov, Jily M. Perelman

Prevalence of eosinophilia in COPD patients in Brazil

Marcelo Nogueira (Porto Alegre, Brazil), Eduardo Garcia, Adalberto Rubin, Bruna Medeiros, Lucas Simoneti, Fábio Nassar, Vitor Jacobucci

Impact of enzymatic and toxic potentiality of Aspergillus species to cause aspergillosis

Mohamed Fawzy Adam (ASSIUT, Egypt), M. B. Aboul-Nasr, A.A. Zohri, Enas Mahmoud Amer

ASSESSMENT OF HEALTH-RELATED QUALITY OF LIFE IN DIFFERENT PHENOTYPES OF COPD

Alexandru Corlateanu (Chisihau, Republic of Moldova), Victor Botnaru, Doina Rusu, Eugenia Scutaru, Serghei Covantev

Airway reversibility assessed by oscillometry in patients with asthma

Naoko Higaki (Hiroshima, Japan), Hiroshi Iwamoto, Yasushi Horimasu, Takeshi Masuda, Shintaro Miyamoto, Taku Nakashima, Kazunori Fujitaka, Hironobu Hamada, Noboru Hattori

Improvement in rhinosinusitis health related quality of life in patients with severe eosinophilic asthma

Linda Nelsen (Collegetown, United States of America), Eric S Bradford, Daniel J Bratton, Frank C Albers, Guy Brusselle

Distribution of Blood Eosinophils Among Patients with COPD in Primary Care

Hana Müllerová (Uxbridge, Middlesex, United Kingdom), Hana Müllerová, Emma Hilton, Chang-Qing Zhu, Paul Jones

Relationship between sleep disturbances and peripheral airway abnormalities in COPD patients

Nicola Scichilone (Palermo, PA, Italy), Marco Basile, Pierpaolo Baiamonte, Emilia Mazzuca, Stefania Principe, Federica Pennavaria

Obesity and related factors in bronchiectasis

Elif Yelda Ozgun Niksarlioglu (STANBUL, Turkey), Mehmet Atilla Uysal, Gungor Camsari

Fertility treatment in women with asthma - A case-control study of 2,880 women with live births
Zarqa Ali (Herlev, Denmark), Anne Vejen Hansen, Charlotte Suppli Ulrik, Sara Malchau Lauesgaard, Anja Pindborg

Baseline characteristics of 36 mepolizumab-patients. Experiences from the clinical practice.
Anne Sofie Bjerrum (Aarhus, Denmark), Tina Skjold, Johannes Schmidt

Predictors of low risk of asthma exacerbation during pregnancy A prospective study of 1,283 pregnancies
Zarqa Ali (Herlev, Denmark), Lisbeth Nilas, Charlotte Suppli Ulrik

Adrenal insufficiency in asthma treated with high/low systemic corticosteroids in the past and in those who successfully discontinued systemic corticosteroids after treatment with omalizumab.
Michiko Haida (Tokyo, Japan), Katsutoshi Ogawa, Akihiko Hashiguchi, Takahiro Inoue

An effective diagnostic model of ACOS in China
Aiyuan Zhou (CHANGSHA, China), Yiyang Zhao, Ping Chen

Asthma-COPD overlap syndrome: prevalence and clinical characteristics
Tulay Yarkin (STANBUL, Turkey), Dilem Anıl Tokyay, Ipek Ozmen, Elif Yıldırm, Erhan Ogur

Multiple faces of non-cystic fibrosis bronchiectasis: defining etiology and disease severity
Adelina Anton (Tulcea, Romania), Doina Ecaterina Tofolean, Radu Baz, Ioan Tiberiu Tofolean, Laura Mazilu

Bronchiectasis: understanding the phenotype
Sebastian Ferri (Catania, CT, Italy), Ramona Sorrentino, Carlo Chessari, Giovanni Terranova, Teresa Augelletti, Raffaele Campisi, Enrico Heffler, Nunzio Crimi, Sabrina Genco

Investigation of nocturnal vocal cord dysfunction using conscious sedation: two case reports
Claire Slinger (Clitheroe, United Kingdom), Stephen Fowler, Aash Vyas, Jemma Haines

The causes of acute cough: a single-center study in Japan
Tomoko Tajiri (Kyoto-shi, Japan), Toshikatsu Sado, Akihiko Sokai, Kenichi Goto, Yasukiyo Nakamura, Hideo Kita

12:50 - 14:40

Thematic Poster: COPD biomarkers

Chairs : Andreas Rembert Koczulla (MARBURG, Germany), Anders Løkke (Højbjerg, Denmark), Gaetano Caramori (Messina, Italy)

Prevalence and clinical characteristics of asthma-COPD overlap syndrome according to accepted criteria
YongSuk Jo (Seoul, Republic of Korea), Jinwoo Lee, Ho Il Yoon, Deog Kyeom Kim, Chul-Gyu Yoo, Chang-Hoon Lee

Low Level of Airway Mucin 2 Predict Severe Exacerbations in Patients with Severe Chronic Obstructive Pulmonary Disease
Alizamin Sadigov (BAKU, Azerbaijan)

Assessing E-RS to measure symptoms in COPD patients with a reversible component
Steven Pascoe (King of Prussia, United States of America), Linda Nelsen, Laurie Lee, Wei Wu, Xiwu Lin, Dan Parks, Nancy Leidy

Association between serum YKL-40 and chronic obstructive pulmonary disease
Yao Ma (CHENGDU, China)

Elevated serum IL-8: a biomarker indicating exacerbation-prone COPD
Jingxi Zhang (Shanghai, China), Chong Bai

Influence of tobacco-smoking on serum level of transforming growth factor (TGF) beta 1 in COPD patients
Daria Mihailichenko (Dnipropetrovsk, Ukraine), Tetyana Pertseva

Impact of long-term oxygen therapy on morphological changes of red blood cells and NT-proBNP level in COPD patients.
Olga Titova (ST PETERSBURG, Russian Federation), Darya Sklyarova, Natalya Kuzubova, Vladimir Volchkov

Elevated BALF PEDF levels are related to disease severity, inflammation and small airway obstruction in COPD patients
Mei Chen (Chengdu, China), tao wang, Lei Chen, Dan Xu, Fuqiang Wen

Levels of serum amyloid A (SAA) and C-reactive protein (CRP) in stable COPD patients and its relationship with disease severity.

Daria Mihailichenko (Dnipropetrovsk, Ukraine), Tetyana Pertseva

Peripheral Blood Eosinophils as Marker of Sputum Eosinophilia and Outcome of COPD Exacerbation

Edin Jusufovic (Tuzla, Bosnia and Herzegovina), Mitja Kosnik, Munevera Becarevic, Munevera Osmic, Azra Jusufovic, Mona Al-Ahmad, Jasmina Nurkic, Alma Nadarevic, Fransi Petrak, Dzenan Halilovic, Rifat Sejdinovic, Besim Prnjavorac

Cardiovascular comorbidities in chronic obstructive pulmonary disease patients

Lucretia Udrescu (TIMISOARA, Romania), Laura Sbarcea, Stefan Mihaicuta

Blood Eosinophils and Outcomes in Severe Hospitalized Exacerbations of COPD.

Sonia Toujani Chekki (Tunis, Tunisia), Marwa Kacem, Azza Slim, Amir Tabboubi, Ghada Bahri, Abir Hedhli, Sana Chikhrouhou, Jouda Cherif, Yacine Ouahchi, Meriem Mjid, Majed Beji

Procalcitonin as a predictor of pneumonia in patients hospitalized with acute exacerbation of COPD: a prospective observational study

Elena Valerevna Titova (TRONDHEIM, Norway), Anne H. Henriksen, Sigurd Steinshamn, Arne Åsberg

COPD Phenotypes and Comorbidities

Oscar Mascaró (Vic, Spain), Oscar Mascaró, Joan Serra, Gianni Lucchetti, Xavier Gimeno, Fernando Ruiz

Inflammatory markers and lipid profile in COPD patients over nine years

Robson Aparecido Prudente (BOTUCATU/SP, Brazil), Carolina Mesquita, Suzana Tanni, Estefânia Franco

The impact of smoking on the platelets functional activity in patients with COPD

Elena Khmel (Dnipropetrovsk, Ukraine), Elena Kovalenko, Viktoriya Rodionova

Evaluation of plasma LL-37 and nuclear factor kappa B (NF- κ B) levels in stable chronic obstructive pulmonary disease

Pelin Uysal (istanbul, Turkey), Atyac Karadag, Sibel Yurt, Nevin Fazlioglu, Abdulhalim Senyigit, Ramila Hajiyeva, Gonul Simsek, Filiz Kosar, Hafize Uzun

Prevalence and clinical characteristics of blood eosinophilia in patients with acute exacerbation of chronic obstructive pulmonary disease in China

Hui Zhou (, China), Qianglin Zeng, Xiaoming Wang, Shanna Li, Bo Xiong, Gui Huang, Fuqiang Wen

Association of serum pneumoproteins with clinical course of COPD

Masaru Suzuki (Tokyo, Japan), Hironi Makita, Satoshi Konno, Masaharu Nishimura

12:50 - 14:40

Thematic Poster: What is new in COPD diagnosis and classification**Chairs :** Therese Lapperre (København NV, Denmark), Rachel Jordan (Birmingham, United Kingdom), Kenneth R. Chapman (Toronto, ON, Canada)**Validation of the GOLD 2017 classification in a Chinese COPD cohort**

Juan-Juan Fu (Chengdu, Sichuan, China), Tao Fan, Guan-hong Li, Li-Hua Wu, Bing Mao

Stability of the exacerbation pattern defined by GOLD 2017 in a real-world COPD population

Juan-Juan Fu (Chengdu, Sichuan, China), Guan-hong Li, Li-hua Wu, Bo Qu, Tao Fan, Bing Mao

Determinants of re-hospitalizations due to acute exacerbation of COPD

Marta Erro (Madrid, Spain), Ana Roca, Carmen Acosta, Marta Hernández, Layla Diab, Celeste Marcos, Tamara Alonso, Rosa Mar Gómez, Joan B. Soriano, Julio Ancochea

Evaluation of respiratory symptoms in COPD patients from seven Latin America countries: The LASSYC Study

Marc Miravittles (BARCELONA, Spain), Ana Menezes, Luis Ugalde, Victorina López, Filip Surmont, Alejandra Ramirez-Venegas, Alejandro Casas, Laura Mendoza, Ana López, Maria Montes de Oca

The prevalence of the chronic obstructive pulmonary disease in the city of Telavi, Georgia: a cross-sectional study.

Ivane Chkhaidze (Tbilisi, Georgia), Mariam Maglakelidze, Tamaz Maglakelidze

BODE INDEX IN DIFFERENT PHENOTYPES OF COPD

Alexandru Corlateanu (Chisihau, Republic of Moldova), Victor Botnaru, Eugenia Scutaru, Serghei Covantev, Olga Casian, Doina Rusu

Predictors of multiple admissions of COPD patients: about 1167 cases

Ahmed Ben Saad (Monastir, Tunisia), Saoussen Cheikh Mhamed, Nesrine Fahem, Hadhami Mribah, Samah Joobeur, Naceur Rouatbi, Ali El Kamel

Influence of previous admissions on audit outcomes in patients admitted with acute exacerbation of COPD (AECOPD)

Juliana Holzhauer-Barrie (London, United Kingdom), Viktoria McMillan, Derek Lowe, Muhammad Saleem Khan, Robert Stone, Mike Roberts

Classifying patients as GOLD A–D using the 2017 strategy criteria: impact on efficacy by GOLD stage in the OTEMTO tiotropium+olodaterol clinical trials

Dave Singh (Manchester, United Kingdom), Leif Bjermer, Roger Abrahams, Lars Grönke, Florian Voss, Gary T. Ferguson

Is diaphragmatic thickness fraction valuable in identifying high-risk chronic obstructive pulmonary disease patients?

Emel Eryüksel (STANBUL, Turkey), Canan Cimsit, Melahat Bekir, Cagatay Cimsit, Sait Karakurt

Discordance between a patient completed COPD Assessment test (CAT) and a CAT completed by patient with physician assistance

Vladimir Koblizek (Hradec Králové, Czech Republic), Vladimír Koblížek, Vladimír Zindr, Jana Kocianova, Stanislav Holub, Anna Hrazdirova , Jan Svancara

Association between third-space fluid and FEV1 in COPD patients

Guillermo Karey Perez Cortes (Mexico City, Mexico), Arturo Orea-Tejeda, Dulce Gonzalez-Islas, Oliver Perez-Bautista, Luis Felipe Castillo-Aguilar, Abril Jimenez-Cepeda, Leslie Verdeja-Vendrell, Ana Grecia Navarrete-Penaloza, Rocio Sanchez-Santillan, Nicolas Guzman-Bouilloud

The Validity of Indonesian Society of Respiriology (ISR) Version of COPD Screening Questionnaire

Yusup Subagio Sutanto (surakarta, Indonesia), Pramesti Fitria Kristianti, Dewi Nurul Makhahah, Farih Raharjo, Ana rima Setijadi, Suradi Suradi

Factors acting on the duration of hospitalization in COPD

Houda Rouis (Sousse, Tunisia), Hamida Kwas, Lobna Loued, Amel Khattab, Ines Zendah, Habib Ghedira

Comparison between electronic and paper versions of the Evaluating Respiratory Symptoms in COPD (E-RS) and the COPD Assessment Test (CAT).

Koichi Nishimura (Kyoto, Japan), Saya Nakamura, Masaaki Kusunose, Yousuke Tsuji, Toru Oga

The prognostic role of the bronchiectasis in patients with COPD

Eun Kyung Kim (Seongnam-si, Republic of Korea), Mi-Ae Kim, Ji-Hyun Lee, Sang Min Lee, Jae Seung Lee, Yeon-Mok Oh

Differences between GOLD Group C and D: More than mMRC or CAT

Ahmed Ben Saad (Monastir, Tunisia), Hadhami Mribah, Saoussen Cheikh Mhamed, Nesrine Fahem, Samah Joobeur, Naceur Rouatbi, Ali El Kamel

Level of control of Chronic Obstructive Pulmonary Disease according to clinical phenotypes. Study SINCON

Adolfo Balotra (Pontevedra, Spain), José Miguel Rodríguez Glez-Moro, Estefanía Sanjuan, Juan Antonio Trigueros, Ricard Casamor

The impact of grouping patients by the 2017 GOLD COPD strategy on response to therapy: post hoc results from the TONADO tiotropium+olodaterol trials

Gary T. Ferguson (Farmington Hills, United States of America), Henrik Watz, François Maltais, Lars Grönke, Florian Voss, Roland Buhl

12:50 - 14:40

Thematic Poster: Highlights on clinical problems in COPD

Chairs : Marco Contoli (FERRARA, Italy), Bruno Balbi (Veruno, NO, Italy), Eric D. Bateman (CAPE TOWN, South Africa)

Frequency and impact of bronchiectasis in a cohort of patients in a COPD clinic

Marta Hernandez Olivo (Madrid, Spain), Tamara Alonso Pérez, Carmen Acosta Gutiérrez, Claudia Valenzuela, Pedro Landete Rodríguez, Layla Diab Cáceres, Marta Erro Iribarren, Ana Roca Noval, Joan B Soriano, Julio Ancochea Bermúdez, Rosa Mar Gómez Punter

Occurrence and impact of bronchiectasis in patients with COPD

Chandrakant Tarke (DELHI (NEW DELHI), India), Shekhar Kunal, Ashok Shah

Occurrence and impact of upper airways symptoms in never smoker COPD patients

Chandrakant Tarke (DELHI (NEW DELHI), India), Shekhar Kunal, Ashok Shah

Endobronchial microbiological colonisation in stable COPD patients with severe emphysema undergoing endoscopic lung volume reduction.

Franziska Trudzinski (Homburg/Saar, Germany), Frederik Seiler, Heinrike Wilkens, Carlos Metz, Annegret Kamp, Robert Bals, Philipp Lepper, Sören L Becker, Barbara Gärtner

Laryngopharyngeal reflux is prevalent in patients with chronic obstructive pulmonary disease

Julia Christin Sanchez Perez (Basel, Switzerland), Desiree May Schumann, Baumeler Luzia, Affolter Kristina, Papakonstantinou Eleni, Rassouli Frank, Frasnelli Matthias, Brutsche Martin, Tamm Michael, Stolz Daiana

Nocturnal hypoxaemia in COPD. Prevalence and clinical characteristics.

Jose M. Marin Trigo (ZARAGOZA, Spain), Marta Marin-Oto, Juan P de Torres, Carlos Cabrera, Ingrid Solanes, Cristina Martinez, Nuria Toledo, German Peces-Barba, Carlos Amado, Laura Vigil, Ciro Casanova

Identifying COPD patients at risk for hospitalizations and Emergency Department Visits using the Electronic Medical Record

Denitza Blagev (Salt Lake City, United States of America), Dave Collingridge, Susan Rea

Identifying risk groups for any cause hospitalizations in COPD patients

Denitza Blagev (Salt Lake City, United States of America), Dave Collingridge, Susan Rea

Do cardiac biomarkers predict long-term outcomes from exacerbations of COPD?

Eskandarain Shafuddin (Hamilton, New Zealand), Catherina Chang, Manisha Cooray, Robert Hancox

Association between admission neutrophil to lymphocyte ratio and outcomes in patients with acute exacerbation of COPD.

Shaghayegh RahimiRad (Urmia, Islamic Republic of Iran), MOhammadHossein RahimiRad, MohammadReza Ghaffari

Peculiarities of cardiac rhythm in stable chronic obstructive pulmonary disease

Valentin Calancea (Chisinau, Republic of Moldova), Sergiu Matcovschi, Nelea Ghicavii, Tatiana Dumitras, Nicolae Bodrug, Anatol Cretu

Serum Albumin and blood PCO2 level are markers of cor pulmonale in patients of AECOPD

Jai Kumar Samaria (VARANASI (UTTAR PRADESH), India), Kumar Utsav

Inflammatory cells in the parenchyma of the lungs with mild emphysema

Reza Karimi (Uppsala, Sweden), Ioanna Kotortsi, Asa M Wheelock, Sven Nyren, Magnus Sköld

Prevalence of symptoms of chronic obstructive pulmonary disease among different gender and age groups according to the survey

Nataliya Cherepii (Slavuta, Ukraine)

Association between endothelial function and pulmonary function in patients with chronic obstructive pulmonary disease

Luis Felipe Castillo Aguilar (Ciudad de México, Mexico), Arturo Orea-Tejeda, Dulce Gonzalez-Islas, Guillermo Karey Perez-Cortes, Abril Jimenez-Cepeda, Leslie Verdeja-Vendrell, Ana Grecia Navarrete-Penalosa, Rocio Sanchez-Santillan, Viridiana Pelaez-Hernandez, Francisco Figueroa-Herrera, Bernardo Robles-Urbe, Sonia Catalina Torres-Montiel, Alejandra Ramirez-Venegas

Use of health care resources in admissions of COPD exacerbations

Gianna Vargas Centanaro (MADRID, Spain), Juan Rigual Bobillo, Fernando Pelaez Catro, Mariara Calderon, Juan Luis Rodríguez Hermosilla, Jose luis Alvarez-Sala, Myriam Calle Rubio

Clinical and spirometric differences between male COPD patients with and without smoking history of roll-your-own cigarettes

Canan Demir (ANKARA, Turkey)

Socioeconomic deprivation and clinical outcomes following acute exacerbation of COPD

Juliana Holzhauser-Barrie (London, United Kingdom), Derek Lowe, Viktoria McMillan, Muhammad Saleem Kham, Robert Stone, Mike Roberts

THE LEVEL OF SOLUBLE CD8 MOLECULES IN SERUM AND SPUTUM IN COPD PATIENTS WITH AN EXACERBATION

Svetlana K. Soodaeva (Moscow, Russian Federation), Nailya Kubysheva, Larisa Postnikova, Viktor Novikov, Tatyana Eliseeva, Igor A. Klimanov

12:50 - 14:40

Thematic Poster: Miscellaneous in clinical problems

Chairs : Jelle Rindert Miedema (Nijmegen, Netherlands), Hubertus D. Luijk (Utrecht, Netherlands), Ernesto Crisafulli (Pavullo (MO), Italy), Chair to be confirmed

Geographic variation in air quality

Denitza Blagev (Salt Lake City, United States of America), Danielle Babbel, Daniel Mendoza, Benjamin Horne

Epidemiology of sarcoidosis in the Leningrad region of Russia

Olga P. Baranova (ST PETERSBURG, Russian Federation), Svetlana Ol. Ermolova, Alexandra Speranskaya

Post-infectious bronchiolitis obliterans: characteristics and follow up of 21 cases in Bogotá - Colombia

Santiago Ucros Rodríguez (BOGOTA, Colombia), Sandra Quiroga, Margarita Díaz, Andrea Méndez, Alfredo Pérez

Respiratory symptoms among reindeer herders of peninsula Yamal, Far North of Russia

Sergey Andronov (Nadym, Russian Federation), Andrei Lobanov, Andrei Popov, Alexandr Emelyanov

Evaluation of a new pathway to manage complex unexplained breathlessness

Nikesh Devani (London, United Kingdom), Anita Jayadev, Lauren Geddes, Christina Kyriacou, Paramjit Jeetly, Canal Verena, Daniel Martin, Swapna Mandal

The coping mechanism in lung neoplasma patients

Cristian Oancea (Dumbravita, Romania), Ovidiu Burlacu, Ion Papava, Bogdan Timar, Emanuela Tudorache, Suciuc Cristian, Marius Raica, Voicu Tudorache

This one takes the biscuit: an unusual case of haemoptysis

Sarah Wright (Cardiff, United Kingdom), Benjamin Sutton

Obstructive sleep apnea syndrome (OSAS) - The reality in a primary care center

Joana Tavares (Coimbra, Portugal), Ana Maria Fagundo, Diogo Anes

Study of lung functions in patients of chronic liver disease.

Sagar Raiya (MUMBAI (MAHARASHTRA), India), Amita Athavale, Dhammdeep Kadam, Jeenam Shah

An observational study of the severity of respiratory depression (RDP) in opioid dependent patients (ODP).

Basak Tas (London, United Kingdom), Peter S. P. Cho, Manuel Lozano Garcia, Gerrard F. Rafferty, Michael Kelleher, John Moxham, John Strang, Caroline J. Jolley

Characteristics of glucose metabolism in patients receiving glucocorticoid therapy for interstitial lung disease.

Anna Demina (Moscow, Russian Federation), Irina Trigolosova, Galina Molchanova, Stanislav Terpigorev, Tatjana Kabanova, Alexander Dreval

Poland syndrome with associated synbrachydactyly and dextrocardia: A rare case

Rajendra Prasad Takhar (KOTA (RAJASTHAN), India), . Narendra Khippal, Govind Singh Rajawat

Association of esophageal dysfunction with therapeutic efficacy of baclofen in patients with refractory gastroesophageal reflux-induced chronic cough

Xianghuai Xu (Shanghai, China), Li Yu, Qiang Chen, Cuiqin Shi, Hanjing Lv, Zhongmin Qiu, Siwei Liang

Factors associated with treatment response in gastroesophageal reflux- related chronic cough

Aleksandra Rybka (Warszawa, Poland), Marta Rybka, El bieta Grabczak, Marta D browska, Barbara Jamróz, Rafa Krenke, Olga Truba

Choking in London

Matthew J Pavitt, Joanne Nevett, Laura L. Swanton, Matthew Hind, Michael I. Polkey, Malcolm Green, Nicholas S. hopkinson

12:50 - 14:40

Thematic Poster: Latest insights in the management of chronic lung diseases

Chairs : Judith Garcia Aymerich (BARCELONA, Spain), Georgios Kaltsakas (Athens, Greece), Esther Barreiro Portela (BARCELONA, Spain), Klaus Kenn (Schoenau am Koenigssee, Germany)

Compliance of LTOT in Belgian patients with chronic respiratory failure

Bihiyga Salhi (Ghent, Belgium), Eric Derom, Erik Demeyere, Guy Joos

Activation for self-management in asthma or COPD patients referred to a pulmonologist

Noortje Koolen (Nijmegen, Netherlands), Alex van 't Hul, Philip van der Wees, Richard Dekhuijzen, Gert Westert, Yvonne Heijdra

Clinical features and quality of life in patients with different metabolic phenotypes of COPD

Vitalii Poberezhets (Vinnytsia, Ukraine), Yuriy Mostovoy, Hanna Demchuk

Cross-sectional characteristics of individuals with mild-moderate COPD reporting contrasting self-reported symptom burden

Mark Orme (Leicester, United Kingdom), Sally Singh, Michael Steiner, Mike Morgan, Andrew Kingsnorth, Dale Eslinger, Lauren Sherar

Factors important to people with COPD and experts to optimise daily time-use: A Delphi study

Hayley Lewthwaite (Adelaide, Australia), Tanja W Effing, Anke Lenferink, Tim Olds, Marie T Williams

PAVAR goal setting improves health outcomes in a multidisciplinary community respiratory team.

Marianne Milligan (Glasgow, United Kingdom), Suzanne Marshall, David Anderson

Exploration of patients' and informal caregivers' experiences in advanced chronic obstructive pulmonary disease: first phase of an action research study

Tanja Fusi-Schmidhauser (Lugano, Switzerland), Katherine Froggatt, Nancy Preston

Impact of Integrative Yoga Exercise on Autonomic Function and Health Related Quality of Life in COPD

Avinash Jain (VARANASI (UTTAR PRADESH), India), Sudhir kumar agarwal, abhishek maurya, mohit bhatia

Hospital readmission rate and mortality after severe exacerbation of chronic obstructive pulmonary disease

Gordana Pavlisa (Zagreb, Croatia), Hrvoje Puretic, Fedja Dzubur, Marina Labor, Andrea Vukic Dugac, Ana Hecimovic, Mateja Jankovic, Marko Jakopovic, Miroslav Samarzija

DNA damage in lymphocytes from COPD patients with and without lung cancer

Renata Ferrari (BOTUCATU/SP, Brazil), Laura Caram, Ludimila Nogueira, Karine Memare, Lia Umezawa, Nayara Arruda, Suzana Tanni, Mariana Braz, Irma Godoy

Selection of patients from Pulmonary Rehabilitation (PR) to Disease Management (DM) programmes

Bruno Balbi (Veruno, NO, Italy), Andrea Giordano, Claudio Marcassa, Fabrizio Pisano, Giacomo Corica, Michele Vitacca, Antonio Spanevello

Long term high flow humidified oxygen treatment in COPD – effect on blood gases

Line Storgaard (Aabybro, Denmark), Ulla Weinreich, Hans Hockey

Integration of Hospital and Community Respiratory teams reduces admissions, shortens length of stay and improves patient care in COPD

Michael Apps (Brentwood, United Kingdom), Syed Abbas, Dipak Mukherjee, Jan Minter, James Whitfield, Sharon Pearce, Petra Rosier, Loren Ateli, Honoria Olympio-anang, Carol Goodrich, Kelly-Ann Keeling, Helen Hill, Donna Carter, Tracy Gisby, Bernadette Hawkes, Sue Webb, Sue Barfield, Paul Bannister, Jodie Finney, Charlotte Wigmore, Julie Downham, Mark Haigh, Sue Field, Irene Young, Andrea Kopacz

RELATIONSHIP BETWEEN DAYTIME SLEEPINESS, FATIGUE SEVERITY AND RESPIRATORY MUSCLE STRENGTH IN STROKE PATIENTS

Abdurrahim Yildiz (STANBUL, Turkey), Rustem Mustafaoglu, Ayse Nur Bardak

Immediate effect of osteopathic manual therapy on hyperinflation in patients with severe chronic obstructive pulmonary disease.

Katarzyna Górska (Warszawa, Poland), Katarzyna Górska, Marta Maskey-Warzechowska, Micha Mierzejewski, Rafa Krenke

Exploring participants current experiences and opinions regarding use of music/dance in pulmonary rehabilitation

Keir Philip (London, United Kingdom), Siân Williams, Jane Simpson, Claire Rooney, Claire Davey, Rishi Gupta, Richa Singh

Evaluation of religious coping in patients with chronic obstructive pulmonary disease

Francisco Alessandro Do Nascimento (FORTALEZA/CE, Brazil), Guilherme da Silva, Geisyani Francisca Prudente, Rafael Mesquita, Andre Carvalho, Eanes Pereira

Small intestinal absorption in patients with COPD complicated by right heart failure – A pilot study

Charlotte Suppli Ulrik (Virum, Denmark), Anne Hardis, Sara Andersen, Oliver Tupper, Anne Marie Soja, Brian Nilsson, Jens R Andersen

Blood eosinophil in smokers and mild and moderate COPD patients

Laura Caram (CONCHAS/SP, Brazil), Renata Ferrari, Duylene Ludimila Nogueira, André Bertani, Thaís Garcia, Carolina Mesquita, Suzana Tanni, Camila Corrêa, Irma Godoy

Relationship between COPD health outcome and lower socioeconomic status in Tunisian patients

Amani Ben Mansour (Tunis, Tunisia), Sonia Toujani, Houda Snène, Meriam Mjid, Abir Hedhli, Sana Chikhrouhou, Jouda Cherif, Yacine Ouahchi, Majed Béji

12:50 - 14:40

Thematic Poster: Latest insights in chronic care

Chairs : Jean Bourbeau (Montreal, Canada), Roberto A. Rabinovich (Edinburgh, United Kingdom), Nickolas Koulouris (Athens, Greece),
Chair to be confirmed

Use of a passive exhalation port for long-term tracheostomy ventilation in patients with Amyotrophic Lateral Sclerosis: a randomized control trial.

Andrea Vianello (Padova, PD, Italy), Silvia Iovino, Beatrice Molena, Cristian Turato, Giovanna Arcaro, Federico Gallan, Fausto Braccioni, Claudia Rinaldo, Luciana Paladini, Maria Rita Marchi, Piera Peditto, Silvia Ferrarese, Laura Battistella

Home noninvasive ventilation (NIV) in France. Data from the Antadir-GAV cohort. Results at 18 months.

Claudio Rabec (DIJON, France), Antoine Cuvelier, Pierre Cervantes, Boris Melloni, Capucine Morelot-Panzini, Marjolaine Georges, Sandrine Pontier, Magalie Mercy, Frederic Gagnadoux, Christophe Perrin, Frank Lavergne, Arnaud Prigent, Anne Mallart, Gilles Hilbert, Romain Kessler, Frederic Claude, Laure Goubert-Bennet, Helene Prigent, Sandrine Jaffre, Anne Perel-Jaillet, Claudia Llontop, Kamila Sedkaoui, Didier Foret, Line Mounier, Jean-François Muir, Jesus Gonzalez

Survival and quality of life of patients treated by long term noninvasive ventilation (NIV). Results from a prospective cohort study.

Jean Morin (NANTES, France), Sandrine Jaffré, Tissot Adrien, Frederic Gagnadoux, Priou Pascaline, François Goupil, Audrey Paris, Camille Leblanc, Agathe Delbove, Antoine Magnan, Francois-Xavier Blanc

Spirituality and religiosity are associated with quality of life and dyspnea in patients with chronic lung diseases.

Paulo José Zimmermann Teixeira (PORTO ALEGRE/RS, Brazil), Paulo José Zimmermann Teixeira, Ana Amélia Machado Duarte, Giancarlo Lucchetti, Katya Rigatto

Physical therapists' perception of resistance training with different types of tools on COPD patients: a qualitative-quantitative study

Juliana Uzeloto (Anhumas, Brazil), Ana Paula Freire, Bruna Silva, Giovanna Arévalo, Mariana Previatto, Ana Paula dos Santos, Fernando Zandonadi, Paula Manfrim, Marcia Franco, Dionei Ramos, Ercy Mara Ramos, Rebeca Silva

Peak expiratory cough flow and respiratory muscle function in acute stroke patients

Monique Messaggi Sartor (BARCELONA, Spain), Anna Guillen-Solà, Cindry Ramirez-Fuentes, Esther Duarte, Ester Marco

SURVIVAL IN PATIENTS IN ON HOME OXYGEN-THERAPY. EVALUATION OF PROGNOSTIC FACTORS

María Del Carmen García García (Badajoz, Spain), María Del Carmen García García, Jacinto Hernández Borge, María José Antona Rodríguez, José Antonio Gutiérrez Lara, Miguel Benítez-Cano Gamonoso, María Teresa Gómez Vizcaíno, Ignacio Rodríguez Blanco, Francisca Lourdes Márquez Pérez

Quality of life in non cystic fibrosis bronchiectasis(NCFB): predictors and correlation with other outcome parameters

Sheetal Chaurasia (BANGALORE (KARNATAKA), India), Anish Reddy, Alamelu Haran, Pavny Chawla

Does Speech Disorder (Aphasia) Affect Respiratory Muscle Strength in Stroke?

Rustem Mustafaoglu (Istanbul, Turkey), Abdurrahim Yildiz, Ayşe Nur Bardak

MAY AN EARLY INTEGRATED CARE PROGRAM WITH NIV ADAPTATION DELAY NIV FAILURE IN PATIENTS WITH ALS ?

Michele Vitacca (Gussago, Italy), Alessandra Montini, Enrica Bertella, Roberta Morini, Mara Paneroni, Christian Lunetta, Elisa Demattia, Andrea Lizio, Paolo Banfi, Eleonora Volpato, Agata Lax

Qualitative study of the expectations regarding a liaison team for patients with severe chronic respiratory diseases (SCRD).

Melchior Fabienne, Jennifer Wrona, Jean-Marie Boulanger, Vincent Heinen, Renaud Louis

Effects of high frequency chest wall oscillation on mucus draining, rheological property and lung mechanics

Tetsuo Miyagawa (Yokohama Kanagawa, Japan), Tomomi Ichiba

“When you’re at work you’ve got a goal [...] but that’s all finished for me now”; exploring goal perception amongst people with chronic obstructive pulmonary disease (COPD)

Rachael Summers (southampton, United Kingdom), Anne Bruton, Claire Ballinger, Dimitra Nikolettou, Rachel Garrod, Miranda Leontowitsch

Technology-delivered psychosocial intervention in COPD: a feasibility study

Anders Løkke (Højbjerg, Denmark), Anders Løkke, Ingeborg Farver-Vestergaard, Elisabeth Bendstrup, Maja O'Connor, Robert Zachariae

DEVELOPMENT OF A DIGITAL TELEREHABILITATION SOLUTION: ANALYSIS OF THE NEEDS OF PATIENTS WITH CHRONIC DISEASES

Francois Bughin (MONTPELLIER, France), Marine Bertrand, Eve Dupas, Sebastien Pascal, Florie Fillol, Chrsitine Fedou, Jean Frederic Brun, Farès Gouzi, Bronia Ayoub, Nelly Heraud, Jacques Mercier, Pascal Pomies, Maurice Hayot

The connection between the parameters of pulmonary function and life quality of patients with COPD before and after respiratory rehabilitation

Ljiljana Isakovic (Sokobanja, Republic of Serbia), Jelena Isakovic, Katarina Manojlovic

Effect of Cannabis Smoking on Lung Function and Respiratory Symptoms in Adolescents

Rustem Mustafaoglu (Istanbul, Turkey), Ebru Kaya Mutlu, Rengin Demir, Ozhan Yalcin, Arzu Ciftci, Caner Mutlu, Arzu Razak Ozdincler

Increased Osteoporosis and Hospitalization in Non-Cystic Fibrosis Bronchiectasis (NCFBr) Adults with Desaturation during 6 Minute Walk Test: a Five-year Study

Te Fang Sheng (Taoyuan, Taiwan), Wen-Ching Jao, Lan-Yan Yang, Yu-Bin Pan, Han-Pin Kuo, Chun-Hua Wang

Acute exacerbation of COPD (AECOPD) during pulmonary rehabilitation (PR): impact on outcomes and short-term prediction of risk.

Bertrand Herer (Briis Sous Forges, France), Thierry Chinet

The validity of the EQ5D5L in patients hospitalized an acute exacerbation of COPD

Ruth Barker (Ware, United Kingdom), Claire M Nolan, Sarah E Jones, Suhani Patel, Brigitte M Haselden, Samantha Ssc Kon, William D-C Man, Jeshika Singh, Doug Coyle

12:50 - 14:40

Thematic Poster: Latest insights in pulmonary rehabilitation in COPD**Chairs :** Michele Vitacca (Gussago, Italy), Celso Ricardo Fernandes de Carvalho (SAO PAULO/SP, Brazil), Samantha Harrison (Middlesborough, United Kingdom), Zafeiris Louvaris (LEUVEN, Belgium)**Sexual activity in COPD patients included in a pulmonary rehabilitation program**

Carmen Rosa Vargas Arevalo (Santander, Spain), Adela Antelo Del Rio, Carlos A. Amado Diago, Felix Campos Juanatey, Juan Agüero Calvo, Karla Fabiola Escobar Ramírez, Jose Antonio Portillo Martín

Effects of Hochuekkito combined with pulmonary rehabilitation in patients with COPD

Hironobu Hamada (Hiroshima, Japan), Kiyokazu Sekikawa, Isao Murakami, Kazuyoshi Kagawa, Ken Okusaki, Yoshikazu Awaya, Keiichi Kondo, Noboru Hattori

Disease-specific fear and its relationship with outcomes of pulmonary rehabilitation in COPD.

Thomas Reijnders (Heverlee, Belgium), Nikola M, Stenzel, Michael Schuler, Michael Wittmann, Danijel Jelusic, Konrad Schultz, Andreas von Leupoldt

Does pulmonary rehabilitation improve mortality in patients with chronic obstructive pulmonary disease (COPD)?

Gillian Mcvay (GLASGOW, United Kingdom), Rosie Meharry, David Young, Leigh Sinton, Deborah Hannah, Elaine MacKay, David Anderson

Dance as a rehabilitative strategy for patients with COPD

Victoria MacBean (London, United Kingdom), Charles Cyril Reilly, Gerrard Francis Rafferty, Evangelia Kolyra

Does Pulmonary Rehabilitation improve people's experience of living with Chronic Obstructive Pulmonary Disease? A Retrospective Case Note Review

Laura Graham (LONDON, United Kingdom), Sarah Rand, Matthew Hodson

NIV DURING EXERCISE TRAINING IN PATIENTS WITH CRF ON LONG-TERM VENTILATORY SUPPORT.

Michele Vitacca (Gussago, Italy), Dicle Kaymaz, Barbara Lanini, Guido Vagheggini, Pinar Ergün, Francesco Gigliotti, Nicolino Ambrosino, Mara Paneroni

Does increased body mass index effect the gain of pulmonary rehabilitation on COPD patients?

Hülya Doğanahin (ISTANBUL, Turkey), Hülya Doğanahin, İknur Naz, Yelda Varol, Berna Kömürçüoğlu

Rehabilitation protocol affects cardiac autonomic modulation in chronic obstructive pulmonary disease patients

Rodrigo Rocha (BELEM/PA, Brazil), Saul Carneiro, Marcio Clementino Santos, Fábio Falcão, Valeria Normando, Marlene Moreno, Edivânia Silva, Jairo Conceição

Effects of smoking history on the benefits of pulmonary rehabilitation in patients with COPD

Jose R. Lopes (Londrina, Brazil), Karina C. Furlanetto, Lorena P. Schneider, Nidia A. Hernandez, Fabio Pitta

Can a 6 week multi-disciplinary weekend Pulmonary Rehabilitation service for patients with weekday work commitments be both feasible and effective?

Jide Owolabi (LONDON, United Kingdom), Jane Simpson, Brendan De Luca

Choir in the Pulmonary Rehabilitation Program

Elie Fiss (SAO PAULO/SP, Brazil), SELMA SQUASSONI, Juliana Nascimento, Priscila Cordoni, Nadine Machado, Luciene Bortolassi, Cecilia Tavares

Effects of eight week combined home and outpatient pulmonary rehabilitation in patients with COPD: A Korean multicenter observational study

Won-Yeon Lee (Wonju, Republic of Korea), Seong Yong Lim, Bo Young Lee, Chin Kook Rhee, Hye Yoon Park, Woo Jin Kim, Kyung-Chul Shin, Yu Hui Won, Yong Beom Shin, Sang Do Lee

Effects of Pulmonary Rehabilitation (PR) on Exercise Capacity (EC) and Quality of Life (QOL) in Indian Patients with Severe COPD

Anant Mohan (DELHI (NEW DELHI), India), Raju Pangeni, Randeep Guleria, G C. Khilnani, Karan Madan, Vijay Hadda

Effects of a 3 week rehabilitation program on COPD patient's endothelial function, blood vessel elasticity.

Janos Tamas Varga (Budapest, Hungary), Botond Szucs, Mate Petrekanits

BODE index score changes before and after pulmonary rehabilitation

Vicente Benavides (Cali, Colombia), Esther Wilches

Benefits of pulmonary rehabilitation in COPD patients; characterisation of the responders

Daniela Stefana Gologanu (BUCURESTI/SECTOR 1, Romania), Diana Ionita, Ioana Daha, Cristina Stanescu, Miron Bogdan

Involvement of STAT-3 in the Beneficial Effects of Aerobic Exercise in a Model of Smoke-Induced COPD

Maysa Rangel (SAO JOSE DOS CAMPOS/SP, Brazil), Adriano Silva Renno, Manoel Carneiro Oliveira-Junior, Gabriel de Moraes, Jovana de Almeida Carvalho Mahler, Clariana Rodrigues Soares, Nicole Cristine Rigonato-Oliveira, Auriléia Aparecida de Brito, Ana Paula Ligeiro de Oliveira, Maria Gabriela Belvisi, Rodolfo Paula Vieira

Does the 1-min sit-to-stand test predict long-term outcome after pulmonary rehabilitation in COPD patients?

Sarah Crook (Zürich, Switzerland), Anja Frei, Milo A. Puhan, Konrad Schultz, Danijel Jelusic, Nicola Leibert, Michael Schuler, Michael Wittmann

Assessment of respiratory muscle strength with two different methods in individuals with Mucopolysacchariosis type VI: a pilot study

Bárbara Bernardo Silva (OLINDA/PE, Brazil), Bárbara Silva, Paulo Magalhães, Alanna Vasconcelos, Erika Andrade, Armêla Dornelas, Cyda Reinaux, Rik Gosselink

12:50 - 14:40

Thematic Poster: Mixed up: Various imaging modalities for different lung diseases**Chairs :** Firdaus Mohamed Hoesein (Utrecht, Netherlands), Heinrike Wilkens (Homburg/Saar, Germany), Matthias Held (Wuerzburg, Germany)**Combined Pulmonary Fibrosis and Emphysema (CPFE): correlation between TC parameters and functional decline.**

Maria D'Amato (NAPOLI, NA, Italy), Gaetano Rea, Maria D'Amato, Maurizia Lanza, Anna agnese Stanziola, Antonio Molino

Volumetric texture analysis in the characterisation of interstitial lung diseases in lung transplant patients.

Francesco Gentili (Arezzo, Italy), Maria Antonietta Mazzei, Valerio Nardone, Antonella Fossi, David Bennett, Donatella Spina, Paolo Tini, Francesco Giuseppe Mazzei, Luigi Pirtoli, Paola Rottoli, Luca Volterrani

Clinical role of CT scan-measured pulmonary artery to aorta ratio of acute exacerbation of interstitial lung disease

Mariko Kogo (Hyogo prefecture, Japan), Kojiro Otsuka, Hayato Kawachi, Ryosuke Hirabayashi, Ryubu Mori, Jiro Ito, Yuki Sato, Shunsuke Teraoka, Daichi Fujimoto, Kazuma Nagata, Atsushi Nakagawa, Keisuke Tomii, Munehiro Ito

MRI derived global right ventricle diastolic strains correlate with mPAP in CTEPH

Anne-Lise Hachulla (Geneva, Switzerland), Frédéric Lador, Hajo Muller, Gabriel Guglielmi, Stéphane Noble, Lindsey Crowe, Paola M. Soccal, Maurice Beghetti, Jean-Paul Vallée

Ultrasound assessment of diaphragmatic motion in patients with interstitial lung disease.

David Laszlo Tarnoki (Budapest, Hungary), Adam Domonkos Tarnoki, Bence Fejer, Eniko Barczi, Noemi Eszes, Aniko Bohacs, Veronika Muller, Kinga Karlinger

The possibilities of MR-visualization of the highly active caseous-necrotic focuses at patients from tuberculosis of the lungs.

Anna Maltseva (Ekaterinburg , Russian Federation), Sergey Skorniyakov , Roman Berdnikov, Marionella Kravchenko

Assessing changes in extravascular lung water in patients undergoing hemodialysis using ultrasound

Kalyanaraman Supraja (CHENNAI (TAMIL NADU), India), Raj Singh

Case series to analyse whether echogenicity always reveals underlying exudate or not

Rachelle Ascik (Msida, Malta), Rob Hallifax, Ioannis Psallidas, John Wrightson, Rachel Mercer, John Corcoran, Najib Rahman

Clinico-radiological diagnosis of atypical forms of pulmonary sarcoidosis

Olga P. Baranova (ST PETERSBURG, Russian Federation), Alexandra Speranskaya, Maria Vasilieva

The high sensitivity of PET-CT may safe scarce financial resources in developing countries: The LACOG-0114 Study.

Márcio Debiasi (Porto Alegre, Brazil), Carlos Barrios, Mara Lise Zanini, Márcio Debiasi, Eduardo Herz Berdichevski, Eduardo Vilas, Bruno Hochhegger, Gustavo Werutsky, Carlos Cezar Fritscher, Louise Hartmann, Marcos Alba, Facundo Zaffaroni, Vanessa Bortolotto, Rayssa Do Amaral, Cristina Matushita, Guilherme Sartori, Arthur Vieira, Jeovany Marti nez-Mesa, Vinicius Duval da Silva, Jose Antnio Pinto, Leandro Fritscher

Role of MRI Apparent Diffusion Coefficient (ADC) Quantification in the differentiation between benign and malignant pulmonary lesions

Khaled Hussein (ASSIUT, Egypt), Marwan Nasr Eldin, Hisham Mostafa, Ahmed Hamed

Chest-MRI under non invasive high frequency ventilation: a new promising technique

Adam Ognà (Pully, Switzerland), Catherine Beigelman-Aubry, Jean Delacoste, Maurizio Bernasconi, Bastien Belmondo, Olivier Long, Julien Simons, Gregoire Berchier, Chantal Rohner, Nicolas Peguret, Laurent P Nicod, Jean Bourhis, Matthias Stuber, Reto Meuli, Alban Lovis

Reproducibility of hyperpolarised xenon-129 MRI (129Xe-MRI) of lungs in healthy volunteers

Shahideh Safavi (Nottingham, United Kingdom), Christoph Arthofer, James Thorpe, Michael Barlow, Ian Hall

A comparison of Model-Based Iterative Reconstruction (MBIR) technique with standard Dose Computed Tomography of Thorax in the follow up of lung nodules

Ann O'Mahony, Karl James, Liam Chawke, Niamh Moore, Michael M Maher, Kevin P Murphy, Kashif Ali Khan, Marcus P Kennedy, Desmond Murphy, Michael T Henry

Lung image registration between postures for disease tracking

Hamed Minaeizaeim (Auckland, New Zealand), Haribalan Kumar, Merryn H. Tawhai , Alys R. Clark

Virtual 3D microscope and magnified 3D print for naked eye analyses of alveoli and alveolar duct structures by Heitzman lung specimen with micro CT

Hiroshi Natori (Sapporo, Japan), Masaki Mori, Hirotsugu Takabatake, Hirotochi Homma, Kensaku Mori, Masahiro Oda, Hiroyuki Koba, Hiroki Takahashi

Radiological features of hemoptysis-related arteries in pulmonary aspergillosis infection

Yamamoto Shota (Tokyo, Japan), Suzuki Manabu, Ishii Satoru, Morino Eriko, Takasaki Jin, Iikura Motoyasu, Izumi Shinyu, Takeda Yuichiro, Ryuge Misaki, Ishikawa Hideo, Sugiyama Haruhito

The ratio of cardiac/lung area in expiratory plain chest radiographs correlates with the level of airflow limitation in patients with severe COPD.

Masamichi Mineshita (Kawasaki, Kanagawa, Japan), Takeo Inoue, Teruomi Miyazawa, Hiroki Nishine, Hirotaka Kida, Hiroshi Handa, Naoki Furuya, Tepei Inoue, Baku Ohyama, Shin Matsuzawa

12:50 - 14:40

Thematic Poster: Pleural interventions and transthoracic ultrasound (TUS)**Chairs :** Rahul Bhatnagar (Bristol, United Kingdom), Nick Maskell (Bristol, United Kingdom), John Wrightson (Oxford, United Kingdom), Ioannis Psallidas (Oxford, United Kingdom)**Medical thoracoscopic pleural lavage by sodium bicarbonate in complicated parapneumonic effusion and empyema**

Tamer Ali El-Hadidy (Mansoura, Egypt), Mohammad Khairy Elbadrawy, Asem Hewidy

Ultrasound guided multi-level paravertebral block versus local anesthesia for medical thoracoscopy

Asem Hewidy (Mansoura, Egypt), Maha Abo-Zeid, Mohammed Elgamal, Alaa Eldin Elmaddawy, Amro Moawad

Biopsy of pleural thickenings with pocket size ultrasound device

Lucia Garcia Alfonso (Aviles, Spain), Francisco Lopez, Tamara Hermida, Angélica Orellana, Ariel Moreda, Inés Ruiz, Cristina Hernandez, Pere Casan

Therapeutic thoracentesis-impact on respiratory rate and intrapleural pressure amplitude change.

El bieta Magdalena Grabczak (Warszawa, Poland), Monika Zielinska-Krawczyk, Marcin Michnikowski, Krzysztof Zielinski, Piotr Korczynski, Anna Stecka, Tomasz Golczewski, Rafal Krenke

Utility and security of closed pleural biopsy with Abrams needle assisted with thoracic ultrasound operated by pulmonologists

Jessica Valencia Rivero (Ciudad de México, Mexico), Jaime Alejandro Sánchez Gutiérrez, Patricia Castillo González, Uriel Rumbo Nava, Renata Alejandra Báez Saldaña, Ericka Sagrario Peña Mirabal, Teresa de Jesús Aguirre Pérez

Antiplatelet therapy and medical thoracoscopy: a retrospective study

Valentina Pinelli (Brescia, Italy), Massimiliano Sivori, Vanna Balestracci, Pier Aldo Canessa

Talc pleurodesis vs tunneled pleural drainage in the malignant pleural effusion

Ines Ruiz Alvarez (Aviles (Asturias), Spain), Francisco Lopez Gonzalez, Ana Isabel Enriquez Rodriguez, Ariel Moreda, Angelica Orellana Gonzalez, Lucia Garcia Alfonso, Carmen Osoro Suarez, Pere Casan Clara

Utility of indwelling pleural catheters in benign pleural effusions: A single centre experience

Shahbaz Piracha (Stoke-on-Trent, United Kingdom), Ahmed Raza, Muhammad Badar Ganaie, Tess Cusay, Nadeem Maddekar, Shahul Khan, Ahmad Asa'ari, Muhammed Haris

Current practice: safety checklists for pleural procedures

Patrick Bradley (London, United Kingdom), Elspeth Potton, Helen Meredith

Thoracoscopic pleural brushing- An addendum in diagnostic thoracoscopy

Siva Yuvarajan (PONDICHERRY (Tamil Nadu), India), T K Gangi Reddy

Diagnostic and therapeutic utility of indigenous technique of pleuroscopy in patients of undiagnosed pleural effusions

Hanmant Varudkar (Ujjain, India), Arti Julka, Mustafa Singapurwala

Molecular characterization and diagnostic yield of semirigid thoracoscopy in malignant pleural effusions of pulmonary origin.

Cecilia Mouronte Roibas (VIGO, Spain), Maribel Botana-Rial, Ana González-Piñeiro, Cristina Ramos-Hernández, Manuel Núñez-Delgado, Virginia Leiro-Fernández, Alberto Ruano-Raviña, Alberto Fernández-Villar

Medical thoracoscopy: Pleural nodules- Analytical approach in undiagnosed exudative pleural effusion.

Chetan Patil (KARWAR, India), Ramakant Dixit, Neeraj Gupta, Rakesh C Gupta, Varna Indushekar

The effectiveness of concomitant endobronchial treatment and video assisted thoracic surgery pleurodesis in lung cancer cases with pleural effusion

Kemal Can Tertemiz (Izmir, Turkey), Volkan Karacam, Eyup Sabri Ucan, Alir za Karak I c

Diagnostic value of ultrasound guided transthoracic core needle biopsy in patients with mediastinal lesions and vena cava superior syndrome

Rosen Petkov (SOFIA, Bulgaria), Tzvetan Minchev, Yordanka Yamakova, Evgeni Mekov, Danail Petrov

The value of thoracic ultrasound for characterization of pleural thickening

Lucia Garcia Alfonso (Aviles, Spain), I. Vollmer, M. Benegas, A. Gayete, J. Ramirez, M. Sanchez

Retrospective analysis of the procedures guided by thoracic ultrasound on peripheral pulmonary lesions at the Jerez Hospital Unit since 2012 to October 2016.

Nilda Patricia De La Cruz Castro (Jerez de la frontera, Spain), J. D. Garcia Jimenez, J. C. Rodríguez Fernández, J. M. Gálvez Lozano, F. Pérez Grimaldi, A. Córtes Caballero, J. G. Soto Campos, C. Cabrera Galán, F. Valenzuela Mateos

Feasibility and Safety of Pleuroscopic Cryobiopsy of the Pleura: A Prospective Study

Chia-Hung Chen (Taichung, Taiwan), Wen-Chien Cheng, Bing-Ru Wu, Chih-Yu Chen, Wei-Chun Chen, Wei-Chih Liao, Chih-Yen Tu

Evaluation of cryobiopsy in pleuroscopic procedures

Tajalli Saghaie (Cherrybrook, NSW, Australia), David Darley, Kenneth Lee

12:50 - 14:40

Thematic Poster: Pheripheral lesions: how to reach (radial EBUS, CLE, navigation...) them and treat airleaks

Chairs : Mohammed Munavvar (Preston, United Kingdom), Peter I. Bonta (Amsterdam, Netherlands), Chair to be confirmed

Fluorescein-aided probe-based confocal laser endomicroscopy (pCLE) for detection of peripheral lung and central airways carcinoma

Kiyoshi Shibuya (Narita, Japan), Jouji Horio, Hidehisa Hoshino, Ichiro Yoshino

Histological subtyping of non-small cell lung cancer using transbronchial biopsy specimens obtained with a small forceps

Masahide Oki (Nagoya, Japan), Hideo Saka, Yoshihito Kogure, Masashi Nakahata, Saori Oka, Kazumi Hori, Yuko Ise, Chiyoe Kitagawa

Using multistep approach technique to overcome the limitation of conventional sequential computed tomography-guided percutaneous transthoracic fine needle biopsy

Dong Il Park (Daejeon, Republic of Korea), Sung Soo Jung, Hee Sun Park, Jeong Eun Lee, Chae Uk Chung, Ju Ock Kim

Role of rapid on-site evaluation in electromagnetic navigation bronchoscopy-guided peripheral lung biopsy

Weizhong Jin (Hangzhou, China), Limin Wang

Utility of Virtual Bronchoscopy Navigation in the diagnosis of peripheral lung lesions

Devanand Anantham (Singapore, Singapore), Aik Hau Tan, Anthony Yii, Angela Takano, Adrian Chan, Xinag Angela Liu

Preoperative biopsy risk for recurrence?: A retrospective study of risk factors for recurrence of stage 1A non-small cell lung cancer

Yasuyuki Mizumori (Himeji, Japan), Nobuya Hirata, Ryota Hiraoka, Katsuya Hirano, Ryota Kominami, Sayaka Takahashi, Yasushi Fukuda, Yasutaka Onishi, Shoma Mizuno, Sachiko Higashino, Tomohiro Kato, Kenji Hanaoka, Ryogo Kagami, Rinko Katsuda, Yoko Yokoi, Kohei Miyake, Hiroaki Tsukamoto, Shin Sasaki, Tetsuji Kawamura, Yasuharu Nakahara

Electromagnetic navigation: first long-term italian experience

Filippo Patrucco (TORINO, TO, Italy), Matteo Daverio, Cleto Antonini, Paolo Spina, Piero Emilio Balbo

Implementation of Electromagnetic Navigation Bronchoscopy (ENB) in a Medico-Surgical Department. Results after 6 months of experience.

Jean-Baptiste Stern (Paris Cedex 14, France), Thibault Vieira, Philippe Girard, Raffaele Caliendo, Dominique Gossot, Agathe Seguin-Givelet

Pleural dye marking using radial endobronchial ultrasound combined with virtual bronchoscopy before minimal invasive sublobar lung resection.

Samy Lachkar (ROUEN, France), Mathieu Salaun, Florian Guisier, Maxime Roger, Christophe Peillon, Philippe Rinieri, Luc Thiberville, Jean Marc Baste

Evaluation of lung cancer diagnoses made by bronchoscopy despite EBUS findings being invisible

Kohei Okafuji (Tokyo, Japan), Atsushi Kitamura, Hiroshi Nakaoka, Kenji Ishii, Ryosuke Tsugitomi, Tomoyuki Tanigawa, Yutaka Tomishima, Torahiko Jinta, Naoki Nishimura, Tomohide Tamura

Safety of transbronchial lung biopsy using radial probe endobronchial ultrasound and a guide sheath performed by beginners learning the procedure

Jung Seop Eom (Busan, Republic of Korea), Min Ki Lee, Jeong Ha Mok, Changhwan Kim

Comparison between different types of forceps used in transbronchial lung biopsy

Abdulrahman Hasan Almadani (East Riffa, Bahrain), Anu Deenadayalu, Melissa Ng Yee Ping, Aidan O'Brien

A Survey of Peripheral Sampling Practices among Canadian Physicians

Anna Sczaniecka (Redmond, United States of America), Alain Tremblay, Antoine Delage, Stephen Lam, Xavier Gonzalez

Endoscopic treatment with endobronchial valves of Persistent Air Leak (PAL)

Marco Trigiani (Ghedi, Italy), Margherita Innocenti, Elena Torricelli, Michela Bezzi, Damiano Bottone, Mauro Novali, PieroFranco Foccoli

Intrabronchial autologous blood and tranexamic acid instillation provides effective control of persistent air leak in inoperable bronchopleural fistula

Mehrnaz Asadi Gharabaghi (TEHRAN, Islamic Republic of Iran), Shahab Rafieian, Reza Mollazadeh, Hosnollah Sadeghi, Shahram Samadi, Mohammadreza Mireskandari, Hamidreza Abtahi, Davoud Mohammadi, Shima Javadinia

An innovative solution for prolonged air leaks: The customized endobronchial silicone blocker

Abhinav Singla (Sangrur (Punjab), India), Rakesh Godara, Chakravarthi Lokanath, Suvarna Salankay, Ravindra Mehta

12:50 - 14:40

Thematic Poster: Bronchoscopy: from stent to practice tips and tricks

Chairs : Prashant Nemichand Chhajed (MUMBAI (MAHARASHTRA), India), Jonas Yserbyt (LEUVEN, Belgium), Gregoris Stratakos (ATHENS, Greece), Erik H.F.M. van der Heijden (Nijmegen, Netherlands)

Comparison of airway measurements for tracheobronchial stenosis between stereoscopic bronchoscope and MD-CT

Seichi Nobuyama (Yokohama, Japan), Tetsuo Satou, Hiroshi Handa, Hiroki Nishine, Takeo Inoue, Masamichi Mineshita, Teruomi Miyazawa

Our experience with biodegradable polydioxanone stents in the treatment of post-intubation and post-tracheotomy stenosis

Ludek Stehlik (Praha 4, Czech Republic), Lud k Stehlík, Vladislav Hytych, Pavel Horazdovsky, Martina Vasakova

Cryotherapy in management of postintubation tracheal stenoses-single center experience

Spasoje Popevi (Beograd, Republic of Serbia), Živka Uskokovi -Stefanovi , Milan Gruji

IDIOPATHIC TRACHEAL STENOSIS, MONITORING, DIAGNOSIS, TREATMENT IN ALTITUDES HIGHER THAN 3600m.a.s.IN LA PAZ- BOLIVIA

Omar Hidalgo Martinez M.D. Interventional pulmonologist
Benjamin Castelo Oporto M.D. pulmonologist
Rodrigo Pacheco Ruiz M.D. Thoracic surgeon

Omar Hidalgo Martinez (LA PAZ, Bolivia)

Does the method of interventional bronchoscopy used influence the survival of patients with malignant stenosis of the large airways ?

Miloslav Marel (Praha 1, Czech Republic), Martin Trefny, Frantisek Petrik, Libor Fila, Ondrej Sobotik, Alzbeta Grandcourtova, Jana Kotrbova

Bacterial colonization/infection of the airway stents

Vlasios Vitsas (ATHENS, Greece), Abdelfattah Touman, Leonidas Agelakis, Eleni Moraitou, Evangelos Vogiatzakis, Nikolaos Koulouris, Grigorios Stratakos

Complications of research bronchoscopy in subjects with and without COPD

Elise Orvedal Leiten (BERGEN, Norway), Einar Marius Hjellestad Martinsen, Ingvild Haaland, Eli Nordeide, Sverre Lehmann, Gunnar Reksten Husebø, Øistein Svanes, Tomas Eagan, Per Bakke, Rune Grønseth

Optical coherence tomography for the identification and quantification of human airway wall layers.

Annika W.M. Goorsenberg (Amsterdam, Netherlands), J.N.S. d'Hooghe, D.M. de Bruin, J.J.T.H. Roelofs, J.T. Annema, P. I. Bonta

Indications and complications of flexible bronchoscopy in very elderly patients

Vera Clerigo (LISBOA, Portugal), João Cardoso, P. Monteiro, J. Rosal Gonçalves, C. Bárbara

HD-Bronchoscopy and enhancement technologies for differentiating histology using visualized vascular patterns

Erik H.F.M. van der Heijden (Nijmegen, Netherlands), Anna I. van der Vorm, Piero Candoli, Alessandro Messi, Igor Vasilev, Antonio Santa Cruz

A retrospective analysis of flexible bronchoscopy in evaluation of pulmonary diseases in children with congenital cardiovascular abnormalities

Ting Chen (, China), Li QIU, Lin ZHONG, Hanmin LIU, Lina CHEN

Propofol sedation in bronchoscopy by pulmonologists

Alicia Oliva Ramos (Rivas-Vaciamadrid, Spain), Luis Puente Maestu, Paola Benedetti, Alicia Cerezo Lajas, Laura Ramirez García, Jose Javier García Lopez

Analogosedation during flexible bronchoscopy using a combination of midazolam, propofol and fentanyl– a retrospective analysis

Tobias Mueller (Aachen, Germany), Kristina Thümmel, Christian Cornelissen, Michael Dreher, Stefan Krüger

The role of conventional transbronchial needle aspiration in the endobronchial ultrasound-guided transbronchial needle aspiration age

Blanca De Vega Sanchez (VALLADOLID, Spain), Carlos Disdier Vicente, Ana Andres Porras, Anabel Garcia Onieva, Ignacio Lobato Astiarraga, Santiago Juarros Martinez, Vicente Roig Figueroa

Contribution of bronchial lavage to other diagnostic procedures in patients with visible endobronchial lesions

O uz Karcio lu (ANKARA, Turkey), Sevinc Sarinc Ulasli, Elif Babaoglu, Emine Keles, Umran Ozden Sertcelik, Sevgen Onder, Deniz Koksall

Early or delayed bronchoscopy in the diagnostic work up of hemoptysis?

Filippo Patrucco (TORINO, TO, Italy), Anna Stainer, Bruno Dino Bodini, Roberta Nicali, Piero Emilio Balbo

Four cases of clinical analysis with Takotsubo cardiomyopathy associated with bronchoscopy

Manabu Suzuki (Tokyo, Japan), Konomi Kobayashi, Masao Hashimoto, Satoru Ishii, Eriko Morino, Jin Takasaki, Go Naka, Motoyasu Iikura, Shinyu Izumi, Yuichiro Takeda, Masayuki Hojo, Haruhito Sugiyama

Improvement cell blocks with EBUS-TBNA by Cytospin rinse.

Jan Siwec (Lublin, Poland), Marek Michnar, Barbara Mackiewicz, Juliusz Pankowski, Janusz Milanowski

A pre-lung cancer clinic multidisciplinary team meeting (MDT) and selection of endobronchial ultrasound guided transbronchial needle aspiration (EBUS-TBNA) a first line investigation reduces time to diagnosis.

Faheem Khan (Dublin 24, Ireland), Fattahullah Hassanzai, Michael Bardon, Rakesh Panchal, Jonathan Bennett, Muhammad Tufail

12:50 - 14:40

Thematic Poster: IPF: from bench to bedside

Chairs : Michael P. Keane (Dublin 4, Ireland), Dominique Israel-Biet (PARIS, France), Claudia Ravaglia (Brisighella, Italy), Francesco Bonella (DUSSELDORF, Germany)

Japanese guideline for the treatment of idiopathic pulmonary fibrosis 2017

Sakae Homma (Tokyo, Japan), Masashi Bando, Keishi Sugino, Susumu Sakamoto, Arata Azuma, Japan Diffuse Lung Diseases Research Group

A clinical study of recombinant human soluble thrombomodulin (ART-123) for the treatment of acute exacerbation of idiopathic pulmonary fibrosis

Hiroyuki Taniguchi (Aichi, Japan), Yasuhiro Kondoh, Sakae Homma, Susumu Sakamoto, Kenji Tsushima, Arata Azuma, Takashi Ogura, Yoshikazu Inoue, Takeshi Johkoh, Jun Tagawa

Serum surfactant protein D predicts the outcome of patients with idiopathic pulmonary fibrosis treated with pirfenidone

Kimiyouki Ikeda (Sapporo, Japan), Masanori Shiratori, Hirotaka Nishikiori, Keiki Yokoo, Yuichiro Asai, Youhei Takahashi, Atsushi Saito, Koji Kuronuma, Mitsuo Otsuka, Hirofumi Chiba, Gen Yamada, Hiroki Takahashi, Mamoru Takahashi

The effect of mechanical ventilation to acute exacerbation of IPF and CTD-ILD

Yingmin Ma (BEIJING, China), Liu Yang, Jing Wang, Yuhan Hu, Yijie Zhang, Jie Sun

Effect of nintedanib on multidimensional evaluation in patients with IPF

Kensuke Kataoka (Seto, Aichi, Japan), Hiroyuki Taniguchi, Yasuhiro Kondoh, Tomoki Kimura, Toshiki Yokoyama, Toshiaki Matsuda

Bronchoalveolar lavage in idiopathic pulmonary fibrosis

Samira Aouadi (ARIANA, Tunisia), sabrine majdoub, najla ghairi, emna brahem, houda gharsalli, sonia maalej, leila douik elgharbi

Our transbronchial lung cryobiopsy experience in 29 patient with ILDs

Ali Kadri Çirak (Izmir, Turkey), Ali Kadri Çirak, burcin hakoglu, serpil tekgul, yasemin sirin

Quality of life of idiopathic pulmonary fibrosis patients

Eniko Barczy (Budapest, Hungary), Tamás Erdélyi, Anikó Bohács, Noémi Eszes, Adam Domonkos Tárnoki, Dávid László Tárnoki, Kinga Karlinger, Bence Fejér, Veronika Müller

Impact of specific organic exposure on the prognosis in Idiopathic Pulmonary Fibrosis

Laurens De Sadeleer (LEUVEN, Belgium), Stijn Verleden, Els De Dycker, Jonas Yserbyt, Geert Verleden, Frederik Hermans, Bart Vanaudenaerde, Wim Wuyts

Safety, feasibility and diagnostic yield of bronchoscopic lung cryobiopsy in diffuse parenchymal lung disease- retrospective review of 100 procedures.

Ann O'Mahony, Louise Burke, Michael M Maher, Marcus P Kennedy, Michael T Henry, Adeline Chelliah

A real life multicenter national study on the use of nintedanib in moderate to severe IPF patients

Antonella Caminati (Milano, MI, Italy), Sergio Harari, Venerino Poletti, Marco Confalonieri, Stefano Gasparini, Donato Lacedonia, Fabrizio Luppi, Alberto Pesci, Alfredo Sebastiani, Paolo Spagnolo, Carlo Vancheri, Elisabetta Balestro, Martina Bonifazi, Stefania Cerri, Federica De Giacomi, Rossana Della Porta, Maria Pia Faschino, Annalisa Fui, Patrizio Pasquinelli, Roberta Rosso, Claudia Specchia, Sara Tommasetti, Paola Rottoli

Mortality in biopsy verified usual interstitial pneumonia and the relation to computed tomography scores

Vidar Søyseth (OSLO, Norway), Vidar Søyseth, Helge Scott, Erik H Strøm, Georg Mynarek, Trond M Aalokken

Nintedanib in Idiopathic Pulmonary Fibrosis: a single-centre real-life experience

David Bennett (SIENA, Italy), Lucrezia Pianigiani, Annalisa Fui, Paolo Cameli, Loredana Carobene, Rosa Metella Refini, Maria Pieroni, Antonella Fossi, Paola Rottoli, Maria Lucia Valentini

Plasma fibronectin as the criterion of idiopathic fibrosing alveolitis severity

Oksana Karasyova (Dnepr, Ukraine), Viktoriya Rodionova, Elena Khmel

Expression of mRNA of selected inflammatory markers in BALf cells from patients with sarcoidosis and idiopathic pulmonary fibrosis (IPF)

Marta Maskey-Warzechowska (Warszawa, Poland), Magdalena Paplinska-Goryca, Anna Witkowska, Patrycja Nejman-Gryz, Piotr Korczynski, Rafal Krenke

Can clinical data predict rapid decline of lung function in idiopathic pulmonary fibrosis (IPF) patients?

Veronika Müller (Budapest, Hungary), Veronika Müller, Nesrin Mogulkoc, Martina Šterclová, Beata Zolnowska, Vladimír Bartoš, Martina Pláková, Ladislav Lacina, Robert Slivka, Martina Doubková, Marina Roksandi Milenkovic, Radka Bittenglová, Imrich Jonner, Magdalena Martusewicz-Boros, Monika Žurková, Ilona Binková, Małgorzata Sobiecka, Richard Tyl, Marzena Trzaska-Sobczak, Marzena Trzaska-Sobczak, Paweł Sliwinski, Vladimíra Lošáková, Sebastian Majewski, Pavlína Lisá, Katarzyna Lewandowska, Hana Šuldová, Jasna Tekavec-Trkanje, Amelia Szymanowska-Narloch, Lenka Šišková, Anikó Bohács, Ján Plutinský, Bohumil Matula, Štefan Tóth, František Petřík, Buřková Buřková, Jana Pšikalová, Miklós Zsiráy, Jaroslav Lněnička, Vladimír Řihák, Zsuzsanna Szalai, Zoltan Baliko, Štefan Laššán, Pavlína Musilová, Imre Lajko, Tomáš Snížek, Jan Anton, Jiří Homolka, Peter Palúch, Róbert Vyšehradský, Renata Králová, Jan Kervitzer, Maria Szilasi, Jan Kus, Dragana Jovanovic, Marta Hájková, Michal Svoboda, Jana Strenková, Martina Vašáková, Daniel Doležal

Assessment of general physicians' knowledge in the public and private sectors about interstitial lung disease.

Swapnil Satish Kulkarni (Aurangabad (Maharashtra), India), Sujeet Rajan, Sheetal Bheda, Sapna Madas, Sundeep Salvi

Diffuse alveolar hemorrhage: how relevant is etiology?

Andre Terras Alexandre (Bragança, Portugal), Teresa Gomes, Ana Fernandes, Artur Vale

Global characterisation of routine care interstitial lung disease diagnostic practice

Luca Richeldi (Southampton, United Kingdom), Fernando J. Martinez, Kevin R. Flaherty, Simon L.F. Walsh, ALISON CHISHOLM, Jeffery Myers

Real-life experience with pirfenidone in idiopathic pulmonary fibrosis (IPF) in a single centre in Italy. A retrospective study.

Laura Tavanti (Pisa, Italy), Sara De Magistris, Chiara Romei, Elisabetta Perrone, Fabio Falaschi, Dario Nieri, Massimiliano Serradori, Alessandro Celi, Antonio Palla

12:50 - 14:40

Thematic Poster: Novel and old entities

Chairs : Robert P. Baughman (Cincinnati, United States of America), Wim Wuyts (Rotselaar, Belgium), Jan C. Grutters (Nieuwegein, Netherlands), Chair to be confirmed

Interstitial pneumonia with autoimmune features: applying novel diagnostic criteria to an existing patient cohort.

Helen Hall (Surrey, United Kingdom), Raminder Aul

Clinical significance of histological UIP pattern in interstitial pneumonia with autoimmune features (IPAF)

Yuta Mori (Seto, Aichi, Japan), Hiroyuki Taniguchi, Yasuhiro Kondoh, Tomoki Kimura, Kensuke Kataoka, Toshiki Yokoyama, Yasuhiko Yamano, Taiki Furukawa, Takeshi Johkoh, Jun Fukuoka

Cyclophosphamide in steroid-refractory hypersensitivity pneumonitis and non-classifiable interstitial lung disease

Ivo A. Wiertz (Utrecht, Netherlands), Coline H.M. van Moorsel, Coline H.M. Van Moorsel, Marian J. Quanjel, Jan C. Grutters, Jan C. Grutters

Minor salivary gland biopsy in patients with IPAF and suspected Sjogren's syndrome.

Paloma Millan Billi (BARCELONA, Spain), Silvia Barril Farre, HyeSang Park, Iván Castellví, Laura Martínez-Martínez, Tomás Fraquet Casas, Laura Lopez-Vilaró, Francisco Aparicio, Oriol Sibila Vidal, Diego Castillo Villegas

Prevalence and clinical characteristics of unclassifiable idiopathic interstitial pneumonias (IIPs)

Cécile Rotenberg (PARIS, France), Cécile Rotenberg, Lucile Sese, Olivia Freynet, Aurélie Hervé, Diane Piver, Pierre Yves Brilllet, Dominique Valeyre, Marianne Kambouchner, Hilario Nunes

Metamorphosis of idiopathic interstitial pneumoniae (IIPs).

Yulia Ilkovich (ST PETERSBURG, Russian Federation), Lubov Novikova, Alexandra Speranskaya, Ivetta Dvorakovskaya, Dali Dzadzua

Echocardiographic parameters in suspected cardiac sarcoidosis patients-the role of speckle tracking strain analysis in the diagnosis of cardiac sarcoidosis

Vasileios Kouranos (London, United Kingdom), Mandhu Minz, Olga Danylenko, John Baksi, Kshama Wechalekar, Maria Kokosi, Rakesh Sharma, Athol Wells, Roxy Senior, Rajdeep Khattar, Martin Cowie

INTERSTITIAL PNEUMONIA WITH AUTOIMMUNE FEATURE (IPAF): Clinical, radiological and morphologic profile in indian patients.

Sheetal Chaurasia (BANGALORE (KARNATAKA), India), anish reddy, alamelu haran, pavny chawla

HLA-C*2 as a new HLA marker of Granulomatosis with Polyangiitis.

Carmen Barbas (SAO PAULO/SP, Brazil), Marcos Tavares, Ellen Pierre, Andreia Padilha, Leticia Kawano-Dourado

A case-series of Brazilian patients with Granulomatosis with polyangiitis

Carmen Barbas (SAO PAULO/SP, Brazil), Andreia Padilha, Ellen Pierre, Leticia Kawano-Dourado, Marcos Tavares

Association between ANCA positivity and HLA genotyping in Brazilian patients with Granulomatosis with Polyangiitis.

Carmen Barbas (SAO PAULO/SP, Brazil), Ellen Pierre, Andreia Padilha, Leticia Kawano-Dourado, Marcos Tavares

Place of anti-CCP antibodies in respiratory manifestations of rheumatoid disease

Sabrina Majdoub Fehri (ARIANA, Tunisia), Samira Aouadi, Najla Ghrairi, Chama Hadj Sassi, houda Gharssali, Sonia Maalej, laila Douik El Gharbi

Screening of cardiac involvement in sarcoidosis

Dzmitry Zhurkin (Minsk, Belarus), Halina Baradzina, Vladimir Syty

Identifying Inflammatory Myopathies to optimise Interstitial lung disease treatment strategies

Ann O'Mahony, Peter Riddell, Grainne Murphy, John G Ryan, Sinead Harney, Vincent Tormey, Michael T Henry

Small airways impairment and air-trapping in patients with chronic hypersensitivity pneumonitis (CHP) of different severity

Matteo Bonini (London, United Kingdom), Iliaria Menichini, Alessio Pacini, Marco Brunori, Simon Ward, Simon Walsh, Cecile Daccord, Cosetta Minelli, Omar Usmani, Athol Wells, Felix Chua

Impact of phenotyping/flow cytometry technique on CD4/CD8 index examination in lung granulomatous diseases (LGD)

Piotr Kopinski (Bydgoszcz, Poland), Joanna Golińska, Arkadiusz Goede, Maciej Gnass, Kamil Brutkowski, Ewa Wypasek

A gene network to predict the clinical response to whole lung lavage (WLL), in pulmonary alveolar proteinosis (PAP).

Ilaria Campo (PAVIA, Italy), Michele Zorzetto, Francesco Bonella, Francesca Mariani, Elena Paracchini, Laura Divizia, Martina Magani, Mario Grassi, Federica Meloni

Detrended Fluctuation Analysis independently predicts all-cause mortality of patients with Sarcoidosis

Elias Gialafos (Athens Attiki, Greece), Vasilios Kouranos, Theodoros Papaioannou, Efrosini Manali, Lykourgos Kolilekas, Elias Tsoungkos, Mina Gaga, Aggeliki Rapti, Nikos Koulouris, Spyros Papiris, Gerasimos Filippatos

Development of a multivariate model to predict clinical deterioration in pulmonary sarcoidosis

Muhunthan Thillai (Cambridge, United Kingdom), Henry Yung, Christine Fiddler, Nicola Simler, Edwin Chilvers, Helen Parfrey

Noninvasive Arterial Stiffness Measurement in Patients with Sarcoidosis

Ezgi Demirdogen Cetinoglu (Bursa, Turkey), Ali Uysal, Ozge Aydin Guclu, Guven Ozkaya, Esra Uzaslan, Mehmet Karadag, Osman Akın Serdar

12:50 - 14:40

Thematic Poster: Rare diseases**Chairs :** Thomas Geiser (Bern, Switzerland), Antje Prasse (HANNOVER, Germany), Chair to be confirmed**Lung transplantation for lymphangiomyomatosis: a Brazilian centre experience.**

Martina Rodrigues Oliveira (Sao paulo, Brazil), Bruno Guedes Baldi, Marcos Naoyuki Samano, Silvia Vidal Campos, Ricardo Henrique Oliveira Braga Teixeira, Isabela Pasqualini Minguini, Roni Burlina, Eduardo Zinoni Silva Pato, Carlos Roberto Ribeiro Carvalho, Andre Nathan Costa

Clinical, demographic and radiological properties of asbestosis (17 cases)

Mehmet Bayram (İSTANBUL, Turkey), Didem Özkan, Muhammed Emin Akkoyunlu, Esat Hayat, Fatmanur Okyaltırık, Sabriye İnnur Bilgin

Idiopathic Pneumonia Syndrome after hematopoietic stem cell transplantation

Makiko Yomota (Tokyo, Japan), Noriyo Yanagawa, Tsunekazu Hishima, Kazuteru Ohashi, Tatsuru Okamura, Humikazu Sakai

Clinical Characteristics and outcomes of Follicular bronchiolitis in adult patients

Mengshu Cao (Nanjing, China)

Cross-sectional and longitudinal measurement of autoantibody levels against GM-CSF is useful for predicting clinical courses of in autoimmune pulmonary alveolar proteinosis.

Etsuro Yamaguchi (Nagakute, Aichi, Japan), Masaki Nishimura, Ayumu Takahashi, Hiroshi Tanaka, Norihito Yokoe, Kenshi Kosaka, Toshiyuki Yonezawa, Akihito Kubo

Identification of serum microRNAs in patients with Lymphangiomyomatosis

Olga Torre (PARMA, PR, Italy), Elisabetta Bulgheroni, Sergio Harari, Riccardo Lorenzo Rossi, Jens Geginat, Massimiliano Pagani, Sergio Abrignani

The analysis of alveolar macrophage form in secondary pulmonary alveolar proteinosis complicated with myelodysplastic syndrome.

Haruyuki Ishii (Tokyo, Japan), Ryushi Tazawa, Manabu Ishida, Takeshi Saraya, Yoshikazu Inoue, Miku Oda, Koh Nakata

Teleradiology in interstitial lung disease: first experiences

Katrin Esther Hostettler (Basel, Switzerland), Gregor Sommer, Michael Tamm, Jens Bremerich

Eosinophilic granulomatosis with polyangiitis (EGPA) : A 5-year study using the French nationwide hospital administrative database

Guillaume Beltramo (DIJON, France), Jonathan Cottinet, Maxime Samson, Clément Foignot, Thomas Maitre, Caroline Abdul Malak, Philippe Camus, Catherine Quantin, Philippe Bonniaud

Evaluation of incidental exacerbation of interstitial pneumonia in patients with non-respiratory diseases

Hirotaka Matsuzaki (Tokyo, Japan), YU MIKAMI, NAOYA MIYASHITA, HIDEYUKI TAKESHIMA, KOSUKE MAKITA, SATOSHI NOGUCHI, YASUHIRO YAMAUCHI, TAKAHIDE NAGASE

Human Airway Trypsin-like protease exerts potent anti-fibrotic role in vivo

Awen Menou (PARIS cedex 18, France), Sophie Moog, Pauline Flajolet, Jan Willem Duitman, Aurélien Justet, Brigitte Solhonne, Yves Castier, Pierre Mordant, Hervé Mal, Aurélie Cazes, Jean-Michel Sallenave, Arnaud Mailleux, Bruno Crestani

The impact of oxygen therapy in preterm infants with bronchopulmonary dysplasia

Svetlana Sciuca (Chisinau, Republic of Moldova), Cristina Tomacinschii, Aliona Cotoman, Rodica Selevestru, Olesia Aioani

Pleuroparenchymal fibroelastosis: report of 4 cases

Ana Raquel Caldas Marçôa (Matosinhos, Portugal), Ana Raquel Caldas Marçôa, Sérgio Campainha, Carla Nogueira, Filomena Costa, Agostinho Sanches, Sofia Neves

Autoimmune pulmonary alveolar proteinosis complicated with infections: a nationwide surveillance study in Japan

Toru Arai (Osaka, Japan), Chikatoshi Sugimoto, Etsuro Yamaguchi, Yasuhiro Setoguchi, Toshio Ichiwata, Hiroshi Kida, Ryushi Tazawa, Kanji Uchida, Masahito Ebina, Kazutoshi Cho, Haruyuki Ishii, Takahiro Kasai, Masanori Kitaichi, Masanori Akira, Masaki Hirose, Akiko Matsumuro, Koh Nakata, Yoshikazu Inoue, Yoko Imai

Clinical and radiological correlation of pulmonary complications in CHOP versus rituximab-CHOP regimen treated non-Hodgkin's lymphoma in Thailand

Theerasuk Kawamatawong (BANGKOK, Thailand), Yingluk Watcharananan, Teeraya Puavilai, Warawut Sukkasem

Concentration of serum vascular endothelial growth factor D and its correlation with functional and clinical variables in patients with lymphangioliomyomatosis from a Brazilian reference centre

Martina Rodrigues Oliveira (Sao paulo, Brazil), Alexandre Franco Amaral, Fabio Eiji Arimura, Carolina Salim Freitas, Ronaldo Adib Kairalla, Carlos Roberto Ribeiro de Carvalho, Bruno Guedes Baldi

Diffuse alveolar hemorrhage - review of an interstitial lung disease clinic

Margarida Afonso (Coimbra, Portugal), Tiago M Alfaro, Vania Fernandes, Jessica Cemlyn-Jones

Impact of smoking and lung alterations on aging related manifestations in HIV patients.

Laurent Boyer (CRETEIL, France), Etienne Audureau, Florence Canoui-Poitrine, Laurent Margarit, Sophie dominguez, Jose Luis Zaragoza, Yves Levy, Jean-Daniel Lelievre, Serge Adnot

Altered epigenetic features in circulating nucleosomes in idiopathic pulmonary fibrosis

Julien Guiot (Liège, Belgium), Ingrid Struman, Marcela Chavez, Monique Henket, Marielle Herzog, Katerine Scoubeau, Nathalie Hardat, Benjamin Bondue, Jean-Louis Corhay, Catherine Moermans, Renaud Louis

Interstitial pneumonia with autoimmune features: "new coat of paint"

Maria Alvarenga Santos (LISBOA, Portugal), Susana Clemente, Sofia Furtado

12:50 - 14:40

Thematic Poster: Primary care management of asthma, and self-management of respiratory disease

Chairs : Jiska B. Snoeck-Stroband (Leiden, Netherlands), António Jaime Correia De Sousa (PORTO, Portugal), Karin Lisspers (Gagnef, Sweden), Dermot Ryan (Derby, United Kingdom)

Significant percentage of asthma patients failed to achieve control in the first year after initiating medium or high dose ICS/LABA

Hui Cao (Princeton, United States of America), Andrew Wilson, Emil Loeffroth, Dorothy Keininger, Robert Fogel

Breathing exercises delivered by DVD or face to face physiotherapy-acceptability to patients in the BREATHE study

Mike Thomas (Southampton, United Kingdom), Anne Bruton, Lucy Yardley, Emily Arden-Close, Sarah Kirby

Asthma therapy using Heart Rate Variability modulation by biofeedback

David Shoseyov (Carmei Yosef, Israel), Elad Fein, Yuval Oded, Ashwin Mani

Derivation of asthma phenotypes in primary care

Persijn Honkoop (Leiden, Netherlands), Rishi Khushial, Jacob Sont, Rik Loijmans, Tjard Schermer, Jiska Snoeck-Stroband

Characteristics of asthma patients with frequent exacerbations – an observational study in Sweden

Christer Janson (Uppsala, Sweden), Karin Lisspers, Björn Stållberg, Gunnar Johansson, Marcus Thuresson, Gunilla Telg, Kjell Larsson

Small airways functioning in obesity asthma patients – a cross-sectional study

Marise Kasteleyn (Leiden, Netherlands), Tobias Bonten, Renée de Mutsert, Willemien Thijs, Pieter Hiemstra, Saskia le Cessie, Frits Rosendaal, Niels Chavannes, Christian Taube

Exploring professionals' and managers' perspectives of implementing asthma self-management: a qualitative study from the IMP2ART programme

Hilary Pinnock (Edinburgh, United Kingdom), Susan Morrow, Luke Daines, Sharon Wiener-Ogilvie, Liz Steed, Lorna McKee, Stephanie Taylor

Educational interventions for professionals implementing supported self-management: a systematic review from the IMP2ART programme

Hilary Pinnock (Edinburgh, United Kingdom), Nicola McCleary, Amanda Andrews, Audrey Buelo, Susan Morrow, Sharon Wiener-Ogilvie, Monica Fletcher, Liz Steed, Stephanie Taylor

What features do patients 'want' in a mobile asthma app?: a qualitative study

Chi Yan Hui (Edinburgh, United Kingdom), Robert Walton, Brian McKinstry, Hilary Pinnock

Evaluating the effectiveness of a locally developed Personal Asthma Action Plan (PAAP).

Jane Peach (Crewe, United Kingdom), Angela Cooper

Asthma cost-effectiveness analyses: Are we using the recommended outcomes in estimating value?

Job F.M. van Boven (Groningen, Netherlands), Piyameth Dilokthornsakul, Jonathan D Campbell, Chong H Kim

Effectiveness of community-based self-management interventions among primary care COPD patients: a systematic review

Kate Jolly (Birmingham, United Kingdom), Manbinder Sidhu, Elizabeth Bates, Saimma Majothi, Alice Sitch, Sue Bayliss, Samuel Kim, Rachel Jordan

Stimulation of usage of self-management platforms through integration in disease management

Esther P.W.A. Talboom-Kamp (Breda, Netherlands), Marise Kasteleyn, Noortje Verdijk, Niels Chavannes, Lara Harmans, Irvin Talboom, Mattijs Numans

Morning symptoms and physical activity in the morning in patients with chronic obstructive pulmonary disease – a cross-sectional study

Amanda R. van Buul (Leiden, Netherlands), Marise Kasteleyn, Niels Chavannes, Christian Taube

Concordance between patients and pulmonologists valuation of treatment goals in COPD

Ruxandra Ulmeanu (BUCURESTI, Romania), Florin Mihaltan, Dorin Vancea, Paraschiva Postolache, Gabriela Teodorescu

Factors associated with therapeutic compliance in COPD

Juan Rigual Bobillo (VALLADOLID, Spain), Gianna Vargas Centanaro, Fernando Pelaez, Juan Luis Rodríguez Hermosa, Elena Forcén, Jose Luis Álvarez-Sala, Myriam Calle

Contribution of Total Serum IgE, Absolute Eosinophil Count, Pre-treatment FEV1 and post bronchodilator reversibility to augment the diagnosis of Bronchial Asthma.

Pradeep Nirala (VARANASI (UTTAR PRADESH), India), Mohit Bhatia, J.K. Mishra, Avinash Jain

Clinical predictors of airway obstruction in primary care

Salvatore Bucchieri (Palermo, Italy), Palma Audino, Pietro Alfano, Mario Raphael Melis, Fabio Cibella, Giuseppina Cuttitta, Group Snamid

Evaluation of primary care physician's knowledge, based on international guidelines for COPD, in Karachi.

Fatima Zaina (KARACHI, Pakistan), Sidra Kiran, Jawed Abubaker

12:50 - 14:40

Thematic Poster: Primary care management of respiratory symptoms, allergy, inhalers and adherence

Chairs : Persijn Honkoop (Leiden, Netherlands), Luke Daines (Edinburgh, United Kingdom), Bjorn Stallberg (Uppsala, Sweden), Chair to be confirmed

Fine score is superior to CURB-65 in predicting severity of pneumonia

sarra ammari (manouba, Tunisia), Ferdaous Yangui, Mariem Triki, Maher Abouda, Mohamed Ridha Charfi

The curious incident of the inhaler using dog and other remarkable inhaler technique stories from real-life clinical practice. An IRW study

Esther I. Metting (Groningen, Netherlands), Paul Hagedoorn, Siebrig Schokker, Ellen Van Heijst, Titia Klemmeier, Marije Lieshout, Hester Hoving, Vera Otermann, Marielle Tameling, Warner Postma, Rozemarijn Ettema, Miguel Roman-Rodriguez, Ioanna Tsilligiani, Thys Van Der Molen, Janwillem Kocks, Kim Burger

Comparing asthma and COPD inhaler devices in real life clinical practice in the UK: differences in training requirements and preference

Henry Chrystyn (Bingley, United Kingdom), Hicham Benhaddi, Marianka van der Tol, Jaco Voorham, John Haughney, Sinthia Bosnic-Anticevich, David Price, Nicholas Roche

Assessing NHS stop smoking service engagement in community pharmacies using actors

Sandra Jumbe (LONDON, United Kingdom), Wai Yee James, Robert Walton, Chris Griffiths, Vichithranie Madurasinghe, Ratna Sohanpal, Elizabeth Steed, Steph Taylor, Sandra Eldridge

Beliefs and behaviours towards chronic lung disease - a mixed-method FRESH AIR study

Evelyn Brakema (Amsterdam, Netherlands), Rianne van der Kleij, Charlotte Poot, Liza Cragg, Sian Williams, Mattijs Numans, Mathilda Crone, Ria Reis, Bruce Kirenga, Christos Lionis, Talant Sooronbaev, Niels Chavannes, Pham Le An

Living with breathlessness: a systematic literature review and thematic synthesis

Ann Hutchinson (Hull, United Kingdom), Natalie Barclay-Klinge, Kathleen Galvin, Miriam Johnson

Comparison of depression and anxiety between patients with different dyspnea levels

Sonia Torres-Montiel (Mexico City, Mexico), Viridiana Pelaez-Hernandez, Francisco Figueroa-Herrera, Bernardo Robles-Urbe, Elisa Perez-Cabañas, Arturo Orea-Tejeda, Dulce Gonzalez-Islas, Abril Jimenez-Cepeda, Ana Navarrete-Peñaloza, Leslie Verdeja-Vendrell, Guillermo Perez-Cortes, Luis Castillo-Aguilar, Rocio Sanchez-Santillan

Development and first validation of the COugh Assessment Test (COAT)

Seung Hun Jang (Anyang, Republic of Korea), Joo-Hee Kim, Hyeon-Kyoung Koo, Ina Jeong, So Young Park, Dong-Gyu Kim, Chin Kook Rhee, Yee Hyung Kim, Sung-Kyoung Kim, Eun Young Choi, Ji-Yong Moon, Jong-Wook Shin, Jin Woo Kim, Kyung Hoon Min, Deog Kyeom Kim, Hyun Lee, Je Hyeong Kim, Hyoung Kyu Yoon, Hui Jung Kim

The development and implementation of a lung health awareness programme in a rural district of Uganda

Frederik van Gemert (Groningen, Netherlands), Bruce Kirenga, Rupert Jones, Sian Williams

Relationship between anxiety, depression and walking distance in cardiorespiratory failure patients

Sonia Torres-Montiel (Mexico City, Mexico), Arturo Orea-Tejeda, Viridiana Pelaez-Hernandez, Elisa Perez-Cabañas, Bernardo Robles-Urbe, Francisco Figueroa-Herrera, Dulce Gonzalez-Islas, Guillermo Perez-Cortez, Luis Castillo-Aguilar, Rocio Sanchez-Santillan, Leslie Verdeja-Vendrell, Abril Jimenez-Cepeda, Ana Navarrete-Peñaloza

Gender differences in perceived stress, psychological well-being and therapeutic compliance

Sonia Torres-Montiel (Mexico City, Mexico), Viridiana Pelaez-Hernandez, Bernardo Robles-Urbe, Elisa Perez-Cabañas, Francisco Figueroa-Herrera, Arturo Orea-Tejeda, Dulce Gonzalez-Islas, Rocio Sanchez-Santillan, Leslie Verdeja-Vendrell, Guillermo Perez-Cortes, Ana Navarrete-Peñaloza, Luis Castillo-Aguilar, Abril Jimenez-Cepeda

Factors related with adherence to oxygen therapy in COPD patients.

Javier Berraondo Fraile (PALMA DE MALLORCA, Spain), Antonio Albaladejo Dávalos, Pilar Gual Capllonch, Andrés Maimó Bordoy, Antonia Fuster Gomila, Salvador Pons Vives, Rubén Garrido Llamas

Influence of primary physician factors on the effects of patient education program in airway diseases

Hee Soon Chung (Seoul, Republic of Korea), Jungsil Lee, Ju-Hee Park, Jung-Kyu Lee, Eun Young Heo, Sang-Ha Kim, Tae-Hyung Kim, Yong Bum Park, Hyoung Kyu Yoon, Chin Kook Rhee, Kwang Ha Yoo, Ho-Kee Yum, Deog Kyeom Kim

Managing allergic rhinitis in primary care: the general practitioner and pharmacists.

Biljana Cvetkovski (Glebe, Australia), Zachary Carey-Smekel, Vicky Kritikos, Kwok Yan, Sinthia Bosnic-Anticevich

Lactase deficiency and intestinal microbiota of patients with asthma.

Svetlana Marova (ST PETERSBURG, Russian Federation), Olga Dudina, Natalia Shaporova

The management of allergic reactions in the pre-hospital setting: Does parenteral adrenaline get used unnecessarily?

Craig Mortimer (Sevenoaks, United Kingdom)

Assessment of impact on length of stay (LOS) and cost burden of respiratory inpatients after introduction of hospital at home(H@H) service for bronchiectasis

Ming Lim (London, United Kingdom), Roselle Phelan, Katharine Hurt

Monday effect: Flow-time analysis to decrease waiting time in a Respiratory Emergency Unit

Sebastian Rodriguez-Llamazares (Mexico city, Mexico), Evelyn Lizette Sanchez-Ramos, Jessica Valencia-Rivero, Luis Joel Arroyo-Hernández, Edgar Felipe Castro-Arellano, Jose Luis Sandoval-Gutierrez, Ma. De Lourdes García-Guillen

12:50 - 14:40

Thematic Poster: Bronchiectasis and NTM infections: epidemiology, phenotyping and therapeutic strategies**Chairs :** Pieter Goeminne (BORNEM, Belgium), Felix C. Ringshausen (Hannover, Germany), Michael Loebinger (London, United Kingdom), Aikaterini Dimakou (Agia Paraskeyi, Greece)**Phenotype characterization of non-cystic fibrosis bronchiectasis in India.**

Raja Dhar (KOLKATA (WEST BENGAL), India), Sagar Chandrashekariah, George Dsouza, Srinivas Rajagopalan, Virendra Singh, Rajesh Swarnakar, Surya Kant, Deepak Talwar, Archana Baburao, Aditya Jindal, Babaji Ghewade, Gayathri Devi HJ, Girija Nair, PA Mahesh, Samir Gami, Sushant Meshram, Naveen Dutt, Kaushik Saha, Sundeep Salvi, Sneha Limaye, Stefano Aliberti, James Chalmers

PROGNOSIS - the German Bronchiectasis Registry: first results

Pontus Mertsch (München, Germany), Jessica Rademacher, Andrés de Roux, Grit Barten, Roland Diel, Elena Gert, Joelle Naim, Annegret Zurawski, Tobias Welte, Felix C. Ringshausen and PROGNOSIS Study Group

The effect of gender on sputum microbiological profile in non-cystic fibrosis bronchiectasis

Kai Kong Lee (London, United Kingdom), Hoi Wong, Charles Reilly, Patricia Macedo, Caroline Elston, Sarah Floyd

Non-cystic fibrosis bronchiectasis: etiology and predictors of exacerbations and mortality in patients across the largest health system in central and western Massachusetts

Jisoo Lee (Providence, United States of America), Sunkaru Touray, Scott Kopec

Neutrophil extracellular trap formation in peripheral blood and airway neutrophils in bronchiectasis and CF

Rachael Holly Keir (Dundee, United Kingdom), Christopher Fong, Megan Crichton, Gayle Scott, Gill Brady, Alison Dicker, James Chalmers

Open label case-control study to assess Pidotimod efficacy in Non CF Bronchiectasis Disease: a pilot study

Maria D'Amato (NAPOLI, NA, Italy), Maria D'Amato, Francesca Simioli, Maria Martino, Nunzia Sorrentino, Mariasole Porzio, Anna Agnese Stanziola, Antonio Molino, Mauro Mormile

Aetiology of non-CF bronchiectasis in adults and its association to quality of life

Lotte Terpstra (Alkmaar, Netherlands), Sonja Biesenbeek, Wim Boersma

Chronic lobe collapse: another bronchiectasis phenotype or a marker of Pseudomonas colonisation?

Oxana Munteanu (Chisihau, Republic of Moldova), Leonid Onea, Aliona David, Irina Volosciuc, Victor Botnaru

The pulmonary microbiome in non-cystic fibrosis bronchiectasis.

Micheál Mac Aogáin (Singapore, Singapore), Micheál Mac Aogáin, Albert Yick Hou Lim, Teck Boon Low, Gan Liang Tan, Anthony Chau Yii, Ravishankar Chandrasekaran, Tuang Yeow Poh, Amanda Hui Qi Ng, Denis Bertrand, Jia Yu Koh, Niranjana Nagarajan, John Abisheganaden, Mariko Koh, Sanjay Hareesh Chotirmall, Carrie Kah-Lai Leong

RISK FACTORS FOR ISOLATION MULTIDRUG-RESISTANT PATHOGENS IN BRONCHIECTASIS EXACERBATIONS

Emilia Isabel Amara Elori (VALENCIA, Spain), Raúl Méndez, Tomás Posadas, Beatriz Montull, Soledad Reyes, Emilio Ansotegui, Alexandra Gimeno, Rosalen Amaro, Edmundo Rosales, Eva Polverino, Antoni Torres, Rosario Menéndez

High frequencies of Aspergillus colonization and associated inflammation in stable bronchiectasis

Ravishankar Chandrasekaran (Singapore, Singapore), AY Lim , TB Low, GL Tan, AC Yii, M Mac Aogáin, TY Poh, BJ Au, D Marlier, T Ventakesh, XN Choo, LA Jones, S Narayanan, JE Connolly, J Abisheganaden, MS Koh, S Chotirmall, HZ Chai

Bronchospasm secondary to nebulised antibiotics in bronchiectasis

Raymond Njafuh (SOUTHSEA, United Kingdom), Jill Patten, Tom Jones, Anna Newman, Ben Green

Adherence in bronchiectasis (BQ) and concordance between multidimensional scales in a cohort of patients colonized by Pseudomonas aeruginosa (Psa).

Belen Maria Navas Bueno (motril, Spain), Elisabeth Garcia Cortacero, Jose Manuel Vaquero Barrios, Alicia Padilla Galo, Enrique Gonzalez-Moya Mondelo, Manuel Arenas Gordillo, Juan Carlos Bioque Rivera, Rocio Jimeno Galván, Jose Luis Lopez Campos Bodineau, Silvia Navarro Merlos, Agustin Valido Morales, Francisco Casas Maldonado

Chest physiotherapy in European patients with bronchiectasis: Data from the EMBARC registry

Beatriz Herrero Cortina (ZARAGOZA, Spain), Stefano Aliberti, Francesco Blasi, Stuart Elborn, Michael Loebinger, Rosario Menendez, Antoni Torres, Felix Ringshausen, Tobias Welte, Robert Wilson, James D Chalmers, Eva Polverino, Montserrat Vendrell

Non-tuberculous mycobacteria – number of drugs and duration of treatment – does it matter?

Javed Ibrahim (Walsall, United Kingdom), Wa'el Osman, Ashwin Rajhan, Jayanth Bhat, Sven Lehm, Sushil Agarwal

The efficacy, safety and feasibility of inhaled amikacin for the treatment of refractory non-tuberculous mycobacterial lung diseases

Kazuma Yagi (Tokyo, Japan), Makoto Ishii, Ho Namkoong, Takahiro Asami, Osamu Iketani, Takanori Asakura, Shoji Suzuki, Satoshi Okamori, Hiroaki Sugiura, Yoshitake Yamada, Tomoyasu Nishimura, Hirofumi Kamata, Hiroshi Fujiwara, Yohei Funatsu, Yoshifumi Uwamino, Tomoko Betsuyaku, Naoki Hasegawa

Five year Cohort Analysis of Non-Tuberculosis Mycobacterium Lung Disease at a Tertiary Referral Centre

Rudy Sinha-Ray (London, United Kingdom), R Buchanan, Josie Prynne, Matthew Burman, Devan Vaghela, Simon Tiberi, Heidi Kunst

Long-term Outcome of Pulmonary Resection for Nontuberculous Mycobacterial Pulmonary Disease

Takanori Asakura (Tokyo, Japan), Nobutaka Hayakawa, Naoki Hasegawa, Ho Namkoong, Ken Takeuchi, Shoji Suzuki, Makoto Ishii, Tomoko Betsuyaku, Yoshiaki Abe, Motofumi Ouchi

Aspergillus precipitating antibody in patients with Mycobacterium avium complex lung disease; cross-sectional study

Shoji Suzuki (Tokyo, Japan), Takanori Asakura, Ho Namkoong , Satoshi Okamori , Kazuma Yagi , Hirofumi Kamata , Yohei Funatsu , Yasushi Nakano , Tomoyasu Nishimura , Makoto Ishii , Tamotsu Ebihara , Tomoko Betsuyaku , Naoki Hasegawa

Non Tuberculous Mycobacteria in Calabria region: a retrospective cross-sectional study.

Fabio Bulla (Catanzaro, Italy), Anna Guglielmelli, Salvatore Lombardo, Salvatore Nisticò, Nicoletta Careri, Lorenzo Antonio Surace

12:50 - 14:40

Thematic Poster: Respiratory infections in critical and immuno-depressed patients

Chairs : Miquel Ferrer Monreal (BARCELONA, Spain), Antoni Torres (Barcelona, Spain), Ignacio Martin-Loeches (Dublin 8, Ireland), Marcos I. Restrepo (San Antonio, United States of America)

Risk factors and outcomes of pneumonia caused by multidrug-resistant Pseudomonas aeruginosa: a clinical case-control study

Dingyun Feng (Guang zhou, China), Xiaoling Zou, Hailing Yang, Wenjuan Li, Yuqi Zhou, Tiantuo Zhang

Pneumonia caused by extensive drug-resistant Acinetobacter baumannii among hospitalized patients: genetic relationships, risk factors and mortality

Zi wen Zhao, Yujun Li, Chu zhi Pan, Zhu xiang Zhao, Peng hao Guo

Risk factors for drug-resistant pathogens in patients with hospital-acquired and ventilator-associated pneumonia

Masahiro Sano (Nagoya, Japan), Yuichiro Shindo, Junya Okumura, Toshihiro Sakakibara, Toshiaki Matsuda, Tetsuya Yagi, Yoshinori Hasegawa

Detection of alpha-hemolysin in Staphylococcus aureus derived respiratory strains: correlation with microbiological and clinical variables

Alicia Lacoma De La Torre (Badalona (Barcelona), Spain), Maisem Laabei, Oriol Plans, Sergi Martinez Vega, Meissiner Gomes-Fernandes, Fernando Arméstar, Consuelo Villanueva, Pilar Ricart, Cristina Prat

Predictors of mortality in VAP following cardiac surgery – adult and pediatric

Kalyanaraman Supraja (CHENNAI (TAMIL NADU), India), Rohit Anusha, Parthasarathy Rajeevalochana, Soundar Sharmila, Shree Shenbagavalli, Murugan Santhalakshmi

The impact of septic shock on intensive care unit-acquired pneumonia survival is not homogenous

Otavio Tavares Ranzani (SAO PAULO/SP, Brazil), Gianluigi Li Bassi, Marco Carbonara, Adrian Ceccato, Mariano Rinaldo, Eva Muñoz, Albert Gabarrus, Miquel Ferrer, Antoni Torres

Community-Acquired Pneumococcal Pneumonia in Virologically Suppressed HIV-Infected Adult Patients: A Matched Case-Control Study

Catia Cilloniz Campos (BARCELONA, Spain), Antoni Torres, Christian Manzardo, Albert Gabarrus, Juan Ambrosioni, Felipe Garcia, Adrian Ceccato, Josep Mensa, Jorge Puig de la Bella Casa, Asuncion Moreno, Jose Maria Miro

Sepsis related to pneumonia after renal transplantation

Ventsislava Pencheva (SOFIA, Bulgaria), Daniela Petrova, Diyan Genov, Ognian Georgiev

Clinical Utility of Different Methods In Diagnosis Of Pulmonary Cryptococcosis In Patients Without HIV Infection

Yuping Li (wenzhou, China), Shanshan Su, Li Yang, Junru Ye, Chengshui Chen

Cell-mediated immunity in patients with Pneumocystis jirovecii pneumonia

Gretchen Parrott (Okinawa City, Japan), Daijiro Nabeya, Yukie Higa, Yoriko Yamazato, Takeshi Kinjo, Shusaku Haranaga, Jiro Fujita, Masao Tateyama

Prevalence and risk factors for pulmonary aspergillosis infection in thoracic oncology: a 5 years retrospective study

Jade Cuilleron (LYON, France), Lize Kiakouama, Florence Persat, Maurice Perol, Pascal Roy, Gilles Devouassoux

Clinicopathologic features of pulmonary Cryptococcus

Yu-Deok Choi (Gwangju, Republic of Korea), Sang-Yun Song, Hong-Joon Shin

Invasive pulmonary aspergillosis in immunocompetent patients acquired during renovation in a chest institute

Kshitij Agarwal (DELHI (NEW DELHI), India), Aradhana Masih, Mujeeb ur Rahman, SN Gaur, Ferry Hagen, Jacques F. Meis, Anuradha Chowdhary

Pneumocystis jirovecii pneumonia, study of 26 cases

Sara Calero Pardo (Madrid, Spain), Irene Cano Pumarega, Maria Teresa Río Ramírez, Araceli Abad Fernández, Elena Canal Casado, Pilar Adrés Ruzafa, Jose Luis García Satué, Cristina Matesanz López, Zully Adjani Vasquez Gambasica, Rafael Marulanda Melo, Amador Ramos Martos, Maria ANtonia Juretschke Moragues

Lung Cancer and bronchial infection

Pierdonato Bruno (ROMA, RM, Italy), Simone Pascale, Alessandro Onofri, Michela D'Ascanio, Fabrizio Terzo, Alberto Ricci, Salvatore Mariotta

Mortality and prognostic factors of necrotizing community acquired pneumonia (NCAP) in a general hospital

Marco Antonio Solis Aramayo (Ciudad Autónoma Buenos Aires, Argentina), Manuel Ibarrola, Hugo Karlen, Jaime Guillen, Eduardo Medinacelli, Lisandro Churin, Silvia Quadrelli

Microorganisms resistant to conventional antimicrobial treatment in acute exacerbation of COPD

Cristina Estirado (BARCELONA, Spain), Adrian Ceccato, Mónica Guerrero, Arturo Huerta, Albert Gabbarrus, Joaquim Gea, Nestor Soler, Antoni Torres

Neutrophil CD64 versus Neutrophil/Lymphocyte ratio (NLR) as markers predicting in-hospital outcome in acute exacerbation of COPD

Aliae Mohamed-Hussein (ASSIUT, Egypt), Sanaa Aly, Asmaa Zahran, Samiaa Sadek

The association between Chlamydia pneumoniae chronic infection and inflammation in COPD patients.

Magdalena Paplinska-Goryca (Warszawa, Poland), Renata Rubinsztajn, Patrycja Nejman-Gryz, Tadeusz Przybyowski, Rafa Krenke, Ryszarda Chazan

12:50 - 14:40

Thematic Poster: CAP: severity scores, risk groups and biomarkers**Chairs :** Adamadia Liapikou (ATHENS, Greece), Oriol Sibila Vidal (BARCELONA, Spain), Rosario Menendez Villanueva (VALENCIA, Spain)**ONE YEAR MORTALITY IN PATIENTS WITH PNEUMOCOCCAL BACTERAE MIC COMMUNITY ACQUIRED PNEUMONIA: ROLE OF THREE PNEUMONIA SEVERITY SCORES**

Leyre Serrano Fernandez (Bilbao (Bizkaia), Spain), Luis Alberto Ruiz Iturriaga, Ainhoa Gomez Bonilla, Rafael Zalacain Jorge, Lorea Martinez-Indart, Pedro Pablo España Yandiola, Ane Uranga Echeverria, Amaia Artaraz Ereño, Milagros Iriberry Pascual

Comparison of pneumonia severity scoring methods in identification of severe community acquired pneumonia

Charlene Yang (Sydney, NSW, Australia), Meow-Cheong Yaw, Julie Robinson, Andrew Allchin, Matthew Sandeman, Richard Lee

Is the CURB65 score fit for purpose - a retrospective analysis

Davinder Dosanjh (LONDON, United Kingdom), Frances Grudzinska, Alice Wood, Sian Hughes, David Thickett

The comparisons of severity scoring systems for community acquired pneumonia patients with chronic obstructive pulmonary disease

Jinfu Xu (Shanghai, China), Ruoxuan Dai, Qinghua Kong, Wen Xu, Mao Bei, Xiaoru Wang

DIFFERENCES IN COMMUNITY ACQUIRED PNEUMONIA ACCORDING TO GENDER

Beatriz Gonzalez Quero (bilbao, Spain), Leyre Serrano Fernandez, Marta Garcia Moyano, Idoia Salinas Garrido, Ainhoa Gomez Bonilla, Beatriz Gomez Crespo, Amaia Urrutia Gajate, Luis Alberto Ruiz Iturriaga, Rafael Zalacain Jorge

Predictive factors for multidrug-resistant pathogens in hemodialysis patients with pneumonia : a multicenter study

Hwayoung Lee (Jeju, Republic of Korea), Jihyun Kim, Jae-Uk Song, Hye kyeong Park, Jonghoo Lee

The glycemic gap and 90-day mortality in community-acquired pneumonia- A prospective cohort study

Andreas Vestergaard Jensen (Roskilde, Denmark), Daniel Faurholt-Jepsen , Gertrud Baunbæk Egelund, Stine Bang Andersen, Pelle Trier Petersen, Thomas Benfield, Martin Witzenrath, Gernot Rohde, Pernille Ravn, ' Capnetz Study group

Undiagnosed diabetes mellitus in community-acquired pneumonia - A prospective cohort study

Andreas Vestergaard Jensen (Roskilde, Denmark), Daniel Faurholt-Jepsen , Gertrud Baunbæk Egelund, Stine Bang Andersen, Pelle Trier Petersen, Thomas Benfield, Martin Witzenrath, Gernot Rohde, Pernille Ravn, ' Capnetz Study group

Influence of diabetes on serum profiles immune mediators and their association with the severity in patients hospitalized for pneumonia.

Renata Baez-Saldaña (Mexico City, Mexico), Renata Alejandra Baez Saldaña, Carlos López-Elizondo, Uriel Rumbo-Nava, Ricardo Lascrain-Ledesma, Leslie Chávez-Galán, Araceli Escobar-Rojas, Patricia Castillo-González, Patricia Gorocica-Rosete

Immunostimulating therapy in treatment of Community-acquired pneumonia

Feruz Ahmedov (Samarkand, Uzbekistan), Nematilla Aralov, Shukhrat Ziyadullaev, Mirgolib Rakhimov

Evaluation of thiol/disulfide redox status in community-acquired pneumonia

Ebru engüleref Parlak (ANKARA, Turkey), Ebru engüleref Parlak, Murat Alisik, Habibe Hezer, Aysegul Karalezli, H.Canan Hasanoglu, Ozcan Erel

Feasibility of a quantitative polymerase chain reaction assay for diagnosing Streptococcus pneumoniae associated Community Acquired Pneumonia (CAP)

Nienke Paternotte (Amsterdam , Netherlands), Michael V. Schaik, Ruud Duijkers, Wouter Rozemeijer, Wim Boersma, Wil Vdr Reijden

Investigation of factors associated with result of pneumococcal urinary antigen in the microbiological investigation of pneumococcal lower respiratory infections

Frederic Riviere (Clamart, France), Pierre Louis Conan, France Charton, Hervé Le Floch, Olivier Bylicki, Wanda Gaspard, Jacques Margery, Charles Soler

Cytokine-based prediction of aetiology in community acquired pneumonia

Ruud Duijkers (Zaandam, Netherlands), Eduard Burgmeijer, Wim Boersma, Rene Lutter

Cytokine responses, microbial etiology and short-term outcome in community-acquired pneumonia

William Ward Siljan (Oslo, Norway), Jan Cato Holter, Ståle Haugset Nymo, Einar Husebye, Thor Ueland, Pål Aukrust, Tom Eirik Mollnes, Lars Hegelund

Proadrenomedullin (proADM) for clinical severity and prognosis in patients with pneumonia

O uzhan Okutan (STANBUL, Turkey), Sedat Demirsoy, Zafer Kartaloglu, Omer Ayten, Dilaver Tas, Kadir Canoglu

Role of thoracic ultrasound in the diagnosis of pneumonia

Eman Sobh (Al-Mahalla Al-Kobra, Egypt), Sabah Oraby, Fatma Gamal

Do not resuscitate orders in community-acquired pneumonia: a retrospective cohort study.

Gertrud Baunbæk Egelund (FREDERIKSBERG, Denmark), Gertrud Baunbæk Egelund, Andreas Vestergaard Jensen, Stine Bang Andersen, Pelle Trier Petersen, Bjarne Ørskov Lindhardt, Christian von Plessen, Gernot Rohde, Pernille Ravn

Legionella pneumonia admissions in adults from 2000 to 2009 in mainland Portugal: A ten-year retrospective analysis

Ana Santos Dornellas Cysneiros (LISBOA, Portugal), Ana Dias, Francisca Teixeira Lopes, Fernanda Paula, Margarida Serrado, Baltazar Nunes, António Diniz, Filipe Froes

12:50 - 14:40

Thematic Poster: From microbiology to clinical work

Chairs : Charles Feldman (Johannesburg, South Africa), Eric Mortensen (Simsbury, United States of America)

The structural and functional study of colistin resistance enzyme MCR-1

Peijun Li (CHENGDU, China), Jian Jiang, Zongan Liang, Wei Cheng

Effect of corticosteroids on innate and adaptive T cell responses to non-typeable Haemophilus influenzae

Joshua Wallington (Southampton, United Kingdom), Anthony Williams, Karl Staples, Tom Wilkinson

Regulatory T cells and inhibitory receptor expression in chronic pulmonary aspergillosis patients

Shin Myung Kang (Incheon, Republic of Korea), Min Kyung Jung, Eui-Cheol Shin, Eun Suk Son, Jeong-Woong Park, Eun Young Kim

Inhalable Ciprofloxacin-Nanoplex (CIP-Np) combined with mannitol as a novel bronchiectasis therapeutic

Celine Vidailac (Singapore, Singapore), The-Thien Tran, Valerie Yong Fei Lee, Ravishankar Chandrasekaran, Albert Lim, Teck Low, Gan Tan, John Abisheganaden, Mariko Koh, Jeanette Teo, Kunn Hadinoto, Sanjay Chotirmall

Pulmonary collectins provide a first line of defense against L. Pneumophila through inhibiting their type IV secretion system.

Atsushi Saito (Sapporo, Japan), Shigeru Arika, Hiroki Takahashi, Yoshio Kuroki

MAIT cells protect against fatal intracellular pulmonary legionella infection via IFN-

Timothy Hinks (Marlborough, United Kingdom), Huimeng Wang, Criselle D'Souza, Lyudmila Kostenko, Xin Yi Lim, Troi Pediongo, Shihan Li, Sidonia Eckle, Bronwyn Meehan, Nancy Wang, Alexandra Corbett, Lars Kjer-Nielsen, Richard Strugnell, James McCluskey, Zhenjun Chen

RSV infection of the airway epithelial cell line BEAS-2B stimulate NK cells.

Jennifer Davies (LIVERPOOL, United Kingdom), Rachel Corkhill, Steve Christmas, Paul McNamara, Brian Flanagan

Labyrinthopeptin A1 and A2 efficiently inhibit cell entry of hRSV isolates

Sibylle Haid (Hannover, Germany), Sebastian Blockus, Svenja M. Wiechert, Martin Wetzke, Hans Prochnow, Ronald Dijkman, Bettina Wiegmann, Marie-Anne Rameix-Welti, Jean-Francois Eleouet, Paul Duprex, Volker Thiel, Gesine Hansen, Mark Brönstrup, Thomas Pietschmann

Dry powder inhaled ribavirin in healthy volunteers: safety, tolerability, lung and systemic pharmacokinetics

Shuying Yang (Uxbridge, United Kingdom), Julia Billiard, Stephen Baker, Vijayalakshmi Chandrasekaran, Frans van den Berg, Etienne Dumont

Transcriptomic analyses reveal anti-viral responses of epithelial cells and multiple immune cell types in HRV infected human lung tissue

Helena Obernolte (HANNÖVER, Germany), Peter Braunbach, Danny Jonigk, Soren Beinke, Nikolai N Belyaev, Mark Lennon, Gregor Warnecke, Hans-Gerd Fieguth, Edith M Hessel, Armin Braun, Katherina Sewald, Sabine Wronski, , On behalf of the U-BIOPRED Study Group

The response of macrophages to Moraxella catarrhalis infection

Jodie Ackland (Southampton, United Kingdom), Joshua Wallington, David Cleary, Myron Christodoulides, Karl Staples

Deposition pattern of aerosolized Legionella using an ex vivo human-porcine respiratory model

Sophie Perinel Ragey (Cellieu, France), Valérie Forest, Mathilde Landraud, Jérémie Pourchez, Françoise Girardot, Serge Riffard, Magalie Stauffert, Séverine Allégra

Effect of intrathoracic debridement with a flexible bronchoscope for acute empyema

Masataka Matsumoto (Miki, Japan), Kaori Kawase, Kazumi Kaneshiro, Kiyonobu Takatsuki

Time related change of etiology and outcome in two large cohorts of pleural infection.

Christian Niels Meyer (Roskilde, Denmark), Karin Armbruster

Polymicrobial empyema has a poor prognosis compared to monomicrobial empyema

Akio Yamazaki (Kurashiki, Japan), Akihiro Ito, Tadashi Ishida, Yasuyoshi Washio

Half Dose Urokinase Can Be Effective in Patients with Complicated Parapneumonic Effusion.

Soo-Jung Um (Busan, Republic of Korea), Seul Lee, Hyun-Kyung Lee, Ji Yung Yang

Systemic inflammatory response in acute bronchitis, caused by influenza A (H1N1) swl in pregnant women

Igor Gorikov (Blagoveshchensk, Amur Oblast, Russian Federation), Victor Kolosov, Leonid Nakhamchen, Vadim Reznik

Profile of the respiratory patients with nosocomial Clostridium difficile enterocolitis

Irina Ruxandra Strambu (BUCURESTI 5, Romania), Livia Luculescu, Alina Croitoru

Radio-clinical profil of pulmonary hydatidosis

Arfaoui Hajar (Casablanca, Morocco), Wiam Elkhatabi, Hasna Jabri, Hicham Afif

Severe Asthma on-Chip: a novel platform enables study of viral-induced exacerbations in asthma and drug response In Vitro

Remi Villenave (Boston, United States of America), Carol Lucchesi, Hyun-Hee Lee, Justin Nguyen, Antonio Varone, Katia Karalis, Stephen Alves, Michael Salmon, Geraldine Hamilton

12:50 - 14:40

Thematic Poster: Lung cancer - basic science: the latest results from the bench

Chairs : Georgia Hardavella (London, United Kingdom), Sam Janes (London, United Kingdom), Inmaculada Alfageme Michavila (Sevilla, Spain), Chair to be confirmed

LSC - 2017 - IL-17-mediated inflammation promotes cigarette smoke-induced genomic instability

Songmin Ying (Hangzhou, China)

Systematic Analysis of Gene Expression Alterations and Clinical Outcomes of Adenylate Cyclase-Associated Protein in Cancer

Shuanshuan Xie (shanghai, China), CHANGHUI WANG

Identification of reference genes in lung cancer from RNA-seq data

Macarena Arroyo Varela (MALAGA, Spain), Rocio Bautista Moreno, Rosario Carmona Muñoz, Rafael Larrosa Jiménez, José Luis De la Cruz Ríos, Manuel Cobo, MG Claros

IL-17C promotes growth and proliferation of K-ras induced cancerous lesions

Christoph Beisswenger (Homburg/Saar, Germany), Felix Ritzmann, Robert Bals, Christopher Jungnickel, Giovanna Vella

Bile acid receptor accelerates to the lung cancer process induced by lung fibroblast-tumor cells interaction, with high activation of phosphorylated STAT3 and alteration of cytokine secretion

Xueqing Liu (Shanghai, China), Wenjie You, Shan Xue, Handong Jiang

Regulatory mechanisms of ER- of OPN-Integrin interaction in the migration of human lung cancer cells

Nian Dong (, China), Chengshui Chen

GSK-3 inhibition suppresses lung cancer cell survival, metastasis and proliferation through down-regulation the phosphorylation sites of CAP1

Shuanshuan Xie (shanghai, China), changhui Wang

The role of STAT3 in T-cell responses during the development of NSCLC

Lisanne Heim (Erlangen, Germany), Bettina Kroß, Corinna Holzinger, Susanne Mittler, Susetta Finotto

Activin-A protects against lung cancer progression by potentiating anti-tumor immunity.

Ioannis Morianos (Athens, Greece), Maria Semitekolou, Dimitris Stellas, Clementine Bostantzoglou, Mina Gaga, Georgina Xanthou

The Role of Interleukin (IL) - 10 in a murine model of lung adenocarcinoma (ADC)

Juliane Friedrich (Erlangen, Germany), Bettina Kroß, Sonja Trump, Corinna Holzinger, Susetta Finotto

OPCs abate the prometastatic potential elicited by irradiation in lung cancer

Xiaoning Zeng (Nanjing, Jiangsu, China), Wangshu Dai, Guangzong Chen, Xinchun Sun

Cytokine profile in lung cancer microenvironment- analysis of bronchoalveolar lavage fluid by Luminex assay

Joanna Domaga a-Kulawik (Warsaw, Poland), Iwona Kwiecien, Marek Radkowski, Malgorzata Polubiec-Kownacka, Dariusz Dziedzic, Tomasz Kryczka

Programmed death-1 T cells in lung cancer- a comparison of BALF cells from affected lung to healthy lung and peripheral blood

Iwona Kwiecien (Warsaw, Poland), Tomasz Skirecki, Malgorzata Polubiec-Kownacka, Dariusz Dziedzic, Joanna Domaga a-Kulawik

Cytokine network in relation to regulatory cells in lung cancer microenvironment

Joanna Domaga a-Kulawik (Warsaw, Poland), Marek Radkowski, Anna Stelmaszczyk-Emmel, Malgorzata Polubiec-Kownacka, Dariusz Dziedzic, Tomasz Kryczka, Iwona Kwiecien

Cytotoxic phenotype of lymphocytes in bronchoalveolar lavage (BAL) of patients with non-small cell lung cancer (NSCLC)

Piotr Kopinski (Bydgoszcz, Poland), Jakub Swadba, Marek Libura, Ignacy Nowogrodzki, Joanna Woźniak, Tomasz Wandtke, Artur Szlubowski

12:50 - 14:40

Thematic Poster: Lung cancer - clinical research: scientific pearls from the bedside**Chairs :** Klimentini Bostantzoglou (Athens, Greece), Torsten Gerriet Blum (Berlin, Germany), Giulia Maria Stella (Pavia, Italy), Chair to be confirmed**The prognosis of the neutrophil to lymphocyte ratio and platelet to lymphocyte ratio in lung cancer and the association with treatment: a retrospective study**

jin jing (Chengdu, China), liu dan

Association between C-reactive protein and survival in non-small cell lung cancer

Daniela Patrícia Cunha Machado (Rio Tinto, Portugal), Daniela Patrícia Cunha Machado, Catarina Marques, Filipa Lima, Sérgio Campainha, Sara Conde, Ana Barroso

C-reactive protein and assessment of chemotherapy response in advanced non-small cell lung cancer

Saoussen Bacha (Ariane/Tunis, Tunisia), Sabrine Mejdoub El Fehri, Sonia Habibech, Sana Cheikhrouhou, Hager Racil, Abdellatif Chabbou, Naouel Chaouch

Influence of Thyroid Transcription Factor 1 expression in prognosis of lung adenocarcinoma

Filipa Ramalho Fernandes (Alcanena, Portugal), Filipa Carriço, Filomena Luís, Rita Gomes, Alcina Tavares, Adelino Amaral, Luís Ferreira

The diagnostic value of serum tumor markers in newly diagnosed lung cancer patients

Elif Tugce Korkmaz (ANKARA, Turkey), Deniz Koksall, Funda Aksu, Z. Gunnur Dikmen, Duygu Icen, Emin Maden, Sevgen Önder, Filiz Akbalyk, Salih Emri

The correlation of serum tumor markers and distant metastasis in lung adenocarcinoma

Yuncui Gan (, China), Jing Jin, Ping Zhou, Weimin Li

Prognostic significance of p53 and Ki-67 expression in Patients with Resected Lung squamous cell carcinoma

Cheol-Hong Kim (Gyeonggi-do, Republic of Korea), In-Gyu Hyun, Dong-Gyu Kim

Fascin-1 overexpression predicts a poor prognosis in non-small cell lung cancer

Dan Li (Changchun, China), Weimin Li

The Expression and Clinical Significance of ER- and OPN in Tissues of Human Lung cancer

Nian Dong (, China), Chenshui Chen

Prevalence of ALK translocations in a large cohort of non-small cell cancer patients and quality of hybridization by sampling method.

Luis Miguel Seijo Maceiras (MADRID, Spain), Elena Cabezas, Teresa Perez-Warnisher, Manuel Domine, Mabel Cedeño, Federico Rojo

Assessing the relevance of biological prognostic indices in predicting survival in non-small cell lung cancer

Ghassen Soussi (Boumhal, Tunisia), Hajer Racil, Saoussen Bacha, Sonia Habibeche, Chaouch Nawel

Pemetrexed continuation maintenance in patients with advanced lung adenocarcinoma

Patrícia Alexandra Vieira Dionísio (Oeiras, Portugal), Patrícia Alexandra Vieira Dionísio, Paula Alves, Ana Sofia Vilariça, Direndra Hasmucrai, Encarnação Teixeira, Renato Sotto-Mayor, Cristina Bárbara

Comparison of NSCLC patient groups with activated EGFR mutations treated with three different tyrosine-kinase inhibitors (TKI): Real-life data from the Czech Republic

Jana Skřípková (Brno 35, Czech Republic), Jana Skřípková, Renata Chloupková, Karel Hejduk, Miloš Pešek, Vít Zslav Kolek, Leona Koubková, Jaromir Roubec, Markéta Černovská, František Salajka, Jana Krejčí, Libor Havel, Marcela Tomášková, Monika Šatánková, Andrea Benejova, Ivona Grygarkova, Michal Hrnčíř, Milada Zemanová, Dimka Sixtová, Zdeněk Merta

Effect of physical characteristics on patient response to nivolumab in non-small-cell lung cancer

Osamu Kanai (Kyoto, Japan), Yun Hak Kim, Yoshiki Demura, Kohei Fujita, Makiko Kanai, Misato Okamura, Koichi Nakatani, Masaya Akai, Tadashi Mio, Toyohiro Hirai

Immunotherapy with nivolumab in NSCLC: single center experience after one year clinical practice

Dionisios G. Spyros (THESSALONIKI, Greece), Panagiotis Chinellis, Paul Zarogoulidis, Ellada Eleftheriadou, Katerina Paraskevaidou, Sofia Lampaki, Efimia Boutsikou, Konstantinos Zarogoulidis, Theodoros Kontakiotis

End of life treatment of metastatic lung cancer patients in the Netherlands

Gea Douma (Leeuwarden, Netherlands), Heidi P. Fransen, Ben J.W. Venmans, Mieke J. Aarts

Clinicopathological prognostic factors in operated for lung cancer and brain metastasis patients

Dora Marinova (SOFIA, Bulgaria), Sevdalin Nachev, Evgeni Mekov, Miroslav Mihailov, Denitsa Dimitrova, Vania Youroukova, Dimitar Kostadinov, Yanina Slavova

Management of brain metastases in patients with non-small cell lung cancer

Saoussen Bacha (Ariane/Tunis, Tunisia), sabrine el fehri mejdoub, sonia Habibeche, Sana Cheikhrouhou, Hager Racil, Abdellatif Chabbou, Naouel Chaouch

Brain metastasis as initial presentation of lung cancer - Impact of prognostic factors on patient survival

Vanessa Maria Ferreira Dos Santos (Ovar, Portugal), Maria Jacob, Rita Paupério, Rita Boaventura, Gabriela Fernandes, Adriana Magalhães, António Morais, Venceslau Hespanhol, Henrique Queiroga

12:50 - 14:40

Thematic Poster: Lung cancer - noteworthy reports on patient - reported outcome measures, smoking cessation, weight, and sleep disorders**Chairs :** Ilona Rousalova (Praha, Czech Republic), Tuncay Göksel (Izmir, Turkey), Ross Morgan (Dublin, Ireland), Paul Martin Putora (St. Gallen, Switzerland)**Fear of anxiety symptoms in asthma, lung cancer patients and healthy subjects**

Latinka Basara (Zagreb, Croatia), Tajana Jalušić Glunčić, Tanja Jurin, Marko Jakopović, Sanja Popović Grle, Miroslav Samaržija

Pilot trial of the ICHOM lung cancer standard set

Jan van Meerbeeck (EDEGEM, Belgium), Lesley De Backer, Birgitta Hiddinga, Annelies Janssens

Better quality-of-life in patients with exon 19 deletion receiving first-line tyrosine kinase inhibitors for advanced non-small-cell lung cancer

Szu-Chun Yang (Tainan, Taiwan), Jung-Der Wang

Effect of quitting smoking at the time of diagnosis of lung cancer on survival

Rachel Gemine (Ilanelli, United Kingdom), Keir Lewis

Who will continue to smoke? A descriptive study from patients with newly diagnosed lung cancer

Chia Chen Yang (Taipei, Taiwan), Mei Ling Chen

Comparison of demographics in quitters compared to continued smokers in patients with lung cancer

Rachel Gemine (Ilanelli, United Kingdom), Keir Lewis

Body mass index in early stage lung cancer – should we be vigilant?

Rita Boaventura (PORTO, Portugal), Leonor Meira, Maria Jacob, Vanessa Santos, David Araújo, Ana Verónica Cardoso, Gabriela Fernandes, Adriana Magalhães, António Morais, Henrique Queiroga, Venceslau Hespanhol

Advanced lung cancer – does BMI matter?

Leonor Meira (Leça da Palmeira, Portugal), Rita Boaventura, David Araújo, Verónica Cardoso, Vanessa Santos, António Morais, Gabriela Fernandes, Adriana Magalhães, Henrique Queiroga, Venceslau Hespanhol

Sleep disordered breathing is very prevalent in patients with lung cancer : Preliminary results of the SAIL study (Sleep Apnea In Lung cancer)

Maria Teresa Perez Warnisher (MADRID, Spain), M Fernanda Troncoso, Elena Cabezas, Teresa Gómez, Rosario Melchor, Abdulkader El Hachem, Paula Rodríguez, Javier Pinillos, Carolina Gotera, Nicolás González-Mangado, Luis M Seijo

Sleep-disordered breathing in patients with newly diagnosed lung cancer

Tobias Mueller (Aachen, Germany), Michael Dreher, Jan Storre, Stefan Krüger, Susanne Schulze Olden

Non Small Cell Lung Cancer and impact of comorbidities, symptoms, access and time spent in the Emergency Department and hospitalizations: a retrospective single center case note analysis

Carlo Barbetta (FERRARA, Italy), Miriam J Johnson, Nicola Tamburini, Mattia Portinari, Marco Contoli, Elena Forini, David C Currow, Matthew Maddocks, Franco Ravenna, Nunzio Calia, Umberto Zuccon, Alberto Papi

Emergency presentation of lung cancer patients via A&E increases the chances of having advanced disease stage and worse performance status

Vytis Dudzevicius (Middlesbrough, United Kingdom), Anisah Tariq, Julie Owens, Claire Oxley, Ramamurthy Sathyamurthy, Rehan Mustafa, David Spence, Clive Peedell, Eleanor Aynsley, Richard Hartley, Carol Taylor, Angela Wood, Joel Dunning, Ursula Earl, Jonathan Ferguson, Mamatha Devaraj, Tom Ward, Talal Mansy, Louise Li

Causes of hospitalization in patients with lung cancer

Adamadia Liapikou (ATHENS, Greece), Panagiotis Petras, Meropi Panagiotarakou, Andreas Anastasopoulos, Michael Toumbis

Implementation of a rapid outpatient diagnostic program for suspected lung cancer in our hospital.

Maria Del Carmen Vera Sanchez (Malaga, Spain), Jose Luis Velasco Garrido, Lorena Piñel Jimenez, Mari Carmen Fernandez Aguirre, Alicia Ruiz Martin, Nuria Reina Marfil, Eva Cabrera Cesar, Maria Victoria Hidalgo Sanjuan

Use of a rapid access email referral system in lung cancer: Diagnosing Cancer Earlier?North Edinburgh Lung cancer service Western General Hospital

Karuna Sapru (Edinburgh, United Kingdom), Fredericke Boellert, Philip Reid

Quality standards assessment in Bronchoscopy Services; friend or foe

Priyam Verghese (Harlow, United Kingdom), Asma Khan, Tracey Fleming, Georgia Hardavella

Medical thoracoscopy: experience from a UK District General Hospital

Maryam Ahmed (Wolverhampton, United Kingdom), Philip Brammer, Mazhar Chaudri

A comparison of patients from a regional multi disciplinary team referred for surgical lung cancer treatment

Nneka Nwosu (LIVERPOOL, United Kingdom), Kirsty Maclean, Anna Herbert, Andrew Hudson, Ram Sundar, Neil Bayman

Methodology of formulation of multidisciplinary guidelines for support care management of lung cancer patients

Daniel Veale (Dieulefitt, France), Frederic Herengt, Paul Calmels, Majid Brunet, Fadila Farsi

Nurse led telephone contact facilitating “virtual” lung cancer clinics reduces outpatient attendances and maintains patient satisfaction

Melanie Pritchard (Neston, United Kingdom), Andrew Wight, Kay Hughes

12:50 - 14:40

Thematic Poster: Lung cancer - clinical relevant aspects of epidemiology, co-morbidities, metastasized disease, and follow-up

Chairs : Anna Rich (Nottingham, United Kingdom), Digambar Behera (CHANDIGARH (U.T.), India), Chair to be confirmed

Chemopreventive effect of long-term use of low-dose aspirin on lung cancer risk : A nationwide study considering competing risk

Eun Mi Chun (Seoul, Republic of Korea), Shinhee Ye, Eun-Hee Ha

Lung cancer in never smokers. An update of the Lung Cancer Risk Factors in Never Smokers Study (LCRINS)

María Luisa Torres Duran (Vigo (Pontevedra), Spain), Alberto Ruano Ravina, Isaura Parente Lamelas, Virginia Leiro Fernandez, Jose Abal Arca, Carmen Montero Martinez, Olalla Castro Anon, Iria Vidal Garcia, Mariano Provencio Puga, Antonio Golpe Gomez, Cristina Martinez, Roxirys Guzman Taveras, Margarita Amenedo Gancedo, Alberto Fernandez Villar, Juan M. Barros Dios

A comparison of patients with newly-diagnosed NSCLC between 3 metropolitan hospitals in Melbourne, Australia between 2012-2014.

Sameer Karnam (Melbourne, Australia), Marliese Alexander, Matthew Conron

Trends in lung cancer in Eskisehir province of Turkey from January 1990 to December 2016.

Güntülü Ak (ESKİŞEHİR, Turkey), Selma Metintas, Senay Yilmaz, Filiz Bogar, Muzaffer Metintas

Characteristics of lung cancer patients in Serbia and subsequent treatment in advanced NSCLC over time – epidemiology study

Dragana M. Jovanovi (Belgrade, Republic of Serbia), Nevena Secen, Zafir Murtezani, Milan Rancic, Marta Velinovic, Vesna Ceriman, Milija Gajic, Spasoje Popevic, Natalija Samardzic, Milica Kontic, Evica Budisin, Zoran Andric, Ivana Vukanic, Nevena Vukobradovic-Djoric

The dynamics of bronchoscopic results in lung cancer on a 10 year period. The experience of the Bronchology Department, Cluj-Napoca, Romania

Marioara Simon (CLUJ-NAPOCA/ CLUJ, Romania), Antonia Harangus, Andrea Crisan, Ionut Simon

Nsclc and egfr activating mutations (EGFRm+). Experience from a reference center in Greece.

Serafeim Chrysikos (ATHENS, Greece), Andriani Charpidou, Eleftherios Zervas, Georgios Krommydas, Eleni Kokkotou, Maria Anyfanti, Georgios Drivas, Maria Kaponi, Rodoula Triggidou, Katerina Dimakou, Konstantinos Syrigos

Molecular and clinical profile of adenocarcinoma lung among Indian women

Renjitha Subhash (Thiruvananthapuram, India), Arjun Padmanabhan, Boben Thomas

Overall survival analysis and characterization of an EGFR mutated non small cell lung cancer (NSCLC) population

Filipa Aguiar (Paredes, Portugal), Gabriela Fernandes, Luís Cirnes, José Carlos Machado, Henrique Queiroga, Conceição Souto Moura, Venceslau Hespagnol

Croatian Caucasians with lung adenocarcinoma harbouring EGFR mutations with and without brain metastasis

Katherina Sreter (Zagreb, Croatia), Suzana Kukulj, Silvana Smojver-Jezek, Sven Seiwert, Marko Jakopovic, Miroslav Samarzija

Annual Southeast Asian haze affects lung cancer diagnosis and survival.

Tidi Hassan (Dublin 8, Ireland), Ian Chun Soo, Faisal Abdul Hamid, Roslina Abdul Manap, Andrea Ban, Ashivini Renault

Coexistence of chronic obstructive pulmonary disease in patients with advanced non-small cell lung cancer and impact on survival

Davorka Mursic (Zagreb, Croatia), Sonja Badovinac, Marta Korsic, Filip Popovic, Mihovil Roglic, Branka Cucevic, Marko Jakopovic, Miroslav Samarzija

Silent venous thromboembolism (VTE) in patients undergoing thoracic surgery in the course of lung cancer.

Paweł Kuca (Otwock, Poland), Barbara Kazanecka, Malgorzata Dybowska, Janusz Burakowski, Cezary Czajka, Franciszek Grzegorzczak, Witold Tomkowski

Clinical and Epidemiological Features of Lung Cancer Complicated with Pulmonary Embolism

Yavuz Havlucu (MANİSA, Turkey), Pinar Celik, Halise Zengin, Tugba Goktalay, Aysenur Sakar Coskun, Arzu Yorgancioglu

Lung cancer and HIV infection in a center

Marta Sofia Nobre Pereira (S. Brás de Alportel, Portugal), Djamila Neves, Bruno Santos, Vanda Areias, Ulisses Brito

Metastatic disease in non-small cell lung cancer: is it all the same?

Leonor Meira (Leça da Palmeira, Portugal), Rita Boaventura, David Araújo, Vanessa Santos, Verónica Cardoso, António Morais, Gabriela Fernandes, Adriana Magalhães, Henrique Queiroga, Venceslau Hespagnol

SCLC presenting as ovarian metastasis in a young pregnant. A case report.

Antonio Cennamo (Pomigliano D'Arco, Italy), Ambra Nicolai, Fabio Perrotta, Giovanni Cioffi, Marina Gilli, Francovito Piantedosi, Andrea Bianco, Gennaro Mazzarella

Clinical Indicators of Survival in Stage IV Lung Cancer: Role of Metastases (M) Descriptor

Ping Shi Zhu (Montréal, QC, Canada), Thomas Vandemoortele

Improved overall survival after early recurrence of lung cancer following the introduction of CT-based follow-up for patients initially treated with curative intent by (chemo)radiotherapy (CRT).

Niels-Chr. G. Hansen (Odense C, Denmark), Christian B. Laursen, Stefan S. Jeppesen, Erik Jakobsen

Clinical factors of long-term survival in patients with advanced lung cancer

Kyoko Murase (Tokyo, Japan), SHUHEI MORIGUCHI, YUI TAKAHASHI, KAZUMASA OGAWA, SAYAKA MOCHIZUKI, SHIGEO HANADA, HIRONORI URUGA, HISASHI TAKAYA, ASTUSHI MIYAMOTO, NASA MOROKAWA, KAZUMA KISHI

12:50 - 14:40

Thematic Poster: Lung cancer - worthwhile scientific news from endoscopists and thoracic surgeons**Chairs :** David Baldwin (Nottingham, United Kingdom), Isabelle Opitz (Zurich, Switzerland), Joanna Chorostowska-Wynimko (Warsaw, Poland), Chair to be confirmed**Diagnosis and surveillance of pulmonary nodules; the magic world of 'incidentalomas'**

Georgia Hardavella (London, United Kingdom), Anum Azhar, Nefeli Paizi, Sujal Desai, Apeera Hussain

Role of Fibre optic Bronchoscopy in excluding malignancy in patients with haemoptysis following normal CT Thorax

Muthu Thirumaran (Wakefield, United Kingdom), Felicity Dickens, Husham Elfaki, Martyn Kennedy, Akshay Dwarakanath

Diagnostic efficacy and safety of navigational bronchoscopy (NB) in the investigation of challenging lung lesions.

abubakar khan (London, United Kingdom), Georgia Hardavella, Geoffre Warwick, Frank McCaughan, sujaldesai, nicola mulholland, nicholas greenwood, donald whitaker

Two rare presentations of rare endobronchial leiomyoma from a single centre.

Rajesh Swarnakar (NAGPUR (MAHARASHTRA), India), Deepak Muthreja, Anil Sontakke

Three distinct clinical presentations of the diffuse idiopathic pulmonary neuroendocrine cell hyperplasia

Armin Frille (Leipzig, Germany), Annett Oltmanns, Hans-Juergen Seyfarth, Tanja Gradistanac, Stefan Hammerschmidt, Frank Langer, Christian Veith, Rainer M. Bohle, Philipp A. Schnabel, Hubert Wirtz

Usefulness of F-18 FDG PET/CT to identify metastatic mediastinal lymph node in NSCLC patients with bilateral benign mediastinal lymph node hyperplasia

Yun Seong Kim (Yangsan city, Gyeongsang Nam-do, Republic of Korea), Seong Hoon Yoon, Bong Soo Son, Do Hyung Kim, Keun Young Kim, Seong-Jang Kim

A totally Positron Emission Tomography (PET) negative lung cancer

Valter Gallo (Rivoli, TO, Italy), Paolo Righini, Giovanni Maria Ferrari, Massimo Comune, Oliva Alessandro, Roberto Prota

Endobronchial ultrasound-transbronchial needle aspiration and video-assisted mediastinoscopic lymphadenectomy in staging of lung cancer

Elena Prina (Canzo, Italy), Miguel Gallego, Concepción Montón, Manuela Iglesias, Mariona Novell, Roser Saumench, Daniel Monserrate, Maria José Masdeu, Laura Vigil, Neus Combalia, Rosa Escoda, Carmen Blazquez, Ruth Orellana, Laura Millares, Lluís Berná, Eduard Monsó

Photodynamic therapy (PDT) for the prevention of lung cancer (The Pearl Trial).

Georgia Hardavella (London, United Kingdom), Ricky Thakrar, Neal Navani, Alan Hackshaw, Yen Ngai, Jennifer Child, Laura Farely, Richard Booton, Robert Rintoul, Hans Daniels, Jeremy George, Sam M. Janes

Microwave ablation of malignant lung lesions; safety and efficacy – the King's experience

Frank McCaughan (CAMBRIDGE, United Kingdom), Sa Tran, Parichat Niyomthong, Georgia Hardavella, Geoffrey Warwick, Donald Whitaker, Sujal Desai

Are older patients at increased risk of adverse events? Safety and outcome of transthoracic needle aspiration biopsy in patients 70-79 vs. 80 years suspected of having lung cancer.

Uffe Bodtger (Holmegaard, Denmark), Jatinder Singh Siddhu, Geir Salte

Use of M.E.S.S.I.A. software in mediastinal staging of NSCLC

Laura Mancino (Spinea, Italy), Thomas Galasso, Lucio Michieletto, Loris Ceron

Systemic inflammation and prognosis in lung cancer stage I-II

Francisco Javier Verdu Rivera (, Spain), Amanda Iglesias, Laura Millares, Cristina Villena, Esther Barreiro, Maria Cerda, Luis Seijo, Maria de los Angeles Gonzalez, Eduard Monso, Jaume Sauleda

Physical activity as a predictor of postoperative complications among patients undergoing lung cancer surgery

Ana Gomez-Bastero Fernandez (SEVILLA, Spain), Estefania Luque Crespo, Virginia Almadana Pacheco, Maria , Agustin

Factors associated with delayed recovery to predicted FEV1 calculated with perfusion scan in non-small-cell lung cancer patients after lobectomy

Hyung Woo Kim (Seoul, Republic of Korea), Ah Young Shin, Jick Hwan Ha, Joong Hyun Ahn, Ju Sang Kim

Adjuvant chemotherapy uptake and survival of patients with NSCLC after complete resection: Single institution/single area experience.

Vít zslav Kolek (Olomouc, Czech Republic), Vít zslav Kolek, Ivona Grygarkova, Juraj Kultán, Petr Jakubec, Marek Szkorupa, Cestmir Neoral, Josef Chudacek, Josef Skarda, Tomas Tichy

Survival and prognostic factors of oligometastatic non-small cell lung carcinoma: A single center experience

Pınar Akın Kabalak (ANKARA, Turkey), Derya Köz İlgöz, Ülkü Yılmaz, Tuba Nal Cengiz, Evrim Tunç, Erkmen Gülhan

Early recurrence in complete resected non-small cell lung cancer patients

Eva Filipa de Sousa Antunes Dias Padrão (Braga, Portugal), Eva Filipa de Sousa Antunes Dias Padrão, Margarida Torres Redondo, Maria Jacob, Adriana Magalhães, António Morais, Henrique Queiroga, Gabriela Fernandes, Susana Guimarães, Conceição Souto Moura, João Maciel, Pedro Bastos, Venceslau Hespagnol

Long-term survival after surgical resection for non-small cell lung cancer

Anders Standal Bugge (OSLO, Norway), Johny Steinar Kongerud, Morten Valberg, Steinar Kristian Solberg, Odd Terje Brustugun, May Brit Lund

12:50 - 14:40

Thematic Poster: Pleural and mediastinal malignancies**Chairs :** Kevin Blyth (GLASGOW, United Kingdom), Julius P. Janssen (Nijmegen, Netherlands), Charles-Hugo Marquette (NICE, France)**TGF- β participates in epithelial-mesenchymal transition in pleural fibrosis via targeting S100A4**

Zhongmin Sun (, China), Qian Ning, Feiyan Li, Lei Wang, Hong Li, Yan Yao, Tinghua Hu

Gender differences in asbestos exposure and disease location in 327 patients with mesothelioma

Jens Bak (Randers NØ, Denmark), Vasiliki Panou, Ulla Moller Weinreich, Mogens Vyberg, Christos Meristoudis, Oyvind Omland, Oluf Dimitri Roe, Johnni Hansen

The axis of MGB1 and soluble RAGE levels in pleural effusions from various etiologies.

Ourania Kotsiou (Larisa, Greece), Rajesh Jagirdar , Chrissi Hatzoglou, Konstantinos Gourgoulianis, Sotirios Zarogiannis

Evaluation of New Biomarkers in Prediction of Malignant Mesothelioma in Subjects with Environmental Asbestos Exposure

Melike Demir (DİYARBAKIR, Turkey), Halide Kaya, Mahsuk Taylan, Aysun Ekinci, Sureyya Yılmaz, Fatma Teke, Cengizhan Sezgi, Abdullah Çetin Tanrikulu, Fatih Meteroglu, Abdurrahman Senyigit

Can suspicion for malignancy improve the indication of video-assisted thoracoscopic surgery (VATS) in patients with pleural effusion of unknown cause?

Tommaso Francesco Aiello (Barcelona, Spain), Angels Jaen Manzanera, Ramon Rami Porta, Bienvenido Barreiro Lopez, Lydia Canales Aliaga, Queralt Jordano Montañez

Imaging in Pleural Infections: The Radiation Adds Up

Candice Wilshire (Seattle, United States of America), Carson Fuller, Christopher Gilbert, Brian Louie, Ralph Aye, Alexander Farivar, Eric Vallieres, Jed Gorden

Equalisation of negative intra-pleural pressure via Tunnelled Pleural Catheters (TPCs): a novel practice.

Alexandra Ewence (Salisbury, United Kingdom), Olivia Boshier, Helen Powell, Georgia Tunnicliffe, Lucy Schomberg

The role of Epithelial sodium channel (ENaC) in cell proliferation and tunneling nanotube (TnT) formation in benign mesothelial cells and malignant pleural mesothelioma (MPM) cells.

Rajesh Jagirdar (Larissa, Greece), Sotiris Zarogiannis, Paschalis Adam Molyvdas, Chrissa Hatzoglou, Konstantinos Gourgoulianis

Tunnelled indwelling pleural catheters and trapped lung in malignant mesothelioma

Yasser Madani (London, United Kingdom), Alina Ionescu

Inflammatory appearance of the parietal pleura at thoracoscopy – what does it hide?

Yasser Madani (London, United Kingdom), Rhys Davies, Rhia Davey, Alina Ionescu

Alternative way of tunneling a pleural catheter using a single puncture - our experiences, safety and effectivity.

David Havel (Plzeň, Czech Republic), Jan Zeman, Gabriela Krakorova, Veronika Bednarova, Milos Pesek

Current etiological profile of clear liquid exudative pleural effusion

Hanene Smadhi (ARIANA, Tunisia), Malek Ben Said, Aicha Hchaichi, Ikbel Khalfallah, Hela Kammoun, Hajer BenAbdelghaffar, Dorra Greb, Ines Akrouf, Hela Hassan, Leila Fekih, Mohamed Lamine Megdiche

Thymic neoplasms: clinical presentation, diagnosis and management - A single institution experience

Davorka Mursic (Zagreb, Croatia), Sonja Badovinac, Marta Korsic, Filip Popovic, Mihovil Roglic, Branka Cucevic, Marko Jakopovic, Miroslav Samarzija

SOLITARY FIBROUS TUMOR OF THE PLEURA: OUR EXPERIENCE

Izaskun Jimenez Setuain (Burlada (Navarra), Spain), Carmen Mosquera Gorostidi, Itziar Campo Esnaola, Jose Antonio Cascante Rodrigo, Pilar Cebollero Rivas, Javier Hueto Pérez de Heredia

Is the size of pleural effusion important in the study of patients whose first tumor manifestation is a pleural effusion?

Maria Teresa Perez Warnisher (MADRID, Spain), Bárbara Steen, Beatriz Morales, Rosario Melchor, Mercedes Izquierdo, J Ignacio Granda Orivie, Marisi Verdugo Cartas, Eva de Santiago, Victoria Villena, Nura Abad Santamaría

Pleural fluid ‘cell block’ analysis in malignant pleural effusion: sensitive, superior over fluid cytology and suitable for immunohistochemistry analysis (IHC), will decrease need for thoracoscopy guided procedures

Patil Shital (LATUR (MAHARASHTRA), India), Mazhar Mirza, Gajanan Gondhali

Malignant pleural mesothelioma: a 16-year, single centre experience

Maria Brandão (Vila Nova de Gaia, Portugal), Maria Esteves Simões Brandão, Mariana Rocha, Luísa Nascimento, Teresa Gomes, Joelma Silva, Bebiana Conde, Ana Fernandes

Refining the breath fingerprint of mesothelioma patients by in vitro identification of cancer cell line-specific volatile metabolites

Sabrina Lagniau (Gent, Belgium), Kevin Lamote, Karim Vermaelen, Jan van Meerbeeck, Lore Vandermeersch, Herman Van Langenhove

The survival prediction of malignant pleural effusion and the validation of LENT prognosis score in Thai patients.

Pichaya Petborom (Nakhon Nayok, Thailand), Manasawee Vassara, Panunat Muangnoi

Role of rapid on-site evaluation (ROSE)-cytology of pleural crush biopsy samples in diagnostic pleuroscopy (medical thoracoscopy) for assessing requirement of pleurodesis in the same sitting in a TB endemic country

Kamal Kumar Gera (FARIDABAD (HARYANA), India), Ajay Lall, Jaya Kumar, Andleeb Abrari, Kanika Singh

12:50 - 14:40

Thematic Poster: Translational studies in lung disease**Chairs :** Kylie Belchamber (London, United Kingdom), Silke Meiners (Munich, Germany), Chair to be confirmed**Reduced expression of the transcription factor KLF4 in COPD macrophages is associated with dysfunctional differentiation**

Jessica Tilman (London, United Kingdom), Peter Barnes, Louise Donnelly

Functional activity of bronchial neutrophils in the patients with cold airway hyperresponsiveness (CAHR) in severe asthma

Juliy M. Perelman (Blagoveshchensk, Russian Federation), Aleksey B. Pirogov, Sergey V. Zinov'ev, Anna G. Prikhodko, Dina A. Gassan, Natyana A. Maltseva, Svetlana V. Naryshkina, Juliy M. Perelman

Factors predicting the development of asthma in wheezing children

Simonetta Baraldo (Padova, PD, Italy), Matteo Bonato, Deborah Snjiders, Erica Bazzan, Graziella Turato, Silvia Ferrarese, Roberta Cenedese, Chiara Rigobello, Maria Enrica Tiné, Kim Lokar Oliani, Manuel G. Cosio, Angelo Barbato, Marina Saetta

Characterization of adipose tissue inflammation in morbidly obese asthmatics

Yasemin Türk (Rotterdam, Netherlands), Yasemin Türk, Astrid van Huisstede, Annemarie van Schadewijk, Barbro Melgert, Pieter Hiemstra, Gert-Jan Braunstahl

DJ-1 and its anti-oxidative stress response regulates the expression of sirtuin-1 in COPD epithelial cells
Takeshi Koga (London, United Kingdom), Chaitanya Vuppusetty, Kazuhiro Ito, Peter J Barnes, Jonathan R Baker

Immortalisation of human alveolar epithelial cells to investigate the mechanistic effects of inhaled airborne materials in vitro
Alberto Katsumiti (Plentzia (Basque Country), Spain), Pakatip Ruenraroengsak, Miren P. Cajaraville, Andrew J. Thorley, Teresa D. Tetley

Different expression profile in lung primary cell lines exposed to septic plasma of rats
Josep Bringue (BARCELONA, Spain), Raquel Guillamat-Prats, Marta Camprubi-Rimblas, Eva Torrents, Maria Luisa Martinez, Antonio Artigas, Neus Tantinya, Luis Morales

Evaluation of cadmium cytotoxicity using alveolar epithelial cells derived from human induced pluripotent stem cells
Hye-Ryeon Heo (Chuncheon, Republic of Korea), Jeeyoung Kim, Ji Young Kim, Se-Ran Yang, Hanbyeol Lee, Kye-Seong Kim, Woo Jin Kim, Seok-Ho Hong

Disturbed fatty acid metabolism in airway secretions of patients with Chronic Obstructive Pulmonary Disease
Anne M. van der Does (Leiden, Netherlands), Marieke Heijink, Louise J. Persson, Dick-Paul Kloos, Marianne Aanerud, Per Bakke, Christian Taube, Tomas Eagan, Pieter S. Hiemstra, Martin Giera

B1 and B2 lymphocytes in peripheral blood and bronchoalveolar lavage fluid of patients with COPD
Aliaksei Kadushkin (MINSK, Belarus), Anatoli Tahanovich

Decreased degranulating and mast cells in the small airway wall of COPD patients is indicative of dysfunctional immunity.
Mathew Eapen (Hobart, TAS, Australia), Elizabeth Tan, Chris Ward, Haydn Walters, Sukhwinder Singh Sohal

Eosinophils impair degradation of airway substance P by inhibiting neutral endopeptidase
Katie Lebold (PORTLAND, United States of America), Matthew Drake, Allison Fryer, Nancy Lee, James Lee, David Jacoby

Metabolic changes in peripheral blood mononuclear cells (PBMCs) of subjects with chronic obstructive pulmonary disease (COPD)
Smita Kadam (Pune, India), Baishakhi Ghosh, Komalkirti Apte, Ankita Brahme, Sundeep Salvi, Amit Agarwal

Toxicological and inflammatory effects of engineered nanoparticles and diesel exhaust particles on human mesothelial cells
Canan Demir (ANKARA, Turkey), Demet Tasdemir, Sedat Ilhan, Ahmet Feridun Isik, Hasan Bayram

Oxidative stress modified DAMPs reduce phagocytic capacity in COPD
Paul Kirkham (Wolverhampton, United Kingdom), Trevor Whittall

Influence of emergency origin ionizing radiation on development of lung diseases and preventing measures (Chernobyl NPP Accident)
Lyudmila I. Shvayko (Kyiv, Ukraine)

mTOR Pathway Activation Drives Lung-Cell Senescence and Emphysema in Chronic Obstructive Pulmonary Disease
Amal Houssaini (München, Germany), Marielle Breau, Kanny Kebe, Shariq Abid, Elisabeth Marcos, Iarissa lipskaia, Dominique Rideau, aurelien Parpaleix, Jin Huang, Valérie AMSELLEM, nora viennney, Pierre Validire, , Bernard Maitre, Christina Lukas, David. Vindrieux, Jorge Boczkowski, Genevieve Derumeaux, Mario Pende, david bernard, Silke Meiners, Serge Adnot

Flow cytometry-based profiling of immune cells in asthmatic sputum
Michael Fricker (New Lambton Heights, NSW, Australia), Melanie Erriah, Collin Brooks, Jodie Simpson, Peter Gibson

Specific NFKappaB and Rho-Quinase inhibitors compared to corticosteroid in asthma model in mice
Flávia Souza (SANTOS/SP, Brazil), Flávia Souza, Leandro Camargo, Renato Righetti, Luciana Aristóteles, Tabata Maruyama, Silvia Fukuzaki, Edna Leick, Milton Martins, Carla Prado, Iolanda Tibério, Beatriz Romanholo

Putative role of Eosinophilic cells in Chronic Obstructive Pulmonary Disease (COPD)
Anjali Trivedi (DELHI (NEW DELHI), India), Geetanjali Bade, Anjana Talwar, Debabrata Ghosh, Randeep Guleria, Nasim Akhtar

12:50 - 14:40

Thematic Poster: Insight into the pathogenesis of emphysema and pneumonia**Chairs :** Jamil Jubrail (Paris, France), Martin Witzentrath (Berlin, Germany), Ken Bracke (Ghent, Belgium)**Effect of cyclooxygenase-2 inhibition on lung inflammation and hypoxia-inducible factor-1 signalling in COPD model**

Elena S. Lebedeva (St. Petersburg, Russian Federation), Natalya N. Kuzubova, Olga N. Titova, Elena A. Surkova

Time-dependent effects of diesel exhaust exposure on worsening of emphysema

Alyne Riani Moreira (maua, Brazil), Juliana Lourenço D., Julia B. Kohler, Larissa Emidio, Thamyres Castro, Luciano Delesposte, Beatriz M. Saraiva, Jose Mara Brito, Clarice Olivo, Carla M. Prado, Milton Martins, Fernanda D.T.Q.S. Lopes, Dolores Rivero

Bufei Yishen granules and it combined with acupoint sticking therapy suppresses inflammation in COPD rats: via JNK/p38 signaling pathway

Yange Tian (Zhengzhou, China), Jiansheng Li, Ya Li, Suxiang Feng, Suyun Li, Jing Mao, Yuqiong Dong, Yang Xie, Xuefang Liu, Minghang Wang

Placenta growth factor (PGF) triggers small airway remodeling (SAR) in chronic obstructive pulmonary disease (COPD)

Hsin-Han Hou (Taipei, Taiwan)

Role of lysyl oxidases in pathogenesis of pulmonary emphysema

Füsün Öztay (STANBUL, Turkey), Füsün Öztay, Nezih Besiktepe, Ezel Ersen

The dysregulation of E-cadherin contributes to pulmonary emphysema

Özgecan Kayalar (STANBUL, Turkey), Merve Yildirim, Fusun Oztay

Cadmium-induced inflammation and ER stress are mediated through C/EBP-DDIT3 signaling in human bronchial epithelial cells

SEOK-HO HONG (Chuncheon, Republic of Korea), Hye-Ryeon Heo, Jeeyoung Kim, Ji Young Kim, Se-Ran Yang, Hanbyeol Lee, Kye-Seong Kim, Woo Jin Kim

Rapid alterations in gene expression by human bronchial epithelial cells after exposure to electronic cigarette liquid

Siiri Altraja (TARTU, Estonia), Mario Mitt, Alan Altraja

Relationship between exhaled nitric oxide and clinical pattern in Community-acquired pneumonia patients

Natalja Voskresenska (RIGA, Latvia), Julija Voichevskaja, Sergejs Babikovs, Liga Bergmane, Mara Klibus, Aivars Lejnicks

Host extracellular nucleic acids in severe pneumococcal pneumonia: Pathogenic mechanisms and therapeutic approaches

Luiz Gustavo Teixeira Alves (Berlin, Germany), Holger Müller-Redetzky, Sandra-Maria Wienhold, Eleftheria Letsiou, Martin Witzentrath, Suttorp Norbert

Neutrophils produce microvesicles in pneumococcal pneumonia

Eleftheria Letsiou (Berlin, Germany), Gustavo Teixeira Alves, Matthias Felten, Holger Mueller-Redetzky, Timothy Mitchell, Martin Witzentrath

Incomplete angiopoietin-2 knockdown does not confer protection in murine pneumococcal pneumonia

Birgitt Gutbier (BERLIN, Germany), Carolin Ehrler, Kristina Dietert, Geraldine Nouailles, Olivia Kershaw, Tim J. Mitchell, Achim D. Gruber, Norbert Weissmann, Norbert Suttorp, Martin Witzentrath

12:50 - 14:40

Thematic Poster: Inhalers and inhaler use**Chairs :** Anne J. Lexmond (Groningen, Netherlands), Alexander Mathioudakis (Manchester, United Kingdom), Chair to be confirmed**Evaluation of delivered dose and treatment time of several mesh nebulizers under in vitro simulated use**

Lois Slator (Chichester, United Kingdom), Filippo Quadrelli, Dirk von Hollen, Lucy Hardaker

Optimizing inhalation technique with web-based videos in obstructive lung diseases

Tobias Mueller (Aachen, Germany), Michael Dreher, Annegret Müller, Christian Cornelissen, Christian Huebel, Wolfram Windisch, Verena Knipel

Pressurized Metered Dose Inhaler (pMDI) Delivery to Infants via Valved Holding Chamber (VHC) with Facemask: Not All VHCs Perform the Same

Amanda Bracey (Gloucester, United Kingdom), Mark Nagel, Jason Suggett

Predictors of continuous positive airway pressure adherence in obstructive sleep apnea syndrome

Veronica Leoni (Magnago, Italy), Dina Visca, Angelo De Lauretis, Antonio Spanevello

Effect of breath-actuated mechanism on the emitted particle characteristics and lung deposition of a fixed combination drug

Arpad Farkas (Budapest, Hungary), David Lewis, Alpar Horvath

Patients with underuse and overuse of inhaled corticosteroids have different perceptions and beliefs regarding COPD and inhalation medication

Kirsten Koehorst-Ter Huurne (Enschede, Netherlands), Marjolein Brusse-Keizer, Paul vanderValk, Kris Movig, Job van der Palen, Christina Bode

Ease of use of inhalers and its impact on treatment adherence and control of asthma. An observational study

Esther Barbero Herranz (Madrid, Spain), Luis Maiz, Antonio Valero, Paula Ribó, Myriam Calle, Juan Igual, Vicente Plaza

Assessment of use of the inhaler devices in patients with COPD

Jordan Minov (Skopje, FYROM (Macedonia)), Jovanka Karadzinska-Bislimovska, Saso Stoleski, Dragan Mijakoski, Aneta Atanasovska

Delivery of Respimat Soft Mist Inhaler (SMI) from a Valved Holding Chamber (VHC)

Vlad Kushnarev (London, ON, Canada), Mark Nagel, Cathy Doyle, Jason Suggett

The EDUCA (Elderly and Device Use in Chronic Asthma) multicentre Italian study on the assessment of errors and satisfaction in using the inhalers in elderly asthmatics: Preliminary results.

Silvia Terraneo (Arosio, Italy), Nicola Scichilone, Fabiano Di Marco, Angelo Corsico, Manlio Milanese, Ilaria Baiardini

Effect of CHF5993 pMDI (extrafine Beclomethasone Dipropionate:BDP,Formoterol Fumarate:FF,Glycopyrronium Bromide:GB) on Clinically Important Deteriorations (CID) in COPD: post-hoc analysis of TRINITY study

Mario Scuri (PARMA, PR, Italy), Dave Singh, Alberto Papi, Stefano Vezzoli, Monica Spinola, Annamaria Muraro, Stefano Petruzzelli, Jorgen Vestbo

Systemic bioavailability (BA) and pharmacodynamics (PD) of fluticasone propionate/formoterol (FP/FORM) via pressurised metered-dose inhaler (pMDI) or a novel breath-triggered inhaler (BTI)

Prashant Dalvi (CAMBRIDGE, United Kingdom), David Bell, Gill Mundin, Mark Lomax, Jo Woodward, Sanjeeva Dissanayake

Novel nebulisation of budesonide as add-on treatment in uncontrolled asthmatics

Mark Main (Chippenham, United Kingdom), Gary Burgess, Julie Young, Alison Scrimgeour, Tim Harrison, Bernard Muellinger

Demonstration of therapeutic equivalence between Salmeterol/fluticasone Easyhaler and Seretide Diskus

Satu Lähelmä (Kuopio, Finland), Merja Kirjavainen, Mikko Vahteristo, Jani Korhonen, Leena Mattila, Iissa Kivistö

Evaluating inhalation technique among COPD patients comparing 4 different methods

Anders Løkke (Højbjerg, Denmark), Anders Løkke, Karoline Litrup King, Lotte HK Jørgensen

Assessment of Pulmonary Deposition between two formulations of Salmeterol xinafoate/Fluticasone propionate HFA pMDI 25/125 mcg

Rebello Julliet (MUMBAI (MAHARASHTRA), India), Muneesh Garg, Raghu Naidu, Ratnakar Jadhav, Krishnan Iyer, Nazma Morde, Bill Brashier

Evaluation of the systemic pharmacodynamic effects of two HFA formulations of Salmeterol xinafoate/Fluticasone propionate HFA pMDI 25/250 mcg

Rebello Julliet (MUMBAI (MAHARASHTRA), India), Nazma Morde, Jeevan Yewale, Bill Brashier

IN-VITRO AEROSOL DEPOSITION OF VALVED HOLDING CHAMBERS FOR CHILDREN WITH BUDESONIDE pMDI

Nicolas Buchmann (Gräfelfing, Germany), Daniel Kohlmann, Karin Steinführer, Rosina Ledermüller

Electronic monitoring devices in clinical trials – a doddle to use?

Ireti Adejumo (Nottingham, United Kingdom), Mitesh Patel, Tricia M McKeever, Dominick Shaw

12:50 - 14:40

Thematic Poster: Asthma management

Chairs : Adam Barczyk (Katowice, Poland), Marialuisa Bocchino (NAPOLI, NA, Italy), Christian Taube (Essen, Germany)

Mepolizumab in patients 3 exacerbations and eosinophil count 300 cells/ μ L

Steven Yancey (Durham, United States of America), Frank C Albers, Eric S Bradford, Oliver N Keene, Robert Price

Daily pattern of β 2-agonists: understanding real-life use of rescue medication

David Stempel (RTP, United States of America), Stanley Szefer, Heather Hoch, Michael Tuffli, Meredith Barrett, David Van Sickle

Reslizumab for uncontrolled eosinophilic asthma in patients who experienced a single exacerbation in the previous year: sub-analysis of two phase 3 trials

Michael Wechsler (Denver, United States of America), Margaret Garin, Mirna McDonald, Stephanie Korn

Omalizumab decreases medical resource utilisation in patients with severe allergic asthma in an Italian real-life setting

Giorgio Walter Canonica (Milan, Italy), Claudia Pitotti, Fabiana Saccheri, Laura Rigoni

Omalizumab in severe allergic asthma: a 4-year real world experience, Fife, Scotland

Devesh Dhasmana (St Andrews, United Kingdom), Fiona Auld

Patients' perception of allergic asthma and their compliance to omalizumab in an Italian clinical setting

Paola Rottoli (SIENA, Italy), Elena Bargagli, Caterina Bucca, Maria Cristina Zappa, Marialma Berlendis, Michetti Giovanni, Cristiano Caruso, Marta Bartzaghi, Laura Rigoni, Giorgio Walter Canonica, Bruno Maccocchi

Effects of Omalizumab treatment on nasal symptoms (SNOT score) in patients treated for severe asthma.

Douglas Robinson (LONDON, United Kingdom), Jagdeep Sahota, Therese Bidder, Joel Solis, Harsha Kariyawasam

How effective are oral steroids in asthma action plans?

T. K. Lim (Singapore, Singapore), N. Said, J. Beevi, C.C. Gan

Long term effect of Omalizumab on severe asthma

Michela Maria Bellocchia (TORINO, TO, Italy), Renza Ambrosanio, Filippo Patrucco, Monica Boita, Anna Maria Rella, Luana Focaraccio, Daniela Libertucci, Alessio Mattei, Paolo Solidoro, Caterina Bucca

Mepolizumab and the response to oral prednisolone in patients with severe eosinophilic asthma

Rahul Shrimanker (BRISTOL, United Kingdom), B Hargaden, P Bradding, AJ Wardlaw, CE Brightling, R Green, M Bafadhel, L Heaney, I Pavord, P Haldar

Longitudinal modeling of prebronchodilator FEV1 response to benralizumab for patients with severe asthma

Lorin Roskos, Bing Wang, Li Yan, Binbing Yu, Peter Barker, Mitch Goldman

Monitoring of steroid-induced side-effects in a severe asthma service

Holly Stokes (Winsford, United Kingdom), Hassan Burhan, Gareth Jones, Hannah Joplin

A longitudinal follow-up of severe asthma patients receiving reslizumab

Pascal Chanez (Marseille, France), Margaret Garin, Mirna McDonald, Arnaud Bourdin, Laurie Pahun

Characterisation of exacerbations of severe eosinophilic asthma (SEA) on mepolizumab compared to placebo

Rahul Shrimanker (BRISTOL, United Kingdom), Beverley Hargaden, Peter Bradding, AJ Wardlaw, CE Brightling, Ruth Green, Mona Bafadhel, ID Pavord, Pranab Haldar, L Heaney

Follow-up of patients with severe asthma receiving reslizumab: an FEV1 analysis

Jorge Maspero (BUENOS AIRES, Argentina), Fernando Serrano, Mónica De Gennaro, Gabriel Benhabib, Marta Lampert, Evelin Sureda, Veronica Lawriwskyj, Mirna McDonald, Margaret Garin, Maria Antunez

Asthma control and exacerbation rate with omalizumab in Italian patients with severe allergic asthma: PROXIMA study

Caterina Bucca (TORINO, TO, Italy), Paola Rottoli, Bruno Maccocchi, Cristiano Caruso, Riccardo Polosa, Pierachille Santus, Biagio Polla, Marta Bartzaghi, Laura Rigoni, Giorgio Walter Canonica

Three years follow up after injection omalizumab therapy

Debajyoti Bhattacharyya (DELHI (NEW DELHI), India), Manu Chopra, Indramani Pandey

Is it possible to predict asthma outcomes? A disease model for economic analysis.

Kelly Sutton (London, United Kingdom), Kevin Marsh, Jorgen Moller, Luisa Alvares, Praveen Kumar, Ivan Bottoli

Seasonality of asthma exacerbations: efficacy of fluticasone furoate/vilanterol 100/25µg (FF/VI) vs fluticasone furoate 100µg (FF) alone

Courtney Crim (Research Triangle Park, United States of America), Lucy Frith, Pinal Patel

Effect of CYP3A4 inhibitors verapamil and itraconazole on the pharmacokinetics of AZD7986, an oral DPP1 inhibitor

Philip Gardiner (Mölnådal, Sweden), Alexandra Jauhiainen, Robert Palmér, Jukka Mäenpää, Kristina Stenvall, Bengt Larsson

12:50 - 14:40

Thematic Poster: Biomarker based asthma control**Chairs :** Imran Satia (Blackburn, United Kingdom), Luis Pérez De Llano (Lugo, Spain), Radu Adrian Crisan-Dabija (IASI, Romania)**Periostin as a marker of Th2-related inflammation in patients with different types of chronic obstructive airway disease**

Fco.De Borja Garcia-Cosio Piqueras (Palma de Mallorca, Spain), Luis Pérez de Llano, Irina Bobolea, Natividad de las Cuevas, Separ CHACOS study group, Jose Luis López-Campos, Vicente Plaza, Antolin Lopez-Viña, Alfons Torrego, Eva Martinez Moragon, Jose Luis Izquierdo, Javier Callejas, Joan Soriano, Marc Miravittles, Juan Jose Soler-Catalunya

Association between blood eosinophil count and risk of exacerbations in patients with COPD

Marjan Kerkhof (NORFOLK, United Kingdom), Sarang Rastogi, Marianna Alacqua, Gokul Gopalan, Sadia Halim, Rupert Jones, Chin Kook Rhee, Marc Miravittles, Ian Pavord, David Price

Predictors of a decreasing frequency of asthma symptoms. Results from the Disease Management Program (DMP) Bronchial Asthma in the North Rhine region in Germany.

Arne Weber (Köln, Germany), Sabine Groos, Jens Kretschmann, Christine Macare, Bernd Hagen

Rhinitis and onset of asthma: a 20-year prospective study of a random population sample

Howraman Meteran (Copenhagen, Denmark), Jesper Schou Nielsen, Charlotte Suppli Ulrik, Celeste Porsbjerg, Vibeke Backer

Protective effect of salbutamol on peripheral airway constriction induced by sputum induction in asthma patients

Lucas Demeijer (BRUXELLES, Belgium), Alain Van Muylem, Alain Michils, Amaryllis Haccuria

“App” for uncontrolled moderate-severe asthma patients follow-up

Sonia Herrero Martin (Pamplona (Navarra), Spain), Javier Hueto Perez de Heredia, Marisol Gomez, Alberto Cuesta Remon, Francisco Campano Lancharro, Tamara Gutierrez Urra, Pilar Cebollero Rivas

Exhaled nitric oxide as predictor of bronchial hyperresponsiveness to methacholine in subjects with respiratory symptoms

Stefano Pizzimenti (TORINO, Italy), Pavilio Piccioni, Enrico Heffler, Massimiliano Bugiani, Andrei Malinowski, Giovanni Rolla

Dynamic hyperinflation: an important target for treatment in asthma

Akke-Nynke A.N. van der Meer (Leeuwarden, Netherlands), Aranka Hoekstra-Kuik, Anneke ten Brinke, E.H.D. Bel

Real world evaluation of asthma control risk factors and management: findings from China national asthma control surveys

Dong Yang (Shanghai, China), Jiangtao Lin, Xin Zhou, Changzheng Wang, Mao Huang, Shaoxi Cai, Ping Chen, Qinchang Lin, Jiangying Zhou, Yuhai Gu, Yadong Yuan, Dejun Sun, Xiaohong Yang, Lan Yang, Jianmin Huo, Zhuochang Chen, Ping Jiang, Jie Zhang, Xianwei Ye, Huiguo Liu

Lung Clearance Index (LCI) measurements are reproducible and associated with airway physiological changes in steroid naive asthmatic (SNA) adults

Jethin Rafique (Altrincham, United Kingdom), Thomas Southworth, Alan Bell, Umme Kolsum, Dave Singh

Exacerbation utilities and durations by type: estimates from Phase III benralizumab studies

Sarwar Muhammad Golam, Lance Brannman, Mario Ouwers

Breaking the cycle – enhancing asthma care through development of an asthma care bundle

Bobby Mann (BERKSHIRE, United Kingdom), Rainer Golombek, Nitish Saini, Ashkan Sadighi, Zulfiqar Mirza, Robyn House, Giles Rolph, Leonel Flores, Ron Grant, Essam Ramhamadany

Clinical significance of blood neutrophil differential count in patients with COPD

Yoonki Hong (Chunchen, Republic of Korea), Jinkyong Park, Young Ju Jung, Jin Seon Jeong, Ji Hyun Kim, Woo Jin Kim

Blood EOSinophil counts in asthmatic patients in Italy (EOS study)

Andrea Rossi (VERONA, VR, Italy), Silvia Tognella, Adriano Vaghi, # On Behalf Of Eos/Aipo Study Group

Evaluation of FeNo measurement as an alternative to sputum eosinophils in a severe asthma population

Gael Tavernier (Manchester, United Kingdom), Robert Niven, Dorothy, M. Ryan, Stephen, J. Fowler

Exploring the clinical utility of measuring reversibility in mid expiratory flow and its relationship with FEV1 reversibility in patients with asthma.

Irena Laska (Pahran, VIC, Australia), Seymone Doyle, Lata Jayaram

Association between blood eosinophil count and exacerbation risk in patients with asthma receiving medium- or high-dosage inhaled corticosteroids

Marjan Kerkhof (NORFOLK, United Kingdom), Trung N. Tran, Maarten van den Berge, Guy Brusselle, Gokul Gopalan, Rupert Jones, JanWillem Kocks, Andrew Menzies-Gow, Javier Nuevo, Ian Pavord, Sarang Rastogi, David Price

Systemic and airways oxidative stress in competitive swimmers training in indoor chlorinated swimming pools

Sabina Skrgat (Golnik, Slovenia), Peter Korosec, Mira Silar, Izidor Kern, Matjaz Flezar, Robert Marcun

Clinical impact of vitamin D deficiency on Tunisian asthmatics

Ferdaous Yangui (Tunis, Tunisia), Boutheina Melki, Maher Abouda, Mariem Triki, Mohamed Ridha Charfi

Clinical and spirometric features of asthma patients with fixed airway obstruction

Ferdaous Yangui (Tunis, Tunisia), Boutheina Melki, Maher Abouda, Hadhemi Rejeb, Mariem Triki, Mohamed Ridha Charfi

12:50 - 14:40

Thematic Poster: Chronic airway disease: markers of disease impact**Chairs :** Nikolaos Tzanakis (Heraklion, Crete, Greece), Chair to be confirmed**Comparison of a portable device versus a specific spirometer for cough flow testing**

André Maia Silva (Arvore, Portugal), Sofia Viamonte, Inês Machado Vaz, Miguel Almeida, Ana Gomes, Filipa Silva, João Carlos Winck

Comparison of prebronchodilator FEV1/FEV6 of handheld spirometry with postbronchodilator FEV1/FVC of spirometry in Korea: a pilot study

Chang Youl Lee (Chuncheon, Republic of Korea), Ji Young Hong, Myung-Goo Lee, Seung Hun Jang, Yong Il Hwang

Examining the specificity of an internally quenched fluorogenic substrate for neutrophil elastase

Charlene Robb (Belfast, United Kingdom), Timothy Ferguson, Kelly Moffitt, Darragh McCafferty, Brian Walker

Development of a novel immunoassay for the measurement of active plasmin in patients with IPF

Darragh McCafferty (Belfast, United Kingdom), Kelly Moffitt, Charlene Robb, Timothy Ferguson, Brian Walker, Winnie Tong

Asthma-COPD overlap syndrome (ACOS): a comparison between five different classification models

Gianna Camiciottoli (FIRENZE, Italy), Viola Bonti, Marco Palazzi, Chiara Allegrini, Giulia Ciardi, Fausto Leoncini, Francesca Bigazzi

Research of auscultatory phenomena in patients with partially controlled bronchial asthma during intrapulmonary auscultation

Irina Ponomareva (Ryazan, Russian Federation), Vladimir Abrosimov, Sergei Glotov, Yuriy Petrov

Volumetric capnography method in the evaluation of pulmonary emphysema in patients with COPD

Irina Ponomareva (Ryazan, Russian Federation), Vladimir Abrosimov, Sergei Subbotin

Airflow limitation as a predictor of peripheral atherosclerosis

Joo Hun Park (Suwon, Republic of Korea), Seung Soo Sheen, Sung Chul Hwang, Ji-Ye Jung, Chul Min Ahn, Sang Haak Lee, Yu-Il Kim, Jae Yeol Kim, Eun Mi Chun, Kwang-Ha Yoo, Jing Hong Kim

PRESTINE: The Pan-Canadian REspiratory STandards INitiative for Electronic Health Records

Diane Loughheed (Kingston, ON, Canada), Ann K. Taite, Julia ten Hove, Alison Morra, Anne van Dam, Francine Ducharme, Madonna Ferrone, Andrea S. Gershon, Donna Goodridge, Brian Graham, Samir Gupta, Christopher Liciskai, Gemma Styling, Ana MacPherson, Itamar Tamari, Teresa To

Respiratory function and clinical outcome in children with repaired esophageal atresia (EA) and tracheoesophageal fistula (TEF)

Maria Francesca Patria (Milan, Italy), Stefano Ghislanzoni, Francesco Macchini, Mara Lelii, Alessandro Mori, Laura Maffei, Laura Senatore, Paola Marchisio

Assessment of exhaled breath condensate for non-invasive diagnosis of gastroesophageal reflux disease

Martina Doubková (Krenovice, Czech Republic), Martina Doubková, Jana Škřicková, Jiří Dolina, Dagmar Kindlová, Eva Pokojová, Pavol Šur, Julia Látná, Michal Greguš, Štefan Konečný, František Foret, Petr Kubá

Correlation between Lung Clearance Index (LCI) with SF6 and single breath diffusing capacity testing in elderly patients

Matthias Welsner (ESSEN, Germany), Sven Stieglitz

Correlation between respiratory system resistance and functional capacity of obese grade III women

Mayara Holtz de Paula (Ribeirão Preto, Brazil), Larissa Perossi Nascimento, Daniele Oliveira dos Santos, Letícia Helena De Souza, José Antônio Baddini Martinez, Hugo Celso Dutra de Souza, Ada Clarice Gastaldi

Asthma-COPD overlap syndrome shows favorable prognosis compared to pure COPD in Korean COPD cohort

Min Kwang Byun (Seoul, Republic of Korea), Hye Jung Park, Hyung Jung Kim, Chul Min Ahn, Kwang Ha Yoo, Ki Suck Jung

Regular follow-up visits reduce the risk for severe asthma exacerbation required admission

Min Kwang Byun (Seoul, Republic of Korea), Hye Jung Park, Hyung Jung Kim, Chul Min Ahn, Chin Kook Rhee, Kyung Joo Kim, Kwang-Ha Yoo

Predictors of variation in lung function of adults residing in Karachi, Pakistan

Muhammad Arslan Khan (Karachi, Pakistan), Shama Razzaq, Asaad Nafees

Breath VOC patterns of lung transplant recipients with and without chronic lung allograft dysfunction (CLAD)

Olaf Holz (HANNOVER, Germany), Lucas Kueppers, Jens Gottlieb, Mark Greer, Jens Hohlfeld

Adult bronchiectasis patients: microbiological insight in the Moldovan Bronchiectasis Registry

Oxana Munteanu (Chisihau, Republic of Moldova), Doina Rusu, Sofia Alexandru, Victor Botnaru, Irina Volosciuc

The development of a novel immunoassay for the quantification of active tryptase

Timothy Ferguson (Belfast, United Kingdom), Darragh McCafferty, Charlene Robb, Kelly Moffitt, Brian Walker

12:50 - 14:40

Thematic Poster: Evolution or revolution in asthma and allergy treatment

Chairs : Petros Bakakos (ATHENS, Greece), Marek Lommatzsch (Rostock, Germany), Chair to be confirmed

Dupilumab improves lung function and reduces severe exacerbations in uncontrolled persistent asthma patients with high and low reversibility

Mario Castro (St. Louis, United States of America), Jorge F. Maspero, Heribert Staudinger, Shyamalie Jayawardena, Jaman Maroni, Paul Rowe, Nikhil Amin, Gianluca Pirozzi, Neil M.H. Graham, Ariel Teper

Novel inhaled delivery of anti-IL-13 mAb (Fab fragment): preclinical efficacy in allergic asthma

Neil Gozzard (Slough, United Kingdom), Daniel Lightwood, Markus Tservistas, Monique Zehentleitner, Kaushik Sarkar, Alison Turner, Bryan Smith, Sabrina Lamour, Tim Bourne, Stevan Shaw, Roger Palframan

Evaluating the efficacy of omalizumab in severe persistent asthma patients

António Miguel Ferrão Silveira (LISBOA, Portugal), António Miguel Ferrão Silveira, Luís Carreto, Cecília Pardal

Safety and Efficacy of Omalizumab in Elderly Patients with Uncontrolled Allergic Asthma.

Yavuz Havlucu (MANİSA, Turkey), Arzu Yorgancioglu

Clinical, inflammatory and functional analysis before, during and after treatment with Omalizumab in patients with difficult to control asthma.

Marianna Ribeiro (SALVADOR/BA, Brazil), Isla Farias, Damille Sandes, Cleriston Queiroz, Tatiana Galvão, Marta Leie, Nereide Pereira, Antonio Carlos Lemos

Novel treatment of eosinophilic bronchitis with allergic fungal sinusitis using mepolizumab

Yuichiro Takeshita (atami, Japan), Seiichi Nobuyama, Tetsuo Satou

Mycosis induced asthma treatment: fluticasone/salmeterol vs. budesonide/formoterol reinforced by montelukast

Iryna Sygaieva (Kyiv, Ukraine)

Budesonid/formoterol easyhaler: clinical efficiency and adherence to treatment in patients with partly controlled bronchial asthma (BA).

Nataliia Slepchenko (Vinnytsya, Ukraine), Andriy Sidorov, Nataliia Tsymbaliuk, Kostiantyn Dmytriiev, Yuriy Mostovoy

Evaluation of inhalant deposition of ICS/LABA in the peripheral airway of asthma patients using Functional Respiratory Imaging (FRI)

Takashi Iwanaga (Osakasayama, Japan), Takenori Kozuka, Junko Nakanishi, Koji Yamada, Osamu Nishiyama, Hiroyuki Sano, Tamamichi Murakami, Yuji Tohda

Asthma control using fluticasone propionate/salmeterol: GOAL study re-analysis using GINA 2016 guidelines

Jean Bousquet (MONTPELLIER, France), Michael Gibbs, Nadeem Gul, Sally Hollis, Xin Zhou, William Busse, Eric D Bateman, Shaoguang Huang

Sublingual allergen specific immunotherapy in children with respiratory allergies – long lasting efficacy

Ivana Filipovic (Sokobanja, Republic of Serbia), Zorica Zovkovic, Djordje Filipovic, Vesna Vekovic, Olivera Ostojic

Sputum IL-1 is reduced with Azithromycin add-on therapy in patients with poorly controlled asthma

Jodie Simpson (New Lambton, Australia), Heather Powell, Kavita Pabreja, Ian Yang, John Upham, Paul Reynolds, Sandra Hodge, Alan James, Christine Jenkins, Matthew Peters, Guy Marks, Peter Gibson, Melissa Baraket

Is antibiotic treatment during asthma exacerbation necessary ?

Sarrah Maazaoui (Tunis, Tunisia), Bisma Hamdi, Khoulood Abdelmoulah, Alaa Akkad, Baraa Bdira, Jamel Ammar, Anissa Berraies, Agnes Hamzaoui

Factors influencing medication adherence amongst difficult-to-treat asthma patients

Qi Cao (Singapore, Singapore), Mariko Siyue Koh, Anthony CA Yui, Adrian KW Chan, Thun How Ong, Su Ying Low, Keng Leong Tan, Yu Heng Kwan, Xiaohui Xin, Rehena Sultana, Jin Liu, Devanand Anantham

Efficacy and safety of sequential three-step empirical therapy for chronic cough: a multi-center clinical study

Li Yu (Shanghai, China), Xianghuai Xu, Qiang Chen, Siwei Liang, Cuiqin Shi, Hanjing Lv, Zhongmin Qiu

Comparative study enters the educational level of the asthmatic patients and his impact on the control of asthma

Khouchilia Fatimazahra (casablanca, Morocco), Wiam Elkhatabi, Hasna Jabri, Hicham Afif

Severe ketorolac-induced asthma diagnosed by chest CT

V Fernandes (Maceira LRA, Portugal), F S. Regateiro, J P. Baptista, T M. Alfaro

Study of Efficacy of Sublingual Immunotherapy in Cases Asthma & Allergic Rhinitis in India

Dr Naren Pandey (KOLKATA (WEST BENGAL), India), BIBHORE SENGUPTA, SANKAR SAHA

Allergen specific immunotherapy efficacy in children with pollen-food allergy syndrome and different IgE profiles to recombinant component-resolved allergens.

Oksana Ereshko (Moscow, Russian Federation), Leyla Namazova-Baranova, Elena Vishneva, Svetlana Makarova, Marina Snovskaya, Julia Levina, Kamilla Efendieva, Anna Alekseeva

Real-world study to evaluate the safety and effectiveness of fluticasone propionate/formoterol (FP/FORM) in patients with asthma

Vibeke Backer (Copenhagen, Denmark), Carla Bennett, Sabine Mersmann, Arthur Meiners, Tim Overend

12:50 - 14:40

Thematic Poster: Many faces of asthma and allergies

Chairs : Ioana Agache (BRASOV/BRASOV, Romania), Chair to be confirmed

Thunderstorm asthma in Melbourne, Australia: Single centre patient outcomes and clinical review

Joy Lee (Mont Albert North, Australia), Caroline Kronborg, Mark Hew

Understanding the physical and psychological impact of living with uncontrolled moderate-severe asthma via patient led video ethnography

Victoria Allan, Eleanor Biggs, Victoria Guyatt, Hannah Mills

IgE sensitization to *Aspergillus fumigatus* among children in allergological centre of Saratov

Natalia Astafieva (Saratov, Saratov Oblast, Russian Federation), Inna Gamova, Irina Perfilova, Ekaterina Udovichenko, Lubov Skutchava, Irina Michailova

Any correlation between the results of skin-prick test and the severity of asthma?

Stefano Pizzimenti (TORINO, Italy), Pavilio Piccioni, Massimiliano Bugiani, Aurelia Carosso, Giulia Trucco, Roberta Tassinari, Giulia Squillacioti, Angelo Guido Corsico, Giuseppe Verlato, Roberto Bono

Characteristics of eosinophilic severe asthmatics in the Wessex Severe Asthma Cohort (WSAC)

Thomas Jones (Portsmouth, United Kingdom), Thomas Brown, Scott Elliott, Hitasha Rupani, Anoop Chauhan, Clair Barber, Kerry Gove, Laurie Lau, Peter Howarth

Upper airway disorders in patients with upper airway cough syndrome.

Olga Truba (Warszawa, Poland), Marta Dąbrowska, Elżbieta Grabczak, Magdalena Arcimowicz, Aleksandra Rybka, Marta Rybka, Rafał Krenke

Investigating asthma comorbidities: a systematic scoping review

Karim El Ferkh (Edinburgh, United Kingdom), Eleftheria Vasileiou, Bright I. Nwaru, Chris Griffiths, Aziz Sheikh, Chris Weir

Clinical effect of allergic rhinitis in adult bronchiectasis

Elif Yelda Ozgun Niksarlioglu (ISTANBUL, Turkey), Sacide Rana Isik, Mustafa Demirturk, Mehmet Atilla Uysal, Derya Unal, Gungor Camsari

Study to determine reference ranges for specific serum IgG against antigens implicated in hypersensitivity pneumonitis in Singapore

Yi Hern Tan (Singapore, Singapore), Su Ying Low, Chian Min Loo, Cecilia Cheng Lai Ngan, Shan Wei Huang

Impact of air pollution on bronchial asthma

Jaiying Luo (Guangzhou, China), ZhaoYong Zhang, JiaJun Guo, Hao Yu, XuFei Wang, SongQuan Long

The creation and long-term follow-up of a cohort of asthmatic patients. Baseline clinical characteristics of the study population: The MEGA Project:

M^a Jesus Cruz Carmona (BARCELONA, Spain), Xavier Munoz, Ebymar Arismendi, Pilar Barranco, Blanca Cárdena-Olombada, M^a Jesus Cruz Carmona, Victoria del Pozo, María del Mar Fernández-Nieto, Francisco-Javier González-Barcala, Juan-Alberto Luna, José-María Olaguibel, Cesar Picado, Vicente Plaza, Santiago Quirce, Joaquín Sastre, Lorena Soto, Silvia Uriarte, Antonio Valero, María del Carmen Vennera

Atopic Sensitisation of the Isle of Wight Birth Cohort at 26 Years

Claire Hodgekiss (Chichester, United Kingdom), Hasan Arshad, Graham Roberts, John Holloway, Elinor Jenkins, Ramesh Kurukulaaratchy

Annual decline in forced expiratory volume and airways inflammatory cells, mediators in general population based sample.

Natalia Kononova (Lørenskog, Norway), Vidar Soyseth, Gunnar Einvik, Liv Ingunn Bjornar Sikkeland, Faiza Mahmood

Asthma symptoms, SABA use, and lung function before and after a moderate or severe exacerbation

Ida Smith (Hørsholm, Denmark), Victoria Cardona, Hanne Villesen, Christian Ljørring, Dorte Rehm, Johann Christian Virchow

A cross-sectional observational study on allergen sIgE positivity among allergic patients in a southeast coastal versus a southwest inland region of China.

Wenting Luo (Guangzhou, China), Baoqing Sun, Zehong Wu

Relationships between upper airway diseases and lower airway obstruction in the adult Korean general adult population

Ha-Kyeong Won (Seoul, Republic of Korea), Ji-Won Lee, Sung-Yoon Kang, Jung-Hyun Kim, Min-Hye Kim, Woo-Jung Song, Sae-Hoon Kim, Heung-Woo Park, Yoon-Seok Chang, Sang-Heon Cho, Kyoung-Hee Sohn, So-Hee Lee

Risk factors for severe exacerbations in a real-life population of adults with severe refractory asthma

Rekha Chaudhuri (GLASGOW, United Kingdom), Liam G Heaney, Nicola Gallagher, Christopher E Brightling, Andrew N Menzies-Gow, Adel H Mansur, Robert Niven, Douglas C Cowan, Wai-ting N Lee, Charles McSharry, Malcolm Shepherd, Christopher C Patterson, Neil C Thomson

Zoonotic exposure to helminths is associated with allergic sensitization in a Norwegian population

Nils Oskar Jogi (Tallinn, Estonia), Silver Peeter Siiak, Erin Logan, Vivi Schlunssen, Cecilie Svanes, John W. Holloway, Randi J. Bertelsen, William Horsnell

Clinical characteristics and outcome of patients with allergic bronchopulmonary aspergillosis

Imran Khan (KARACHI, Pakistan), Kashif Aziz, Muhammad Irfan, Nousheen Iqbal

Attention to ACOS in patients with asthma and COPD: Results from a national- multicentered study

Elif en (ANKARA, Turkey), Gülfem Elif Çelik, Ömür Aydın, Tunçalp Demir, Bilun Gemicio lu, Esen K yan, Dil ad Mungan, K v lc m O uzülgen, Mehmet Polatlı , Özlem Göksel, Abdullah Say ner, Nurhayat Y ld r m, Füsün Y ld z, Arzu Yorganc o lu, Atilla Elhan, Öznur Y ld z, İknur Ba yi it, ermin Börekçi, Yavuz Havlucu, Gülfer Okumu , Murat Türk, Sevgi Saryal

12:50 - 14:40

Thematic Poster: New insights into paediatric respiratory infections**Chairs :** Mark Everard (Perth, WA, Australia), Laura Petrarca (ROMA, RM, Italy), Chair to be confirmed**Acinetobacter baumannii and Stenotrophomonas maltophilia are associated with lower airway infections in tracheostomised children and young adults.**

Joerg Grosse-Onnebrink (Münster, Germany), Heymut Omran, Johanna Rudloff, Claudius Werner

The efficacy of antiviral therapy of acute respiratory infections in paediatric practice

Andrey Zaplatnikov (Moscow, Russian Federation), Elena Kondiurina, Mark Zak, Irina Tyuleneva, Tatiana Elkina, Elena Burtseva, Svetlana Trushakova, Vera Zelenskaya

A case of ICF 2 syndrome with recurrent respiratory infections and bronchiectasis

Sarehsadat Ebrahimi (Tehran, Islamic Republic of Iran), Asghar Aghamohammadi, Nima Parvaneh, Javad Tafarogji, Ahmad Vosughi Motlagh, Mitra Tafakori Delbari, Azam Mohsenzadeh

Mycoplasma and Chlamydia infection related cough and bronchial responsiveness in children

Sun Hee Choi (Seoul, Republic of Korea), Jee Hong Yoo, Kyung Suk Lee, Yeong Ho Rha

Antimicrobial susceptibility patterns of the most important respiratory pathogens

Gorica Popova (Skopje, FYROM (Macedonia)), Trajanka Ilievska, Katerina Boskovska

12:50 - 14:40

Thematic Poster: Insight into the childhood asthma and paediatric pulmonology**Chairs :** Franca Rusconi (Firenze, Italy), Anne Kotaniemi-Syrjänen (Vantaa, Finland), Chair to be confirmed**Neonatal antibiotic treatment increases the risk of asthma at age 12 years**

Frida Strömberg Celind (Öjersjö, Sweden), Frida Strömberg Celind, Emma Goksör, Bernt Alm, Styliana Vasileiadou, Per Möllborg, Rolf Pettersson, Laslo Erdes, Nils Åberg, Göran Wennergren

Is severe infantile bronchiolitis associated with severe childhood asthma? A whole population linkage study

Stephen Turner (Aberdeen, United Kingdom), Lydiya Thomas

Epidemiologic analysis of viruses and atypical bacteria in hospitalized children with acute respiratory tract infections admitted to a children's hospital

Hailin Zhang (WENZHOU, China), Xiaofang Chen, Fangfang Lv, Peipei Zhong, Li Liu

Respiratory and allergic symptoms in early life : The ELFE cohort

Souheil Hallit (biakout, Lebanon), Jacques De Blic, Christophe Marguet, Emeline Scherer, Gabriel Reboux, Marie Christine Delmas, Benedicte Leynaert, Steffi Rocchi, Laurence Millon, Marie-Noelle Dufourg, Corinne Bois, MA Charles, Chantal Raheison

Impact of environmental exposure on respiratory tract in school children.

Stefano Levra (Corio, Italy), Valeria Bellisario, Roberta Tassinari, Laura Maugeri, Massimiliano Bugiani, Alessandro Gobbi, Pavilio Piccioni, Carlo Gulotta, Roberto Bono

Homozygosity for the FCER2 gene is associated with an increased use of leukotriene receptor antagonists

Patricia Soares (Brighton, United Kingdom), Katy Fidler, Roger Tavendale, Stephen Bremner, Colin N.A. Palmer, Somnath Mukhopadhyay

The Swiss Paediatric Airway Cohort - embedding research in clinical routine

Eva Sophie Lunde Pedersen (Bern, Switzerland), Myrofora Goutaki, Carmen de Jong, Juerg Barben, Carmen Casaulta, Urs Frey, Alexander Moeller, Nicolas Regamey, Florian Singer, Philipp Latzin, Claudia E. Kuehni

Why despite the lower prevalence, asthma is more severe in the Brazilian semiarid region?

Marco Aurelio Junior, Emilia Costa, Silvia Sarainho, Murilo Frazão, José Rizzo, Emanuel Sarinho, Flávio Andrade

Obesity in pediatric asthma: prevalence and impact on severity

Andrey Kamaev (ST PETERSBURG, Russian Federation), Olga Trusova, Irina Makarova, Dmitry Korostotsev

Peak cough flow in childhood: reference values and correlation with clinical parameters in Greek children

Maria Gogou (Katerini, Greece), Andreas Giannopoulos, Maria Eboriadou, Maria Hatzistylianou, Katerina Haidopoulou

Feasibility of measuring lung function with the forced oscillation technique in an epidemiological study.

Stefano Levra (Corio, Italy), Carlo Gulotta, Pavilio Piccioni, Massimiliano Bugiani, Stefano Pizzimenti

Influence of early growth on childhood lung function assessed by magnetic resolution imaging and spirometry. The Generation R Study.

Giuseppe Fabio Parisi (Catania, Italy), Herman T. den Dekker*, Evelien R. van Meel, Pierluigi Ciet, Mariette P. Kemmer-van de Corput, Irwin K. Reiss, Vincent W.V. Jaddoe, Johan C. de Jongste, Harm A.W.M. Tiddens, Liesbeth Duijts

Monitoring of pulmonary health in Swiss childhood cancer survivors

Rahel Kasteler (Bern, Switzerland), Linda Kam, Grit Sommer, Marc Ansari, Johannes Rischewski, Claudia Kuehni, Annette Weiss

Cystic adenomatoid pulmonary malformation in adults: A retrospective study.

Joana Filipa Clemente Duarte (Entroncamento, Portugal), Pedro Gonalo Ferreira, Tiago M Alfaro, Lina Carvalho, Ant3nio Jorge Ferreira

An age stratified longitudinal study of primary spontaneous pneumothorax

PEIYEH CHANG (Taipei, Taiwan), Yuan Huei Huang, Kin Sun Wong, Chee Jen Chang, Jin Yao Lai, Jeng Chang Chen

Epidemiology and outcomes of paediatric primary spontaneous pneumothorax in Singapore

Zhi Min Yap (Singapore, Singapore), Mahesh Babu Ramamurthy, Daniel Yam Thiam Goh, Michael Teik Chung Lim

Utility of open surgical lung biopsy in children

Aditi Sinha (Manchester, United Kingdom), Omendra Narayan, Edmund Cheesman

12:50 - 14:40

Thematic Poster: Paediatric bronchology in clinical practice

Chairs : Uros Krivec (Ljubljana, Slovenia), Dirk Schramm (DUSSELDORF, Germany), Michele Ghezzi (Verona, VR, Italy)

Clinical outcome at 1 year of age for congenital diaphragmatic hernia in the era of fetal intervention.

Marijke Proesmans (LEUVEN, Belgium), Eva Van Ginderdeuren, Karel Allegaert, Herbert Decaluwe, Jan Deprest, Anne Debeer

Health Related Quality of Life in children with Paediatric Central Airway Obstructive Disease (PCAO) assessed by PACQLQ and TAPQOL questionnaires

Antonio Martinez-Gimeno (TOLEDO, Spain), Carolina Diaz-Garcia, Carmen Luna-Paredes, Juan Luis Anton-Pacheco Sanchez

Primary ciliary dyskinesia and mild cystic fibrosis: lung structure and function similarities.

Virginia Mirra (NAPOLI, NA, Italy), Marco Maglione, Silvia Montella, Francesca Santamaria, Carmine Mollica, Vincenzo Carnovale, Paola Iacotucci, Fabiola De Gregorio, Antonella Tosco, Mariarosaria Cervasio, Valeria Raia

Postoperative respiratory problems in children with esophageal atresia and tracheoesophageal fistula

G3ken Dilsa Tugcu (ANKARA, Turkey), Tutku Soyer, Sanem elik, Mina H al, Nagehan Emiralioglu, Ebru Yal n, Deniz Ersoz, Nural Kiper, U ur Ozcelik

A rare cause of stridor in children: Acquired subglottic stenosis

Tuba Kockar (STANBUL, Turkey), Sedat Oktem

Pulmonary atelectasis in childhood: Difficulties from diagnosis to treatment

Ayse Tana Aslan (ANKARA, Turkey), Tugba Sismanlar Eyuboglu, Betul Emine Derinkuyu, Oznur Leman Boyunaga Konus

What triggered massive hemoptysis in Goodpasture syndrome with isolated pulmonary involvement in a 14-year-old boy?

Ayse Tana Aslan (ANKARA, Turkey), Tugba Sismanlar Eyuboglu, Deniz Gezgin Y ld r m, Necla Buyan, Serhat Emeksiz, Gokhan Kalkan

The prevalence of lower airway anomalies in children with Down syndrome.

Kim Van Hoorenbeeck (Edegem (Antwerp), Belgium), Stijn Verhulst, Lieve Boel, Marek Wojciechowski, An Boudewyns

Paediatric rigid bronchoscopy: beyond foreign body removal

António Miguel Ferrão Silveira (LISBOA, Portugal), Ana Carolina Castro de Sousa, Carla Simão, José Pedro Boléo-Tomé, Rui Costa, Fernando Rodrigues

ABCA3 deficiency in a newborn with respiratory failure

MARÍA DEL CARMEN LÓPEZ (MÁLAGA, Spain), MARÍA DEL CARMEN LÓPEZ, ESTELA PÉREZ RUIZ, ANTONIO MORENO GALDO, ALBA TORRENT-VERNETTA, MARÍA DEU, JOAN BALCELLS RAMÍREZ, MARÍA ADELA RODRÍGUEZ VIVES, PILAR CARO AGUILERA, FRANCISCO JAVIER PÉREZ FRÍAS

Role of chest ultrasound in diagnosis of acute chest disorders in children.

Ahmed Kabil (Mansoura, Egypt), Sherif Kamal, Ehab Sorour, Abd EL Salam Mohammed

Airway abnormalities in children with congenital heart disease

Uros Krivec (Ljubljana, Slovenia), Marina Praprotnik, Malena Aldeco, Dusanka Lepej, Ana Kotnik Pirs, Aleksandra Zver, Jana Lozar Krivec, Tomaz Podnar, Jelena Berger, Matevz Srpčic

Respiratory physiotherapy as an integral part of Pediatric Bronchopneumology' service care: a report of Meyer Children Hospital 2014-2016 casuistry.

Beatrice Ferrari (FIRENZE, Italy), Chiara Castellani, Valentina Conte, Riccardo Guarise, Diletta Innocenti, Matteo Masolini, Sergio Zuffo

Flexible bronchoscopy assistance for tracheal intubation in children with difficult airway

Uros Krivec (Ljubljana, Slovenia), Spela Stupnik, Matevz Srpčic

Hypofertility in adult patients with primary ciliary dyskinesia

Bernard Maitre (Créteil Cedex, France), Gert Jan VANAKEN, Laurence BASSINET, Mieke BOON, Rahma MANI, Isabelle HONORE, Jean Francois PAPON, Harry CUPPENS, Martine JASPERS, André COSTE, Estelle ESCUDIER, Serge AMSELEM, Marie LEGENDRE, Sophie CHRISTIN MAITRE

What may stand behind barking cough: a case report

Michele Ghezzi (Verona, VR, Italy), Ahmad Kantar, Lucia Migliazza, Giulia Giannotti, Maurizio Cheli

Bacterial colonisation in children with non-cystic fibrosis bronchiectasis: a retrospective longitudinal study

Ines Azevedo (PORTO, Portugal), Rita Pereira, Catarina Ferraz, Manuel Ferreira-Magalhães

Induced pluripotent stem cell derived macrophages differentiate into AM like cells in the lungs of humanized PAP mice

Christine Happle (HANNOVER, Germany), Nico Lachmann, Mania Ackermann, Martin Wetzke, Anja Mirenska, Adele Mucci, Thorsten Glomb, Dittrich-Breiholz Oliver, Thomas Moritz, Gesine Hansen

Reliability and validity of TAPQOL questionnaire for the assessment of global health related quality of life (HRQL) in children with Paediatric Central Airway Obstructive Disease (PCAOD)

Antonio Martinez-Gimeno (TOLEDO, Spain), Carolina Diaz-Garcia, Carmen Luna-Paredes, Juan Luis Anton-Pacheco-Sanchez

12:50 - 14:40

Thematic Poster: Postnatal lung growth and development

Chairs : Silvia Carraro (Padova, PD, Italy), Anne M. van der Does (Leiden, Netherlands), Tiziana Patrizia Cremona (Bern, Switzerland), Chair to be confirmed

Effects of mild prenatal smoke exposure on T cell development in murine offspring

Barbara Hammer (Borstel, Germany), Sebastian Reuter, Sabine Bartel, Susanne Krauss-Etschmann

Fiublin-1c plays critical roles in lung remodelling in idiopathic pulmonary fibrosis.

Philip Hansbro (Callaghan, Australia), Gang Liu, Marrion Cooley, Andrew Jarnicki, Prema Nair, Alan Hsu, Gavin Tjin, Tatt Jhong Haw, Bernadette Jones, Celeste Harrison, Jay Horvat, Darryl Knight, William Argraves, Brian Oliver, Janette Burgess

Vitronectin plays critical roles in lung remodelling in COPD.

Philip Hansbro (Callaghan, Australia), Gang Liu, Alan Hsu, Prema Nair, Tatt Jhong Haw, Sarah Capistrano, Stelios Pavlidis, Gough Au, Janette Burgess, Darryl Knight, Ian Adcock, Brian Oliver, Peter Wark

Attenuated airway hyperresponsiveness and mucus secretion in HDM exposed Igf1r-deficient mice

Jose G. Pichel (Logroño, Spain), Sergio Pineiro-Hermida, Icíar P. Lopez, Elvira Alfaro-Arnedo, Raquel Torrens, Joshua A. Gregory, Mikael Adner, Carlos Ruiz-Martinez

Exposure to diesel particulate matter enhances the rhinovirus load in primary nasal epithelial cells
Loretta Mueller (Basel, Switzerland), Jakob Usemann, Philipp Latzin

Role of adypokins in pathogenesis of chronic obstructive pulmonary disease depending on nutritional status
Ganna Stupnytska (Chernivtsi, Ukraine), Anastasya Stupnytska, Olga Pritulyak, Artem Malykhin

P16 in bronchopulmonary dysplasia: Early determinant of respiratory disease?
Maeva Zysman (Vincennes, France), Laure-Aléa Essari, Marie-Laure Franco-Montoya, Shamila Vibhushan, Philippe Caramelle, Christophe Delacourt, Francois Chabot, Ralph Epaud, Sophie Lanone, Jorge Boczkowski, Laurent Boyer

Structure and function of the newborn mouse versus human infant lung.
David Warburton (Los Angeles, United States of America)

Postnatal development of pulmonary acini in rats
Tiziana Patrizia Cremona (Bern, Switzerland), Sebastien Barrè, Eveline Yao, David Haberthür, Marco Stampanoni, Johannes Schittny

Visualization and quantitative analysis of the alveolar capillary network – Implications for lung developmental biology
Christian Mühlfeld (Hannover, Germany), Christian Mühlfeld, Roman Grothausmann, Matthias Ochs

Lung decellularization by trachea increase resistance in compared to decellularization by pulmonary artery.
Jessica Julioti Urbano (São Paulo, Brazil), Renata Palma, Leticia Guimaraes, Luaciana Sampaio, Daniel Navajas, Ramon Farre, Luis Vicente Oliveira

Stereological analysis of single lung lobes in newborn mice exposed to hyperoxia
Tuong-Van Hoang (Bad Nauheim, Germany), Claudio Nardiello, David E. Surate Solaligue, Alberto Rodríguez-Castillo, Werner Seeger, Rory E. Morty

Late lung development in mice, a careful assessing by cutting-edge stereology
David Surate Solaligue (Bad Nauheim, Germany), Agnieszka Pozarska, Alberto Rodríguez-Castillo, Aglaia Ntokou, Werner Seeger, Rory Morty

13:00 - 14:00

Meet the expert: ME10 Pleuroparenchymal fibroelastosis: what have we learned from lung transplantation?

Aims : To describe this entity clearly, including its aetiologies, clinical presentations, outcomes, and treatment options.

Tag(s) : Clinical

Target audience : Pulmonologist, Radiologist, Thoracic surgeon

Chairs : Peter George (London, United Kingdom)

13:00 Pleuroparenchymal fibroelastosis: what have we learned from lung transplantation?
Geert Verleden (Leuven, Belgium)

13:00 - 14:00

Meet the expert: ME9 Boosting immunotherapy in lung cancer What are the latest strategies to overcome immune tolerance?

Aims : Immunotherapy has already developed to a new life-prolonging therapeutic backbone in advanced non-small cell lung cancer with significantly life-prolonging checkpoint-inhibitors available not only for second line but also first line therapy in routine care. The aim of this session is to provide a most current and comprehensive update as well as a future perspective on the advanced use of established and new immunotherapeutic drugs in lung cancer. The emphasis is on the combination of immunotherapeutic drugs with present treatment modalities such as other systemic therapies or radiotherapy since these seem to bear the potential to booster immunotherapy.

Track(s) : Lung cancer

Tag(s) : Clinical

Target audience : Clinician, General practitioner, Immunologist, Junior member, Nurse, Oncologist, Pathologist, Patient, Pharmaceutical industry representative, Physiotherapist, Pulmonologist, Radiologist, Researcher, Resident, Respiratory physician, Scientist, Student, Thoracic endoscopist, Thoracic surgeon, Trainee

Chairs : Chair to be confirmed

13:00 Boosting immunotherapy in lung cancer
Jacques Cadranet (Paris, France)

13:00 - 14:00

Meet the expert: ME11 Bedside diaphragm ultrasound in acute or chronic respiratory failure
Diaphragm ultrasound**Aims :** To provide the basic knowledge needed to perform and interpret diaphragm ultrasound results in patients with acute or chronic respiratory failure.**Track(s) :** Acute and chronic respiratory failure/sleep Exercise, rehabilitation and physiology**Tag(s) :** Clinical**Target audience :** Allied health professional, Anaesthesiologist, Cardiologist, Clinician, Emergency medicine doctor, Fellow, Intensivist/critical care physician, Junior member, Paediatrician, Physiologist, Physiotherapist, Pulmonologist, Radiologist, Researcher, Resident, Respiratory physician, Respiratory therapist, Scientist, Sleep specialist/technologist, Trainee**Chairs :** Bruno-Pierre Dube (Montréal, QC, Canada)**13:00** **Bedside diaphragm ultrasound in acute or chronic respiratory failure**
Pieter Roel Tuinman (Amsterdam, Netherlands)

13:00 - 14:00

Meet the expert: ME12 Comorbidities in lung cancer progression**Aims :** The aim of this session is to demonstrate the importance of lung cancer comorbidities, including interstitial lung diseases, chronic obstructive pulmonary disease, and previous or other malignancies. How these various comorbidities affect lung cancer progression and how medications for these other illnesses impact the care of lung cancer patients will be examined.**Track(s) :** Lung cancer**Tag(s) :** Clinical**Target audience :** Allied health professional, Anaesthesiologist, Clinician, Fellow, General practitioner, Junior member, Nurse, Oncologist, Pathologist, Pharmaceutical industry representative, Pulmonologist, Radiologist, Researcher, Resident, Respiratory physician, Scientist, Student, Thoracic endoscopist, Thoracic surgeon**Chairs :** Chair to be confirmed**13:00** **Comorbidities in lung cancer progression**
Philipp A. Schnabel (Homburg/Saar, Germany), Nicolas Kahn (Heidelberg, Germany)

13:00 - 14:30

Lunchtime session: ERS/The Lancet/Lancet Respiratory Medicine joint lunchtime session: "COPD: latest insights into the management of patients"**Aims :** The aim of the session is to learn about the latest treatments, clinical developments, and cutting edge research in the area of COPD management and treatment.**Tag(s) :** Clinical**Target audience :** Clinician, Pulmonologist, Public health official, Scientist**Chairs :** Marina Saetta (Padova, PD, Italy), Ulrich Costabel (ESSEN, Germany)**13:00** **Risk biomarkers in COPD: a focus on eosinophils**
Mona Bafadhel (Oxford, United Kingdom)**13:22** **What does endotyping mean for treatment?**
Alvar Agusti Garcia-Navarro (Barcelona, Spain)**13:45** **Management of troublesome symptoms and palliative care of patients with COPD**
Irene Higginson (London, United Kingdom)**14:07** **Frequency of exacerbations in patients with COPD: an analysis of the SPIROMICS cohort**
Meilan Han (Ann Arbor, United States of America)

13:00 - 14:30

Lunchtime session: Hypersensitivity pneumonitis: current concepts and perspectives in diagnosis, pathogenesis and management

Aims : 1. Increase awareness of hypersensitivity pneumonitis(HP) in patients with new onset interstitial lung disease(ILD) or in newly detected ILD
2. Prompt early diagnosis and treatment intervention for HP
3. Provoke much needed clinical studies /clinical trials to treat patients with fibrotic stages of HP
4. Provoke major respiratory societies such as the ERS and ATS to sponsor development of the much needed clinical practice guidelines for diagnosis and management of HP

Tag(s) : Clinical

Target audience : Clinician, Epidemiologist

Chairs : Ferran Morell Brotad (BARCELONA, Spain), Kevin Brown (Denver, United States of America)

13:00	Introduction Ferran Morell Brotad (BARCELONA, Spain)
13:05	Hypersensitivity pneumonitis (HP): diagnostic approach and classification - new perspectives Ganesh Raghu (Seattle, United States of America)
13:30	Pathology of hypersensitivity pneumonitis (HP) Jeffrey L. Myers (Ann Arbor, United States of America)
13:50	Pathogenesis of hypersensitivity pneumonitis (HP) - current concepts Martina Vasakova (Prague, Czech Republic)
14:10	Treatment of hypersensitivity pneumonitis (HP) - targeting pathways of inflammation and fibrosis Toby Maher (St. Albans, Hertfordshire, United Kingdom)

13:00 - 13:40

Session: Early career session - Awards & Grants

All information on how to get funding through awards and grants

Aims : To provide early career scientists with key information on awards and grants and 2017 Gold Medals awardees testimonials.

Chairs : Rory Morty (Bad Nauheim, Germany)

ERS Gold Medal in COPD

Meilan Han (Ann Arbor, United States of America)

ERS Gold Medal in IPF

Speaker to be confirmed

13:45 - 15:25

Session: Early Career Members session

Peeves and pitfalls of your scientific career

Aims : For early career scientists wishing to develop their competencies and playing an active role in the society

Chairs : Lieuwe Bos (Amsterdam, Netherlands)

13:45	Getting independent: what challenges should I expect? Bianca Schaub (Germering, Germany)
14:05	Making the most out of your participation in conferences Melanie Koenigshoff (Denver, United States of America)
14:25	Why your "CV of failures" is always longer than your regular one - and why you should keep trying Stephen T. Holgate (Southampton, United Kingdom)
14:55	ERS Early Career Member Committee: how we can support you! Lieuwe Bos (Amsterdam, Netherlands)
15:15	Panel discussion with all speakers Lieuwe Bos (Amsterdam, Netherlands)

14:30 - 16:00

Professional development workshop: PDW8 Delivering bad news as a multidisciplinary team

Aims : The aims of this workshop are (1) to train caretakers to deliver bad news while paying sufficient attention to the following issues: gathering adequate information from the patient, providing the necessary medical information as well as supporting the patient, and collaborating with the patient to develop a strategy or treatment plan for the future; and (2) to describe the value of multidisciplinary team interactions when delivering bad news.

Target audience : Pulmonologist, Nurse, Respiratory therapist, Psychologist, Thoracic surgeon, Emergency medicine doctor, Respiratory physician, General practitioner, Intensivist/critical care physician, Otolaryngologist, Trainee

Chairs : Stefano Nava (Bologna, Italy)

Introduction

Stefano Nava (Bologna, Italy)

Brief repetition of teaching material (SPIKES-protocol, core elements of good communication) within the five groups

Bettina Korn (Dublin, Ireland)

Analyses of a pre-recorded video depicting a doctor delivering bad news to a patient within the five groups

Dragana M. Jovanovi (Belgrade, Republic of Serbia)

Four own role plays within the five groups together with patients and/or amateur actors that will be video-taped

Georgia Hardavella (London, United Kingdom), Speaker to be confirmed

Feedback and summary within the five groups

Stefano Nava (Bologna, Italy)

14:30 - 16:50

Skills workshop: SW17 Clinical, radiological and pathological correlations in lung diseases

Aims : To demonstrate and discuss the clinical, radiological and pathological correlations in different lung diseases (lung emphysema, interstitial fibrosis and lung cancer) with experienced and less experienced participants.

Track(s) : Lung cancer Chronic airway diseases Interstitial lung disease and vascular disease

Tag(s) : Clinical

Target audience : Anaesthesiologist, Fellow, General practitioner, Junior member, Nurse, Pulmonologist, Radiologist, Researcher, Resident, Respiratory physician, Scientist, Student, Thoracic surgeon, Trainee, Oncologist

Chairs : Bogdan Dragos Grigoriu (Brussels, Belgium)

Introduction

Lung emphysema

James Hogg (Vancouver, BC, Canada)

Interstitial fibrosis

Sara Tomassetti (Forlì, FO, Italy)

Lung cancer

Sebastian Ley (Munich, Germany)

Pathology of lung emphysema, interstitial fibrosis and lung cancer

Giulio Rossi (Modena, Italy)

14:30 - 16:50

Skills workshop: SW18 Difficult airway management in the intensive care unit

Aims : To provide an opportunity to receive hands-on training in managing difficult airways with supraglottic devices, fiberoptic techniques and video-assisted intubation.

Track(s) : Acute and chronic respiratory failure/sleep

Tag(s) : Clinical

Target audience : Clinician, Emergency medicine doctor, Intensivist/critical care physician, Nurse, Pulmonologist, Respiratory physician

Chairs : Mohamed El Tahan (Al Khobar, Saudi Arabia)

Introduction

How to prepare a safe endotracheal intubation

Christian Bruells (Aachen, Germany)

Videolaryngoscopes and nasal/oral fiberoptic guided intubation for elective intubation

Marcelo Gama De Abreu (Dresden, Germany), Laszlo Szegedi (Dilbeek, Belgium)

Devices for lung separation and/or isolation

Nandor Marczin (Harefield, United Kingdom), Cesare Gregoretti (Turin, Italy)

Tracheostomy in the ICU: indications and techniques
Massimiliano Sorbello (Catania, Italy), Mert Senturk (STANBUL, Turkey)

14:45 - 16:45

Symposium: Effects of air pollution on asthma and COPD

Aims : To provide an update on the effects of air pollution on the development and aggravation of asthma and COPD, and to provide insights into the mechanisms that are involved. At the end of this symposium, the audience should know (1) how air pollutant exposure can impact the management of chronic airway disease in clinical practice; (2) the detrimental effects of air pollution on inflammatory processes in the lungs; and (3) which mediators, inflammatory cells, and processes play important roles in mediating the effects of air pollution in lung disease, and how these are affected by interactions between aeroallergens and air pollutants.

Track(s) : Chronic airway diseases

Tag(s) : Smoking prevention and cessation (HLfL)

Target audience : Fellow, Researcher, Respiratory physician, Scientist

Chairs : Tania Maes (Ghent, Belgium), Bo Lundback (Göteborg, Sweden), Chair to be confirmed

14:45 **Patient testimonial**

14:57 **Effect of long-term exposure to air pollution on natural cause mortality**
Bert Brunekreef (Utrecht, Netherlands)

15:24 **Effect of air pollution on severe asthma and COPD**
Kian Fan Chung (London, United Kingdom)

15:51 **Human exposure studies with diesel exhaust and investigates molecular changes in nasal/bronchial lavages, including epigenetic changes**
Christopher Carlsten (Vancouver, BC, Canada)

16:18 **Treatment options for air pollutant-driven airway disease**
Sundeep Santosh Salvi (PUNE (MAHARASHTRA), India)

14:45 - 16:45

Symposium: Lung cancer immunotherapy

Aims : Lung cancer remains a leading cause of cancer deaths. The large group of patients in advanced stages of the disease are deprived of the chance for radical treatment. As a solid tumour with low antigenicity and heterogenic phenotype lung cancer evades host immune defence. The cytotoxic anticancer effect is suppressed by a complex mechanism in tumour microenvironment. These mechanisms of anticancer immune response are an important target to new way of treatment. The aim of session is to present current developments and findings in the mechanisms of cancer escape from immune surveillance and the progress in lung cancer immunotherapy.

Track(s) : Lung cancer

Tag(s) : Basic translational science

Target audience : Clinician, Immunologist, Junior member, Oncologist, Pathologist, Scientist, Thoracic endoscopist, Thoracic surgeon

Chairs : Anne-Marie Dingemans (MAASTRICHT, Netherlands), Jacques Cadranel (Paris, France)

14:45 **New pathways, new targets**
Joachim G.J.V. Aerts (ROTTERDAM, Netherlands)

15:15 **Immunoscoreing**
Joanna Domaga a-Kulawik (Warsaw, Poland)

15:45 **Checkpointinhibition in lung cancer – already standard of care in any line of therapy?**
Achim Rittmeyer (Immenhausen, Germany)

16:15 **Immune-related adverse effects of checkpoint blockers**
Natasha Leighl (Toronto, Canada)

14:45 - 16:45

Symposium: How to manage difficult tuberculosis cases: diagnosis and treatment

Discussing global and national experiences

Aims : WHO guidelines recommend that difficult-to-treat TB cases should be managed by specialised teams that ideally include a wide range of clinical expertise, including experts on adults, adolescents, and children, and experts with clinical, surgical, pharmacological, and laboratory expertise. The session will discuss the current diagnostic approaches and the preliminary results of new diagnostics. The session will also describe current regimens and new drugs for drug-resistant tuberculosis.

Track(s) : Respiratory infections**Tag(s) :** Clinical**Target audience :** Allied health professional, Clinician, Emergency medicine doctor, Fellow, General practitioner, Junior member, Microbiologist, Nurse, Occupational therapist, Paediatrician, Patient, Public health official, Pulmonologist, Radiologist, Researcher, Resident, Respiratory physician, Respiratory therapist, TB specialist, Thoracic endoscopist, Thoracic surgeon, Trainee, Scientist**Chairs :** Giovanni Sotgiu (Porto Torres, Italy), Giovanni Battista Migliori (VARESE, Italy)**14:45** **Molecular and conventional diagnosis of complicated drug-resistant cases**
Stefan Niemann (Borstel, Germany)**15:15** **A fully molecular drug sensitivity pattern for M.tuberculosis complex: what is available today and what is in the pipeline**
David Dolinger (Geneva, Switzerland)**15:45** **The shorter TB regimen and the WHO recommendations regarding MDR-TB**
Dennis Falzon (Geneva, Switzerland)**16:15** **The drug armamentarium for MDR-TB cases**
Luigi Ruffo Codecasa (Milan, Italy)**14:45 - 16:45****Symposium: State of the Art Session: Interstitial Lung Disease and Pulmonary Vascular Diseases****Aims :** This session will highlight the different clinical and pathology features related to IPF and NSIP as well as the current management strategies for pulmonary hypertension. The session will also focus on the key aspects of the current epidemiology and diagnostic approach to pulmonary embolism.**Track(s) :** Interstitial lung disease and vascular disease**Tag(s) :** Clinical**Target audience :** Clinician, Pathologist, Student, Pulmonologist, Radiologist, Fellow, General practitioner, Resident, Researcher, Trainee**Chairs :** Katerina Antoniou (Heraklion, Crete, Greece), Michael Kreuter (Heidelberg, Germany)**14:45** **IPF: a distinct clinical entity?**
Bruno Crestani (Paris, France)**15:15** **Nonspecific interstitial pneumonitis: time to be more specific**
Athol Wells (London, United Kingdom)**15:45** **Pulmonary hypertension**
Nazzareno Galiè (Bologna, BO, Italy)**16:15** **Pulmonary embolism: still often underdiagnosed**
Horst Olschewski (GRAZ, Austria)**14:45 - 16:45****Hot topics: Metabolism in respiratory diseases: time for a rethink****Aims :** The interaction between metabolic dysfunction and respiratory diseases is increasingly recognized and may contribute to poor disease and/or treatment outcome, pathophysiological features. For example, obesity and the presence of metabolic syndrome has a dramatic effect on the severity and drug response of asthmatics. Furthermore, metabolic reprogramming has been found to play a key role in structural cell function in lung and airway fibrosis, in pulmonary vessels in pulmonary hypertension and in regulating the innate immune response to infection. The aim of this session is to describe the metabolic repatterning processes observed in various lung diseases and highlight the potential for therapeutic interventions implicit in these changes with the goal of improving clinical management.**Tag(s) :** Clinical, Basic translational science**Target audience :** Respiratory physician, Resident, Oncologist, Sleep specialist/technologist, Clinician, Fellow, Immunologist, Junior member, Pathologist, Patient, Pulmonologist, Researcher, Scientist, Student, Trainee, Pharmaceutical industry representative**Chairs :** Ian M. Adcock (London, United Kingdom), Maria Bonsignore (Palermo, PA, Italy)**14:45** **Asthma phenotypes: do metabolic pathways hold the key?**
Craig Wheelock (Stockholm, Sweden)**15:15** **Different effects of continuous and intermittent hypoxia in visceral fat: implications for respiratory failure**
David Gozal (Chicago, United States of America)**15:45** **Metabolic reprogramming and the risk of lung cancer**
Speaker to be confirmed

16:15 **Immunometabolism and the land of milk and honey**
Zbigniew Zaslona (Dublin, Ireland)

14:45 - 16:45

Session: Lancet Commission on asthma

Aims : It is over 25 years since the first British asthma guidelines were published, and that asthma was identified as a disease of airway inflammation. However, progress has stalled in the past 10 years, despite increasing investment in treatment. New thinking is needed and the Lancet Commission on the asthmas aims to address three questions. First, where is this disease called “asthma” and why is it such a bad place? Second, where shall we aim to go? And finally, how will we get there, learning from our mistakes. This Commission attempts to liberate this mix of airway diseases from the protective but intellectually destitute umbrella term “asthma” with the aim to progress management to the level that is commonplace in rheumatology.

Target audience : Clinician, Patient, Researcher

Chairs : Sabine Kleinert (London, United Kingdom), Ian Douglas Pavord (Oxford, United Kingdom)

14:45 **Lancet Commission on Asthma 2017: main recommendations**
Ian Douglas Pavord (Oxford, United Kingdom)

15:15 **How do we get there from where we are now? GOLD perspective**
Alvar Agusti Garcia-Navarro (Barcelona, Spain)

15:35 **How do we get there from where we are now? GINA perspective**
Helen Reddel (Sydney, Australia)

15:55 **Towards a cure for asthma**
Andrew Bush (London, United Kingdom)

16:15 **Panel discussion**

14:45 - 16:45

Year in review: Hot and new: the clinical year in review

Aims : For the four different topics the top articles from the last year will be presented and commented

Track(s) : **Chronic airway diseases** **Interstitial lung disease and vascular disease**

Tag(s) : Clinical

Chairs : Momen Wahidi (Durham, United States of America), Daniela Gompelmann (Heidelberg, Germany)

14:45 **Interstitial lung diseases 2017**
Venerino Poletti (Forli, Italy)

15:15 **Interventional Pneumology 2017**
Felix J.F. Herth (Heidelberg, Germany)

15:45 **COPD 2017**
Jadwiga Wedzicha (London, United Kingdom)

16:15 **Asthma 2017**
Elisabeth H.D. Bel (Amsterdam, Netherlands)

14:45 - 16:45

Poster Discussion: Discussion of vaccines, biomarkers and risk factors analysis

Chairs : Stefano Aliberti (Milan, Italy), Antonio R. Anzueto (San Antonio, United States of America)

Changes in pathogens and pneumococcal serotypes causing community-acquired pneumonia in The Netherlands

Stefan Vestjens (Nieuwegein, Netherlands), Gertjan Wagenvoort, Jan Grutters, Bob Meek, Arnoud Aldenkamp, Bart Vlaminckx, Willem Jan Bos, Ger Rijkers, Ewoudt Van De Garde

Genetic Analyses of Multidrug-Resistant Streptococcus pneumoniae Serogroup 19 CC320/271 Clone in China

Jing Zhang (Shanghai, China), Kai Zhou, Yonghong Xiao, Jianying Zhou

Impact of pneumococcal vaccination in children in the distribution of serotypes in bacteriemic pneumococcal pneumonia in adults

AMAIA ARTARAZ (Galdakao, Spain), ANE URANGA, PEDRO PABLO ESPAÑA, ALBERTO CAPELASTEGUI, RAFAEL ZALACAIN, LUIS ALBERTO RUIZ, LEIRE SERRANO, AMAIA BILBAO

Efficiency of specific prevention of pneumococcal infection at patients from risk groups in Krasnoyarsk region

Angelina Kraposhina (Krasnoyarsk, Russian Federation), Irina Demko, Egor Korchagin, Natalia Gordeeva, Irina Soloveva, Ivan Artyukhov, Marina Mamaeva, Elena Sobko, Svelana Chubarova

Effectiveness data on prevention of COPD exacerbations with 13-valent pneumococcal conjugate vaccine (PCV13)

Miguel Angel Hernandez (ALDEATEJADA, Spain), Alexis Morales Boscan, Vanesa Hidalgo Sierra, Marco López Zubizarreta, Rosa Cordovilla Pérez, Soraya Jodra Sánchez, Miguel Barrueco Ferrero

Pneumococcal vaccination in interstitial lung disease patients receiving systemic immunosuppressive treatment

Koji Kuronuma (Sapporo, Japan), Hiroyuki Honda, Tessei Mikami, Yuichiro Asai, Youhei Takahashi, Tomofumi Kobayashi, Atsushi Saito, Kimiyuki Ikeda, Hirotaka Nishikiori, Mamoru Takahashi, Mitsuo Otsuka, Hirofumi Chiba, Gen Yamada, Hiroki Takahashi, Toyotaka Sato

Efficacy of vaccination to prevent pneumococcal infection in organized communities

Igor Shubin (Moscow, Russian Federation)

Effectiveness of the 23-valent pneumococcal polysaccharide vaccine for the patients with lung comorbidities; a single center, retrospective, self-controlled case series study

Masahiro Aoshima (Kamogawa, Japan), Kei Nakashima, Satoko Ohfuji

A randomized, open-label, parallel design study to compare the immunogenicity of simultaneous administration versus sequential administration of quadrivalent influenza vaccine and 23-valent pneumococcal polysaccharide vaccine in the elderly

Kei Nakashima (Kamogawa, Japan), Masahiro Aoshima, Satoko Ohfuji, Satoshi Yamawaki, Masahiro Nemoto, Shinya Hasegawa, Satoshi Noma, Masafumi Misawa, Naoto Hosokawa, Makito Yaegashi, Yoshihito Otsuka

Negative impacts of consecutive annual influenza vaccination on the vaccine effectiveness against medically attended influenza A and B among school children in Japan

Nobuo Saito (Nagasaki, Japan), Kazuo Komori, Takayuki Kishikawa, Takahiro Yasaka, Motoi Suzuki, Kounosuke Morimoto, Koya Ariyoshi

Osteopontin role in community-Acquired Pneumonia (CAP).

Ragia Samir Sharshar (Tanta, Egypt), ibrahim ibrahim, ahmed mohamed

Association between biomarkers at discharge and risk of readmission after community-acquired pneumonia – a retrospective cohort study

Pelle Trier Petersen (København, Denmark), Gertrud Baunbæk Egelund, Andreas Vestergaard Jensen, Stine Bang Andersen, Merete Frejstrup Pedersen, Pernille Ravn

Interpretation of biomarkers at emergency department depends on onset of symptoms in community-acquired pneumonia

Raúl Méndez (VALENCIA, Spain), Raúl Méndez, Rosario Menéndez, Isabel Amara-Elori, Alba Piró, Catia Cilloniz, Adrián Ceccato, Antoni Torres

Diagnosis on community-acquired pneumonia (CAP) in patients with congestive heart failure (CHF)

Sergey Avdeev (MOSCOW, Russian Federation), Andrey Bobylev, Svetlana Rachina, Vladimir Mladov

Intrahospital cardiovascular complications in severe community-acquired pneumonia

Aykut Cilli (Antalya, Turkey), Ozlem Cakin, Emine Aksoy, Feyza Kargin, Nalan Adiguzel, Zuhul Karakurt, Begum Ergan, Seda Mersin, Selen Bozkurt, Fatma Ciftci, Atilla Ramazanoglu

NON BACTERIEMIC PNEUMOCOCCAL PNEUMONIA: GENERAL CHARACTERISTICS AND PREDISPOSING FACTORS FOR POOR OUTCOME

Leyre Serrano Fernandez (Bilbao (Bizkaia), Spain), Luis Alberto Ruiz Iturriaga, Ainhoa Gomez Bonilla, Julene Escudero Argaluz, Pedro Pablo España Yandiola, Marta Garcia Moyano, Ane Uranga Echeverria, Amaia Aramburu Ojembarrena, Rafael Zalacain Jorge

Inter-hospital variation in resource utilization of diagnostic and follow-up biomarkers in adult community-acquired pneumonia

Stefan Vestjens (Nieuwegein, Netherlands), Simone Spoorenberg, Jan Grutters, Rob Janssen, Paul Voorn, Willem Jan Bos, Ewoudt van de Garde

Studying the association between mortality in patients requiring hospital admission for Community Acquired Pneumonia and pre-hospital antibiotic treatment in primary care

Biswajit Chakrabarti (LIVERPOOL, United Kingdom), Dan Wootton, Joseph Somers, Elizabeth Kanwar, Nancy Prospero, Jaclyn Proctor

14:45 - 16:45

Poster Discussion: Cigarette smoke and particulate matter: basic science and clinical aspects

Chairs : Saeed Kolahian (Tübingen, Germany), Chair to be confirmed

Role of CD4+ T cells Differentiation in Pulmonary Inflammation Induced By Cigarette Smoke And PM2.5

Tianyu Zhou (Beijing, China), Yunxia Wang, Yan Hu, Guangfa Wang

Th17 and Treg cells in COPD patients Exposed to Inorganic Dust

Jin Ee Baek (Incheon, Republic of Korea), Jae Hoon Shin, You Lim Lee, Byung-Soon Choi

Distinct effect of IRAK-M on airway inflammation induced by exposure to LPS or cigarette smoking

Jinming Gao (BEIJING, China), Haihong Gong, Wei Chen, Weixun Zhou

Comparison of electronic cigarette vs. cigarette smoke extract on macrophage function

Kylie Belchamber (London, United Kingdom), Ruth Dacie, Peter Barnes, Louise Donnelly

Impact of PM2.5 on cigarette smoke exposed airway epithelial cells and lung tissues

Tianyu Zhou (Beijing, China), Yunxia Wang, Chao Sun, Hu Yan, Guangfa Wang, Hong Zhang

Cigarette smoke alters primary human bronchial epithelial cell (PBEC) differentiation at Air-Liquid Interface (ALI): role of Oct-4, CD146 and CD105.

Rosalia Gagliardo (Palermo, PA, Italy), Fabio Bucchieri, Giuy Daniela Albano, Angela Marina Montalbano, Roberto Marchese, Giulia Anzalone, Alberto Fucarino, Chiara Lo Nigro, Giuseppe Paglino, Pascal Chanez, Mirella Profita

Anti-inflammatory and anti-oxidative activity of YPL-001 in human bronchial epithelial cells

KYOUNG-HEE LEE (SEOUL, Republic of Korea), An-Hee Jang, Chang-Hoon Lee, Chul-Gyu Yoo

Relationship between Nrf2-Keap1 system and cell death in BEAS-2B exposed to Diesel Exhaust Particles.

Daniela Frias (São Paulo, Brazil), Raquel Nunes, Monique Matsuda, Kelly Yoshizaki, Regiani Carvalho-Oliveira, Daniela Pereira, Pérola Vasconcellos, Thais Mauad, Mariangela Macchione

Effect of iron deficiency on airway inflammation and pulmonary function in mice exposed to cigarette smoke

Kento Sato (Yamagata, Japan), Kohdai Furuyama, Yukihiro Minegishi, Sujeong Yang, Hiroyoshi Machida, Hiroshi Nakano, Maki Kobayashi, Masamichi Sato, Takako Nemoto, Michiko Nishiwaki, Tomomi Kimura, Keiko Yamauchi, Akira Igarashi, Yoshikane Tokairin, Sumito Inoue, Isao Kubota, Yoko Shibata

Involvement ferroptosis in COPD pathogenesis

Masahiro Yoshida (Tokyo, Japan), Shunsuke Minagawa, Jun Araya, Hiromichi Hara, Akihiro Ichikawa, Nayuta Saito, Nahoko Sato, Kazuya Tsubouchi, Yusuke Kurita, Takanori Numata, Yumi Kaneko, Katsutoshi Nakayama, Kazuyoshi Kuwano

Differential expression of the S1P transporter, Spinster homologue 2 (Spns2), in airway epithelial cells and macrophages may drive defective macrophage function in COPD

Sandra Hodge (Adelaide, SA, Australia), Hai B Tran, Hubertus Jersmann, Tung Thanh Truong, Rhys Hamon, Eugene Roscioli, Miranda Ween, Melissa Pitman, Stuart Pitson, Greg Hodge, Paul N Reynolds

Exposure to cigarette smoke extract and lipopolysaccharide alters metabolic and immune processes and cytoskeleton organization in bronchial epithelial cells

Claudia D'Anna (Palermo, PA, Italy), Diego Cigna, Caterina Di Sano, Serena Di Vincenzo, Paola Dino, Maria Ferraro, Luca Bini, Laura Bianchi, Mark Gjomarkaj, Elisabetta Pace

Sonic hedgehog signaling plays an important role in cigarette-induced airway inflammation

Yi Guo (Shanghai, China), Huanying Wan

The unfolded protein an integrated stress response in cigarette smoke-induced interference in Wnt/ - catenin signaling

Padmini P. S. J. Khedoe (Den Haag, Netherlands), A. van Schadewijk, R. Gosens, J. Stolk, P.S. Hiemstra

Role of budesonide, formoterol fumarate and acclidinium bromide in the inflammaging of airway epithelial cells

Elisabetta Pace (Palermo, PA, Italy), Serena Di Vincenzo, Maria Ferraro, Paola Dino, Mark Gjomarkaj

Low Level Laser therapy (LLL) modulates pulmonary immune response and expression of P2X7 purinergic receptor in experimental model of Chronic Obstructive Pulmonary Disorder (COPD)

Cintia Alves (Itapeberica da Serra, Brazil), Gabriel Assis Cunha Moraes, Auriléia Aparecida Brito, Tawany Gonçalves Santos, Nicole Cristine Rigonato-Oliveira, Luana Beatriz Vitoretti, Stephany Souza Soares, Yves Matos, Maysa Alves Rodrigues Brandão-Rangel, Flávio Aimbire, Rodolfo de Paula Vieira, Ana Paula Ligeiro-Oliveira, Alana dos Santos Dias

The effect of diesel emission exposure on intracellular signaling pathways of primary human bronchial epithelial cells

Annalicia Vaughan (Arana Hills, Australia), Svetlana Stevanovic, Mohammad Jafari, Branka Miljevic, Zoran Ristovski, Rayleen Bowman, Kwun Fong, Ian Yang

Poly (IC)-induced exacerbations in a murine smoke model affect DC populations

Martin Wolff (Sülfeld, Germany), Sabine Bartel, Susanne Krauss-Etschmann, Heinz Fehrenbach, Sebastian Reuter

14:45 - 16:45

Poster Discussion: Evaluating lung function, dyspnoea and related respiratory diseases

Chairs : J. Alberto Neder (Kingston, ON, Canada), Richard Casaburi (Rancho Palos Verdes, United States of America)

Change in phase 3 slope of exhaled CO₂ in response to 2 agonist inhalation is associated with asthma control in children

Sam Bayat (Grenoble, France), Ophélie Cracco, Loïc Dégrugilliers, Arnaud Bécourt, Cinthia Rames

Comparision of two preoperative risk assessment algorithms in lung cancer surgery.

Marta Lenczewska (BARCELONA, Spain), Ana M. Fortuna Gutierrez, Juan Carlos Trujillo Reyes, Elisabeth Martinez Tellez, Nuria Calaf Sordo, Pilar Moros Garces, María Dolores Luque Toro, José Belda Sanchis, Mercedes Mayos Perez

Pulmonary poorly communicating fraction: relationships with exercise capacity and gas exchange.

Roberto Torchio (Venaria Reale, Italy), Claudio Ciacco, Marco Guglielmo, Davide Dassetto, Chiara Chiappero

Multivolume proton-magnetic resonance imaging (1H-MRI) in lung transplant recipients: comparison with low dose computed tomography (CT).

Caterina Salito (Milano, MI, Italy), Francesca Pennati, Irene Borzani, Alessandro Palleschi, Davide Tosi, Andrea Aliverti, Letizia Corinna Morlacchi, Domenica Federica Briganti, Paolo Tarsia, Luigi Santambrogio, Ilaria Righi

Monitoring exhaled oxygen concentration during mechanical ventilation: a novel approach for bedside estimation of ventilation heterogeneities

Roberta Südy (Szeged, Hungary), Adam Balogh, Gergely Fodor, Ferenc Petak, Barna Babik

Forced oscillation technique and MRI predictions of airway reactance in moderate-severe asthma

Heather Young (Mississauga, ON, Canada), Fumin Guo, Rachel Eddy, Cody Church, Geoff Maksym, Grace Parraga

Changes in forced oscillation mechanics and symptoms prior to COPD exacerbations during home telemonitoring

Sabine Zimmermann (Sydney, NSW, Australia), Chinh Nguyen, Alessandro Gobbi, Joanna Watts, Claude Farah, Raffaele Dellaca, Matthew Peters, Gregory King, Cindy Thamrin

Discordant and concordant FOT-spirometry phenotypes in a COPD population

Ronald Dandurand (Beaconsfield, Canada), Myriam Dandurand, Raúl San José Estépar, Jean Bourbeau, David Eidelman

Effect of high-flow humidified air on breathing pattern in patients with chronic respiratory failure secondary to obesity hypoventilation syndrome

Maxime Patout (ROUEN, France), Elodie Lhuillier, Gill Arbane, Niraj Shah, Georgios Kaltsakas, Patrick Brian Murphy, Nicholas Hart, Joerg Steier, Michelle Ford

MEDEX 2015: Positive expiratory pressure improves oxygenation and symptoms at high altitude

Samuel Vergès (Grenoble, France), Claire Maufrais, Guillaume Walther, Jamie MacDonald, François Estève, Pierre Bouzat, Thomas Rupp

Gender differences in dyspnea and its association with lung function in COPD and asthma

Grzegorz Brojek (Katowice, Poland), Jan Zejda, Szymon Skoczyński, Beata Kotulska, Klaudia Glinka, Sylwia Waz, Adam Barczyk

Cardiopulmonary exercise testing in the diagnosis of chronic unexplained dyspnoea

Sam Roberts (Leeds, United Kingdom), Wanda Macdonald, Mark Townson, Tim Sutherland

The role of cardiopulmonary exercise testing in the investigation of complex unexplained breathlessness

Anita Jayadev (London, United Kingdom), Nikesh Devani, Lauren Geddes, Christina Kyriacou, Paramjit Jeetley, Verena Canal, Daniel Martin, Swapna Mandal

Mechanisms of exercise limitation in patients with combined fibrosis and pulmonary emphysema

Camila Melo De Oliveira Costa (SAO PAULO, Brazil), Roberta Pulcheri Ramos, Carlos Alberto de Castro Pereira, Eloara VM Ferreira, Carolina MS Messina, Angelo Xerez Cepeda Fonseca, Marcelle Paula Ribeiro, Jaquelina Sonoe Ota Arakaki

Lung hyperinflation is a determinant of the heart rate recovery delay in COPD patients

Ernesto Crisafulli (Pavullo (MO), Italy), Matteo Vigna, Panagiota Tzani, Marina Aiello, Antonella Ielpo, Elisabetta Teopompi, Giuseppina Bertorelli, Alfredo Chetta

Fluorodeoxyglucose uptake in brown adipose tissue measured by positron-emission-tomography in chronic lung disease

Armin Frille (Leipzig, Germany), Karen Geva Steinhoff, Swen Hesse, Osama Sabri, Hubert Wirtz, Hans-Juergen Seyfarth

Hemostatic potential evaluation of patient with COPD by low-frequency piezoelectric thromboelastography.

Anna Bulanova (Tomsk, Russian Federation), Ekaterina Bukreeva, Michael Shpisman, Ivan Tyutrin

Association between estimated Glomerular Filtration Rate (eGFR) and cardiovascular risk in patients with Chronic Obstructive Pulmonary Disease (COPD)

Ligia Puiu (Baia-Mare, Romania), Roxana Nemes, Ancuta Petrovan, Florin D. Mihaltan, Oana Deleanu, Ruxandra Ulmeanu

14:45 - 16:45

Poster Discussion: Smoking Cessation Treatment /e-cigarette

Tag(s) : Smoking prevention and cessation (HLfL)

Chairs : Philip Tønnesen (Glostrup, Denmark)

Use of cytisine for smoking cessation in Italian Centers for Tobacco Treatment

Rosastella Principe (ROMA, RM, Italy), Biagio Tinghino, Vincenzo Zagà, Salvatore Cardelicchio, Licia Siracusano, Giovanni Zelano, Maria Sofia Cattaruzza

Can varenicline achieve abstinence among waterpipe tobacco smokers? A randomized controlled-trial.

Kamran Siddiqi (Otley, United Kingdom), Raana Zahid, Sonia Raja, Mohammed Jawad, Mona Kanaan, Omara Dogar, Jasjit Ahluwalia

Influence of psychiatric disorders in patients treated with Varenicline.

Natalia Fouz Rosón (SEVILLA, Spain), Natalia Fouz Rosón, Carolina Panadero-Paz, Virginia Almadana-Pacheco, Cristina Benito-Bernáldez, Pedro Juan Rodríguez-Martín, Teodoro Montemayor-Rubio

Characteristics of smokers according to their Nicotine Metabolite Ratio, preliminary results from a real-life experience

Gianfranco Puppo (Pisa, PI, Italy), Francesco Pistelli, Stefano Fogli, Marco Lazzeretti, Ferruccio Aquilini, Lucia Lupetti, Antonio Palla, Romano Danesi, Laura Carozzi

Short-term low-dose vs standard-dose Varenicline therapy for smoking cessation: a randomized controlled trial.

Natalia Fouz Rosón (SEVILLA, Spain), Natalia Fouz Rosón, Carolina Panadero-Paz, Pedro Juan Rodríguez-Martín, Cristina Benito-Bernáldez, Concepción Romero-Muñoz, Teodoro Montemayor Rubio

Pharmacological correction of connective tissue dismetabolism in aorta of rats with experimental tobacco smoking

Vera Nevzorova (Vladivostok, Primorsky Krai, Russian Federation), Natalia Zakharchuk, Elena Gonchar, Inessa Dyuzen

Cytisine is an effective smoking cessation medication: more evidence now than ever before

Denis Vinnikov (Bishkek, Kyrgyzstan), Piotr Tutka, Nurlan Brimkulov, Patrycjusz Kolodziejczyk, Ryan Courtney

Medical treatment effectiveness in smoking cessation

Ika Peši (Beograd, Republic of Serbia), Branislav Gvozdenovic, Branka Bulajic Subotic, Vladimir Zugic, Nada Lazovic

A bibliometric overview of e-cigarette publications from 2007 to 2016.

Filippos T. Filippidis (London, United Kingdom), Melek Somai

Highest prevalence of respiratory symptoms among smokers who also use e-cigarettes

Linnea Hedman (Luleå, Sweden), Helena Backman, Caroline Stridsman, Linda Ekerljung

Attitudes towards tobacco and electronic cigarettes of the Portugal resident population aged 15 and over: results from the National Health Survey 2014

Joao Machado (Loures, Portugal), Baltazar Nunes

Prevalence and knowledge of electronic cigarettes amongst medical students, A cross sectional survey from Karachi, Pakistan

Nousheen Iqbal (KARACHI, Pakistan), Zain A Khan, Syed Muhammad Hamza Anwar, Omar Irfan, Babar Irfan, Ammar Hussain, Maria Bibi, Javaid A Khan

Cigarette and e-cigarette smoking among medical and non-medical students in Poland

Grzegorz Bro ek (Katowice, Poland), Mateusz Jankowski, Jan Zejda, Paulina Majek, Jakub Lubanski, Agnieszka Jarosi ska

Symptoms reported by electronic-cigarettes users in social media

Elif Dagli (Istanbul, Turkey), Osman Elbek, Ummuhan Pece Sonmez, Murat Güner, Efza Evrengil, Fusun Yildiz, Tanzer Gezer

Analysis of an electronic cigarette social media forum

Elif Dagli (Istanbul, Turkey), Ummuhan Pece Sonmez, Murat Güner, Efza Evrengil, Fusun Yildiz, Osman Elbek, Tanzer Gezer

The impact of cigarette and e-cigarette smoking on human health.

Mateusz Jankowski (Sulechów, Poland), Grzegorz Bro ek, Jan Zejda, Tomasz Kurowski, Mi osz Knura, Agnieszka Idzik

14:45 - 16:45

Poster Discussion: Rare and common genetic variants in common and rare airway disease

Chairs : Morten Dahl (Køge, Denmark)

Alpha-1 antitrypsin deficiency and spontaneous pneumothorax: just a coincidence?

Guillermo Menga (Ciudad Autónoma Buenos Aires, Argentina), Magdalena Mercuri Guillemi , Luciana Montoto Piazza, Martín Fernández

A rare genetic mutation in primary ciliary dyskinesia

Svetlana Diakova (Moscow, Russian Federation), Yuriy Mizernitskiy, Nadezda Rozinova, Anna Bogorad, Ekaterina Shabelnikova, Natalia Lev, Margarita Kostuchenko

Alpha-1 antitrypsin deficiency – a potentially fatal disease

Catarina da Costa Dias de Sousa (Lordelo, Portugal), Leonor Meira, Maria Sucena

Screening for α -1-antitrypsin deficiency in the pneumologist's office using a dried blood spots kit: promising first results.

colette chapuis cellier (Pierre Benite, France), farid Zerimech, celine Narjoz, malika Balduyck

Exploring the relationship between alpha-1-antitrypsin deficiency and persistent airflow limitation in severe asthma.

Guillermo Menga (Ciudad Autónoma Buenos Aires, Argentina), Daniel Colodenco, Magdalena Mercuri Guillemi, Luciana Montoto Piazza , Juan Rodríguez Moncalvo, Martín Fernández

Molecular diagnosis of Alpha-1 antitrypsin deficiency: a new method based on Luminex Technology

Stefania Ottaviani (Tromello, Italy), Valentina Barzon, Marina Gorrini, Amaia Larruskain, Amaya Buxens, Rachid El Hamss, Marco Antiga, Angelo Guido Corsico, Ilaria Ferrarotti

Preliminary Results of Whole Exome Sequencing in Turkish Primary Ciliary Dyskinesia Patients - Hacettepe University Experience: "Three candidate genes, five novel and two known mutations"

H.U ur Özçelik (ANKARA, Turkey), Nagehan Emiralioglu, Ekim Taskiran, Can Kocukcu, Gokcen Tugcu, Sanem Esref, Mina Hizal, Ebru Yalcin, Deniz Dogru, Nural Kiper, Mehmet Alikasifoglu

Rare genetic variants in genes with ciliary function underlie non-smoking related COPD

Maaike de Vries (Groningen, Netherlands), Diana van der Plaat, Judith Vonk, Marike Boezen, Cleo van Diemen

Unraveling effects of lung function GWAS candidates using airway epithelial eQTLs

Alen Faiz (Groningen, Netherlands), Marijn Berg, Cornelis J Vermeulen, Nick ten Hacken, Wim Timens, Corry-Anke Brandsma, Gerard H Koppelman, Irene H Heijink, Maarten van den Berge

A nasal gene expression profile differentiates individuals with and without COPD and overlaps bronchial gene expression

Ilse M. Boudewijn (Groningen, Netherlands), Alen Faiz, Katrina Steiling, Erica van der Wiel, Eef Telenga, Susan Hoonhorst, Nick ten Hacken, Corry-Anke Brandsma, Huib Kerstjens, Wim Timens, Irene Heijink, Marnix Jonker, Harold de Bruin, Sebastiaan Vroegop, Henk Pasma, Wim Boersma, Pascal Wielders, Frank van den Elshout, Khaled Mansour, Avrum Spira, Marc Lenburg, Dirkje Postma, Maarten van den Berge

Lung function and telomere shortening in blood leukocytes in clean-up workers of Chornobyl NPP suffered of COPD

Kostiantyn Bazyka (Kyiv, Ukraine)

Relationship with Loss of SIGLEC14 and the Risk of COPD Exacerbation

Mukadder Çal ko lu (MERS N, Turkey), Esin Tastekin, Lülüfer Tamer, Arzu Kanik

Genetic polymorphisms of the adrenergic β_2 -receptor in COPD: systematic review and meta-analyses of disease risk and treatment response

Anne Orholm Nielsen (Køge, Denmark), Camilla Steen Jensen, Mohammed Simo Arredouani, Ronald Dahl, Morten Dahl

Gene variants and clinical course of pulmonary sarcoidosis in a Slavic population

Amit Kishore (Olomouc, Czech Republic), KATE INA SIKOROVÁ, MARTINA DOUBKOVÁ, KRZYSZTOF R BA A, ANNA DUBANIEWICZ, VÍT ZSLAV KOLEK, MARTIN PETREK

A genome-wide SNP-by-NO₂ interaction study on lung function in the LifeLines study.

Ana Julia De Faria Coimbra Lichtenfels (Groningen, Netherlands), Diana Van Der Plaats, Kim De Jong, Cleo C. Van Diemen, Ivana Nedeljkovic, Cornelia M. Van Duijn, Najaf Amin, Ronald P. Stolk, Bert Brunekreef, Marike Boezen, Judith M. Vonk

14:45 - 16:45

Poster Discussion: Diagnostic tools and comorbidities in paediatric asthma

Chairs : Angela Zacharasiewicz (Vienna, Austria), Annelies M. Zwitserloot (Groningen, Netherlands)

Measuring the bronchial reversibility in asthmatic children - clinical value of different indices

Snezhdina Lazova (Sofia, Bulgaria), Penka Perenovska, Dimitrinka Miteva, Guergana Petrova, Emilia Naseva

Lung clearance index is increased in high-risk preschool wheezers and is associated with asthma control

Padmaja Subbarao (Toronto, ON, Canada), Rachel Foong, Claire Lepine, Bingqing Shen, May Brydges, Stephanie DeLorenzo, Krzysztof Kowalik, Aimee Dubeau, Thomas Eiwegger, Theo Moraes

The potential role of the Lung Clearance Index 5% in the detection of ventilation inhomogeneity in children

Frans De Baets (Ghent, Belgium), Charlotte Tegenbosch, Liese Lanckmans, Sabine Van daele

Individualised field testing is a useful tool to evaluate difficult asthma.

Hazel Evans (Chandlers Ford, United Kingdom), Gary Connett, Victoria Keenan, Sarah Payne

Volume-dependence of respiratory resistance in exercise-induced bronchoconstriction

Iulia Ioan (VANDOEUVRE-LES-NANCY, France), Tania Adam, Claude Bonabel, Cyril Schweitzer, Silvia Demoulin-Alexikova, Francois Marchal

By how much can exhaled nitric oxide vary without a change in clinical status?

Stephen Turner (Aberdeen, United Kingdom), Shona Fielding, Marielle Pijnenburg, Johan De Jongste, Pike Katy, Graham Roberts, Helen Petsky, Anne Chang, Maria Fritsch, Thomas Frischer, Stanley Szeffler, Peter Gergen, Francoise Vermeulen, Robin Vael

Ciliary motility of nasal epithelium in children with asthma and allergic rhinitis.

Irina Ozerskaya (Moscow, Russian Federation), Uljana Maljavina, Natalia Geppe

High prevalence of abnormal lung function is seen in children managed for asthma in primary care

David Lo (LOUGHBOROUGH, United Kingdom), Lesley Danvers, Nichola Harcombe, Damian Roland, Matthew Richardson, Yaling Yang, Caroline Beardsmore, Andrew Wilson, Erol Gaillard

A randomized crossover study of sputum induction by physiotherapy and hypertonic saline techniques in asthmatic children

Isabella Santos De Genaro (SAO PAULO/SP, Brazil), Egberto Luiz Felicio Junior, Julia Cezario, Monise D. Avona, Viviani Barnabé, Francine M. Almeida, Suellen K. M. Bezerra, Miriam C. N. Eller, Joaquim C. Rodrigues, Milton A. Martins, Beatriz M. Saraiva-Romanholo

Creating asthma friendly environment for children with asthma in Belgrade

Snezana Radic (Beograd, Republic of Serbia), Branislava Milenkovic, Biljana Medjo, Olivera Vlahovic, Ana Neskovic, Milka Micic Stanojevic

Immune profiles in rural children protecting against asthma

Gary Wong (Shatin, Hong Kong), CK Wong, Jing Li, TF Leung, YH Xing

Higher parental education reduced the risk of uncontrolled asthma.

Emma Goksor (Molnlycke, Sweden), Emma Goksör, Frida Strömberg Celind, Bernt Alm, Styliana Vasileiadou, Anna Landen, Nils Åberg, Göran Wennergren

Airway inflammation in severe asthmatics with gastro-oesophageal reflux

Nicole Tanner (Hong Kong, Hong Kong), Albert Li, Andrew Bush, Louise Fleming

Bronchial asthma presentation in obese children

Niya Krasteva (Pleven, Bulgaria), Boiko Shentov, Stanimira Elkina, Nikolai Bulgaranov

Ventilation heterogeneity in children with severe asthma

Amy Nuttall (Leicester, United Kingdom), Caroline Beardsmore, Erol Gaillard

Il-6 levels in exhaled breath condensate (EBC) of children with moderate well-controlled asthma stepping down inhaled corticosteroids

Carlos Tomas Velasco Suarez (Ciudad Autonoma de Buenos Aires, Argentina), Malene Vocos, Andrea Dugur, Juan Manuel Figueroa, Marcela Roque, Doris Primrose, Gimena Donth, Carlos Oliva, Anahí Kruger, Gabriela Andrada, Ana Balanzat

14:45 - 16:45

Oral Presentation: COPD: microbiome composition and the role of antibiotics

Chairs : Daiana Stolz (Basel, Switzerland), Marc Miravittles (BARCELONA, Spain)

Induced sputum microbiome in smoker and non-smoker COPD subjects and its association with lung function in Indian subjects

14:45 Baishakhi Ghosh (BANGALORE (KARNATAKA), India), Akshay Gaike, Shreyas Kumbhare, Kanchan Pyasi, Jyoti Londhe, Vandana Vincent, Bill Brashier, Dhiraj Dhotre, Yogesh Shauche, Louise Donnelly, Peter Barnes, Sundeep Salvi, Amit Agarwal

Features of Throat Microbial Community between Smokers with or without Chronic Obstructive Pulmonary Disease

15:00 Wenqi Diao (Beijing, China), Ning Shen, Bei He

Variation of microbiota in COPD patients during exacerbation and posterior stabilization: molecular characterization by metagenomic.

15:15 JUAN CARLOS LÓPEZ CARO (Castro Urdiales, Spain), Miguel Santibañez Margüello, Antonio Galiana Cabrera, Juan Carlos Rodríguez Díaz, Alex Mira, Juan Luis García Rivero, Jesús Sainz Jiménez, Manuel Villanueva Montes

An imbalanced airway microbiota correlates with greater peak flow decline in virus-induced asthma exacerbations

15:30 Ernie Wong (London, United Kingdom), Jaideep Dhariwal, Leah Cuthbertson, Phillip James, Michael Cox, Miriam Moffatt, William Cookson, Sebastian Johnston

Prevalence of Pneumocystis jirovecii colonization in patients with Chronic Obstructive Pulmonary Disease (COPD) in Bogotá, Colombia.

15:45 Alejandra Canas-Arboleda (Bogotá, Cundinamarca, Colombia), Javier Garzon-Herazo, Catalina Hernandez-Florez, Claudia Parra-Giraldo, Juan Felipe Burbano-Gutierrez, Jose Cita-Pardo, Manuela Tobon

Systematic review: Does antibiotic treatment duration affect the outcomes of asthma and COPD exacerbations?

16:00 Marie Stolbrink (Liverpool, United Kingdom), Jack Amiry, John D Blakey

Antimicrobial prescription in patients dying from chronic obstructive pulmonary disease

16:15 John Taverner (Melbourne, Australia), Lauren Ross, Claire Bartlett, Louis Irving, Natasha Smallwood

14:45 - 16:45

Oral Presentation: New insights in chronic respiratory failure

Chairs : Nicholas Hart (London, United Kingdom), João Carlos Winck (Vila Nova de Gaia, Portugal)

Domiciliary high-flow nasal cannula oxygen therapy for stable hypercapnic chronic obstructive pulmonary disease: a prospective, multicentre, randomised crossover trial

14:45 Kazuma Nagata (Kobe, Japan), Takashi Kikuchi, Takeo Horie, Akira Shiraki, Takamasa Kitajima, Toru Kadowaki, Fumiaki Tokioka, Naohiko Chohnabayashi, Akira Watanabe, Susumu Sato, Keisuke Tomii

- 15:00** **Development and validation of a simple tool for clinical assessment of patients treated with home NIV: The S3-NIV questionnaire**
Dan Adler (Genève, Switzerland), Elise Dupuis-Lozeron, Grégoire Gex, Patrick Pasquina, Pierre-Olivier Bridevaux, Jean-Christian Borel, Paola Marina SoccaL, Wolfram Windisch, Jean-Louis Pépin, Jean-Paul Janssens
- 15:15** **Exhaled air leakage during application of high flow nasal cannula on a human patient simulator**
David Shu Cheong Hui (Shatin, Hong Kong), Benny Chow, Thomas Lo, Tony Gin, Matthew Chan
- 15:30** **Effects of noninvasive ventilation on the expiratory glottis narrowing and on the respiratory muscles in COPD**
Manuel Baz (Montevideo, Uruguay), Agustin Arruti, Natalia de Gorriarán, Luis Dibarboure, Juan Alonso, Héctor Piriz, José Pedro Arcos, Francisco Javier Hurtado, María Clara Charlin
- 15:45** **Long term effects on non-invasive ventilation in hypercapnic COPD patients**
Wim Vos (Heist-op-den-Berg, Belgium), Cedric Van Holsbeke, Jan De Backer, Bitu Hajian, Wilfried De Backer
- 16:00** **Talking masks for acute noninvasive ventilation**
(,), Moussa Riachy, Georges Abi Tayeh, George Dabar, Ihab Ibrahim, Kareen Harmouche, Georges Khayat, Zeina Aoun Bacha, Nagi Gholam
- 16:15** **Prevalence of chronic hypercapnic COPD - preliminary data from the HOMEVent registry**
Pierre-Charles Neuzeret (Martinsried, Germany), Michael Dreher, Wolfram Windisch, Dagmar Busam, Andrea Graml, Katharina Ortner, Gerhard Hoheisel, Holger Woehrle, Thomas Köhnlein, Andreas Gröschel

14:45 - 16:45

Oral Presentation: Novel mechanisms and therapeutic targets in lung injury and repair

Chairs : Darcy Wagner (Lund, Sweden)

- LSC - 2017 - Wnt Activity Marks Lung Progenitors Capable Of Forming Spheres In Vitro**
John-Poul Ng-Blichfeldt (Groningen, Netherlands), Chiharu Ota, Jan Stolk, Pieter S. Hiemstra, Reinoud Gosens, Melanie Königshoff
- LSC - 2017 - A critical role for mTOR regulated metabolic reprogramming during TGF- induce d fibroblast collagen synthesis**
Brintha Selvarajah (London, United Kingdom), Ilan Azuelos, Ellen Forty, Manuel Platé, Gino Brunori, Lindsay Edwards, Andy Blanchard, Dimitrios Anastasiou, Paul Mercer, Rachel Chambers
- LSC - 2017 - High-throughput single cell mRNA sequencing reveals cell identity programs in the murine lung**
Maximilian Strunz (München, Germany), Lukas Simon, Christoph Mayr, Ilias Angelidis, Fabian Theis, Herbert Schiller
- 14:45** **Differential gene expression of repair factors in mesenchymal stromal cells from different sources in emphysema**
Dennis Kruk (Groningen, Netherlands), Harold de Bruin, Monique Lodewijk, Danique Hof, Willeke Daamen, Toin van Kuppevelt, Mauricio Rojas, Wim Timens, Nick ten Hacken, Irene Heijink
- 15:00** **The mitochondrial pyruvate carrier: a role in senescence and the ageing lung?**
Jodie Birch (Newcastle upon Tyne, United Kingdom), Joao Passos
- 15:15** **Involvement of RIPK3-regulated necroptosis in IPF pathogenesis.**
Sung Woo Park (Bucheon, Republic of Korea), Ji Min Lee, Masahiro Yoshida, Mi So Kim, June-Hyuk Lee, Ae-Rin Baek, An Soo Jang, Do Jin Kim, Shunsuke Minagawa, Su Sie Chin, Il Yup Chung, Soo Taek Uh, Yong Hoon Kim, Choon Sik Park, Jun Araya, Kazuyoshi Kuwano
- 15:30** **Transcriptional Profiling reveals Reprogramming of Airway Basal Cells in IPF.**
Antje Prasse (HANNOVER, Germany), Benedikt Jäger, Alfonso Carleo, Danny Jonigk, David DeLuca

14:45 - 16:45

Oral Presentation: Novel studies on bronchodilators and cough

Chairs : Maria Gabriela Belvisi (London, United Kingdom), Mario Cazzola (ROMA, RM, Italy)

- 14:45** **CHF6366: characterisation of the bronchoprotective effect of a novel MABA compound in the experimental bronchospasm model in anaesthetised guinea pigs**
Daniela Miglietta (PARMA, PR, Italy), Chiara Carnini, Franco Bassani, Marina Tondelli, Annalisa Murgo, Valentina Mileo, Benedetta Riccardi, Riccardo Patacchini, Maurizio Civelli, Gino Villetti

- 15:00** **A randomized placebo controlled trial of AZD8999 (LAS190792) a novel dual acting bronchodilator in asthmatics**
Carol Astbury (Barcelona, Spain), Helena Pujol, Èric Massana, Meritxell Falques, Marisa González, Tim Mant, Gonzalo de Miquel
- 15:15** **Protein tyrosin kinase and KCa⁺⁺ channel: two faces of the same coin in LABA/LAMA synergy**
Luigino Calzetta (ROMA, RM, Italy), Paola Rogliani, Francesco Cavalli, Ermanno Puxeddu, Francesco Facciolo, Mario Cazzola, Maria Gabriella Matera
- 15:30** **Secondary allosteric M3 receptor binding for tiotropium: implications for bronchoprotection and functional interactions with LABAs**
Reinoud Gosens (Groningen, Netherlands), Loes Kistemaker, Carolina Elzinga, Christofer Tautermann, Michael Pieper, Daniel Seeliger, Martina Schmidt, Herman Meurs
- 15:45** **The antitussive effects of alpha7 ($\alpha 7$) nicotinic receptor agonists**
Peter Dicipinigaitis (New York, United States of America), Brendan Canning, Robert DeVita, Michael Perelman, Qi Liu, Douglas Hay, Jing Liang
- 16:00** **Activation of transient receptor potential (TRP) channels by hypoosmolar solution: an endogenous mechanism of ATP release and afferent nerve activation**
Sara Jane Bonvini (London, United Kingdom), Eric Dubuis, John Adcock, Michael Wortley, Mark Birrell, Maria Belvisi
- 16:15** **TRPM3, P2X2 and P2X3 expression patterns in single airway sensory nerves**
Michael Wortley (London, United Kingdom), Eric Dubuis, Sarah Maher, Sara Bonvini, Mark Birrell, Maria Belvisi

14:45 - 16:45

Oral Presentation: Factors associated with lung function development

Tag(s) : Smoking prevention and cessation (HLfL)

Chairs : Per Sigvald Bakke (BERGEN, Norway), Chair to be confirmed

- 14:45** **Combined impact of smoking and early life exposures on adult lung function**
James Allinson (London, United Kingdom), Rebecca Hardy, Seif Shaheen, Gavin Donaldson, Diana Kuh, Jadwiga Wedzicha
- 15:00** **Hormone replacement therapy may preserve lung function during reproductive aging**
Kai Triebner (Bergen, Norway), Simone Accordini, Lucia Calciano, Ane Johannessen, Bryndís Benediksdóttir, Ersilia Bifulco, Pascal Demoly, Shyamali Dharmage, Karl Franklin, Judith Garcia-Aymerich, José Antonio Gullón Blanco, Joachim Heinrich, Mathias Holm, Debbie Jarvis, Rain Jõgi, Eva Lindberg, Jesús Martínez Moratalla Rovira, Nerea Muniozguren Agirre, Isabelle Pin, Nicole Probst-Hensch, Chantal Raheison, José Luis Sánchez-Ramos, Vivi Schlünssen, Cecilie Svanes, Steinar Hustad, Bénédicte Leynaert, Francisco Gómez Real
- 15:15** **Tobacco smoke exposure through childhood and lung function in adolescence**
Jesse Thacher (Stockholm, Sweden), Erica Schultz, Jenny Hallberg, Jenny Hallberg, Ulrika Hellberg, Ulrika Hellberg, Per Thunqvist, Göran Pershagen, Göran Pershagen, Inger Kull, Inger Kull, Erik Melén*, Erik Melén*, Anna Bergström*, Anna Bergström*, Inger Kull
- 15:30** **Childhood respiratory risk factor profiles and lung function in middle age**
Dinh Bui (Melbourne, Australia), Caroline Lodge, John Burgess, Jennifer Perret, Adrian Lowe, Gayan Bowatte, Bruce Thompson, Garun Hamilton, Peter Frith, Graham Giles, Alan James, Debbie Jarvis, Cecilie Svanes, Judith Garcia-Aymerich, Stephen Morrison, Iain Feather, Katrina Allen, Minh Bui, Mellisa Russell, Michael Abramson, Haydn Walters, Melanie Methason, Shyamali Dharmage
- 15:45** **Body adiposity at 18 and 22 years and lung function at 22 years old.**
Paula Duarte de Oliveira (PELOTAS/RS, Brazil), Ana Maria Baptista Menezes, Fernando César Wehrmeister, Rogelio Pérez-Padilla, Helen Gonçalves, Maria Cecília F. Assunção
- 16:00** **Associations between physical fitness and lung function in children and young adults**
Robert Hancox (Dunedin, New Zealand), Finn Rasmussen, Malcolm Sears
- 16:15** **Lung function trajectories over the life span, their associated childhood factors and consequences**
Dinh Bui (Melbourne, Australia), John Burgess, Caroline Lodge, Adrian Lowe, Jennifer Perret, Gayan Bowatte, Bruce Thompson, Garun Hamilton, Peter Frith, Alan James, David Johns, Paul Thomas, Debbie Jarvis, Cecilie Svanes, Stephen Morrison, Iain Feather, Katrina Allen, Minh Bui, Melissa Russell, Michael Abramson, Haydn Walters, Melanie Matheson, Shyamali Dharmage

14:45 - 16:45

Oral Presentation: Cystic fibrosis: monitoring and biomarkers

Chairs : Jürg Barben (St. Gallen, Switzerland), Alex Horsley (Manchester, United Kingdom)

- 14:45** **Bronchial immunoglobulins and epithelial pIgR are upregulated in cystic fibrosis**
Amandine Collin (Woluwe-Saint-Lambert, Belgium), Bruno Detry, Caroline Bouzin, Clémence Martin, Pierre-Régis Burgel, Virginia De Rose, Charles Pilette, Sophie Gohy
-
- 15:00** **Quantitative multivolume magnetic resonance imaging (1H-MRI) in patients with cystic fibrosis (CF) lung disease: comparison with FEV1 and lung clearance index (LCI)**
Francesca Pennati (Milano, MI, Italy), Caterina Salito, Irene Borzani, Giulia Cervellin, Simone Gambazza, Riccardo Guarise, Maria Chiara Russo, Carla Colombo, Andrea Aliverti
-
- 15:15** **Longitudinal monitoring of lung microstructure with HP gas diffusion-weighted MRI in mild cystic fibrosis children**
Ho-Fung Chan (Sheffield, United Kingdom), Guilhem Collier, Laurie Smith, Helen Marshall, Paul Hughes, Juan Parra-Robles, Felix Horn, Graham Norquay, Neil Stewart, Chris Taylor, Ina Aldag, Noreen West, Alex Horsley, Jim Wild
-
- 15:30** **Inflammatory markers can predict pulmonary exacerbations of cystic fibrosis**
Daan Caudri (Rotterdam, Netherlands), Alya Ishak, Stephen Stick, Sarath Ranganathan, Jo Harrison, Louise King, Peter Sly, Andre Schultz, Lidija Turkovic
-
- 15:45** **Presence of mucus plugging is predictive of long term lung function in children with cystic fibrosis**
Lidija Turkovic (Perth, WA, Australia), Daan Caudri, Tim Rosenow, Graham Hall, Stephen Stick
-
- 16:00** **The association between leukocyte telomere length, telomere attrition and disease severity in cystic fibrosis patients**
Elise Lammertyn (LEUVEN, Belgium), Dries Martens, Kristine Colpaert, Pieter Goeminne, Marijke Proesmans, Bart Vanaudenaerde, Tim Nawrot, Lieven Dupont
-
- 16:15** **Tryptic activity relates to disease severity and patient mortality in adults with cystic fibrosis**
James Reihill (BELFAST, United Kingdom), Kelly Moffitt, Andrew Jones, Stuart Elborn, Lorraine Martin

15:30 - 17:00

Session: Early career session: ERS activities and opportunities for young scientists

Get an insight on fellowships, abstracts, CRCs etc.

Aims : To inform early career scientists about ERS fellowships and young scientists activities

Chairs : Rory Morty (Bad Nauheim, Germany), Guy Brusselle (Ghent, Belgium)

- 15:30** **Presentation of ERS activities for young scientists**
Guy Brusselle (Ghent, Belgium)
-
- 15:40** **ERS advocacy activities and how they link with young scientists**
Constantine Vardavas (Athens, Greece)
-
- 15:50** **How to advance your career with ERS**
Gernot G.U. Rohde (Frankfurt am Main, Germany)
-
- 16:00** **Panel discussion on ERS fellowships**
Thierry Troosters (LEUVEN, Belgium), Tobias Welte (Hannover, Germany), Antoni Torres (Barcelona, Spain), Nikolaos Kanellakis (Patras, Greece), Annabelle Bédard (LONDON, United Kingdom), Alen Faiz (Groningen, Netherlands)
-
- 16:20** **ERS fellowship in industry - Novartis**
Stefan-Marian Frent (ARAD, Romania), Paraskevi Katsaounou (Athens, Greece), Xavier Jaumont (La Madeleine, France), Paul Michael Larbig (Pfeffingen, Switzerland)
-
- 16:35** **Q & A**
Rory Morty (Bad Nauheim, Germany)
-
- 16:50** **Wrap up and closing**
Guy Brusselle (Ghent, Belgium)

08:30 - 10:30

Symposium: Update on weaning from the ventilator

Ten years later: are the statements of the sixth international consensus conference on intensive care medicine about weaning still valid?

Aims : The aims of this session are (1) to describe the new insights in the pathophysiology of difficult weaning from the ventilator; (2) to understand the role of weaning protocols and automatic weaning algorithms in difficult weaning; (3) to discuss the role of noninvasive ventilation in weaning from mechanical ventilation; and (4) to describe the principles and clinical benefits of inspiratory muscle training in weak patients who are difficult to wean from the ventilator.

Track(s) : Acute and chronic respiratory failure/sleep

Tag(s) : Clinical

Target audience : Allied health professional, Anaesthesiologist, Clinician, Emergency medicine doctor, Intensivist/critical care physician, Junior member, Nurse, Physiologist, Physiotherapist, Pulmonologist, Respiratory physician, Respiratory therapist, Trainee

Chairs : Paolo Navalesi (Milan, Italy), Leo M.A. Heunks (Amsterdam, Netherlands)

08:30 **New insights into the pathophysiology of difficult weaning**
Nicholas Hart (London, United Kingdom)

09:00 **Identifying weaning candidates**
Karen Burns (Toronto, Canada)

09:30 **The role of noninvasive ventilation in weaning from mechanical ventilation**
Alexandre Demoule (PARIS, France)

10:00 **Does inspiratory muscle strength training improve weaning from the ventilator?**
Rik Gosselink (LEUVEN, Belgium)

08:30 - 10:30

Symposium: Personalised care for emphysema in COPD

Aims : Much of pulmonary medicine is moving towards personalised treatment that is based on the specific patient's phenotype. In lung cancer, tumours are targeted on the basis of their genetic signature. In asthma, biological agents are selected on the basis of circulating inflammatory markers. By contrast, in COPD, there has been very little development in terms of personalised therapy. However, interventional procedures are leading the way towards personalised solutions for specific COPD subtypes. On the basis of imaging and other tools, experts can now identify the most likely responders to specific interventions for emphysema. Moreover, we may soon have procedures for other COPD phenotypes, such as cryoablation for chronic bronchitis patients with a high mucous production, or radiofrequency ablation for frequent exacerbators with chronic cough. This session will educate participants about the latest scientific data and make recommendations about how to phenotype and differentially treat advanced COPD patients with non-pharmacological interventions.

Tag(s) : Clinical

Target audience : Allied health professional, Clinician, Fellow, General practitioner, Junior member, Physiotherapist, Pulmonologist, Respiratory physician, Thoracic endoscopist, Thoracic surgeon, Trainee

Chairs : Gerard J. Criner (Philadelphia, United States of America), Daniela Gompelmann (Heidelberg, Germany)

08:30 **Phenotyping emphysema on the basis of clinical information**
Alvar Agusti Garcia-Navarro (Barcelona, Spain)

08:57 **Phenotyping emphysema on the basis of imaging techniques**
Maren Schuhmann (Heidelberg, Germany)

09:24 **Surgical solutions**
Dirk Van Raemdonck (LEUVEN, Belgium)

09:51 **Endoscopic solutions**
Felix J.F. Herth (Heidelberg, Germany)

10:18 **Genetic associations is part of the personalised answer: Report of ERS Statement on AATD**
Robert Andrew Stockley (BIRMINGHAM, United Kingdom)

08:30 - 10:30

Hot topics: Chemical and biological indoor and outdoor pollution

Aims : This session informs the audience on the latest development in indoor and outdoor air pollution and respiratory health effects. Major topics are the energy transition that is being expected to have a major impact on (the composition) on general air pollution in the developed and developing world. Another issue is that air pollution related to livestock production is receiving more attention. Potential protective effects have received considerable attention, deleterious effects of air pollution from livestock production has recently been associated with respiratory effects (COPD exacerbation, pneumonia risk and shifts in the respiratory microbiome) but are still poorly characterized and not completely understood.

Track(s) : **Chronic airway diseases** **Respiratory infections**

Tag(s) : Basic translational science, Smoking prevention and cessation (HLfL)

Target audience : Epidemiologist, Public health official, Clinician, Respiratory physician

Chairs : Laura Fregonese (London, United Kingdom), Barbara Hoffmann (Dusseldorf, Germany)

08:30 **Air pollution: what are the coming issues?**
Michael Brauer (Vancouver, BC, Canada)

09:00 **Farm related air pollution and respiratory effects: do recent insights change our perspectives?**
Lidwien A.M. Smit (Utrecht, Netherlands)

09:30 **Indoor microbial exposure and asthma : about good and bad guys and what do we know so far**
Juha Pekkanen (Helsingin yliopisto, Finland)

10:00 **ERS/ATS Workshop Report on Respiratory Health Effects of Household Air Pollution**
Akshay Sood (Albuquerque, United States of America)

08:30 - 10:30

Hot topics: A novel approach to lung cancer

Is there a revolutionary treatment for lung cancer ?

Aims : To provide an update on most recent studies about alternative treatment for lung cancer

Track(s) : **Lung cancer**

Tag(s) : Clinical

Target audience : Allied health professional, Clinician, Emergency medicine doctor, Fellow, General practitioner, Immunologist, Intensivist/critical care physician, Junior member, Lung function technician, Nurse, Oncologist, Pathologist, Patient, Physiotherapist, Pulmonologist, Radiologist, Researcher, Resident, Respiratory physician, Respiratory therapist, Scientist, Student, Thoracic endoscopist, Thoracic surgeon, Trainee, Pharmaceutical industry representative

Chairs : Torsten Gerriet Blum (Berlin, Germany), Stefano Elia (Rome, Italy)

08:30 **Stem cell therapy for lung cancer**
Sam Janes (London, United Kingdom)

09:00 **CAR T-cell therapy for lung cancer**
Speaker to be confirmed

09:30 **Latest treatable molecular alterations in lung cancer**
Speaker to be confirmed

10:00 **Next advances in immunotherapies for lung cancer**
Speaker to be confirmed

08:30 - 10:30

Hot topics: ERS in the frontline of the fight against tuberculosis

Discussing new perspectives for TB management and latent TB infection and the contributions of ERS to managing difficult cases, understanding new drugs and promoting M-Health

Aims : TB is clinical and public health priority. a) Among new solutions to support clinical and public health management of TB and latent infection (LTBI), M-Health has been supported by WHO and a ERS/WHO project has been launched. b) WHO guidelines recommend difficult-to-treat TB cases are managed by specialised teams, ideally covering a wide range of clinical expertise. ERS and WHO (European office) have developed an electronic platform operating free cost in different languages which, so far, contributed to support clinical management of over 300 cases. c) To manage MDR and XDR-TB there is a desperate need to better understand the role and contribution of new and repurposed drugs to improve bacteriological conversion and treatment success while preventing drug resistance. d) New tools have been recently developed to diagnose TB and LTBI, and new perspectives are therefore opening to improve TB control and, in some settings, to approach pre-elimination.

Track(s) : Respiratory infections**Tag(s) :** Paediatric**Target audience :** Allied health professional, Clinician, Educationalist, Epidemiologist, Fellow, General practitioner, Immunologist, Paediatrician, Patient, Physiotherapist, Physiologist, Public health official, Pulmonologist, Radiologist, Intensivist/critical care physician, Junior member, Microbiologist, Neonatologist, Nurse, Occupational therapist, Researcher, Resident, Respiratory physician, Scientist, Social worker, Student, TB specialist, Thoracic surgeon, Thoracic endoscopist, Trainee**Chairs :** Marc Lipman (London, United Kingdom)**08:30** **The results of the ERS/WHO M-Health project**
Dennis Falzon (Geneva, Switzerland)**09:00** **Managing difficult TB cases: experiences from the ERS/WHO TB Consilium and other country-specific Consilia**
Simon Tiberi (London, United Kingdom)**09:30** **From TB and LTBI diagnosis to a public health response in high and low TB burden countries**
Keertan Dheda (CAPE TOWN, South Africa)**10:00** **Clinical use of new and repurposed drugs: the role and contribution of the ERS collaborative projects**
Giovanni Battista Migliori (VARESE, Italy)

08:30 - 10:30

Session: ERS/ATS Guidelines on treatment and prevention of COPD Exacerbation**Aims :** Provide an overview of the main recommendations for treatment and prevention of COPD exacerbations described in the recent document developed by specialists from ERS and ATS**Track(s) :** Chronic airway diseases**Tag(s) :** Clinical**Target audience :** Clinician, Respiratory physician, Respiratory therapist, General practitioner, Public health official, Nurse**Chairs :** Klaus Friedrich Rabe (Großhansdorf, Germany), Jerry Krishnan (Chicago, United States of America)**08:30** **What is and what is not an exacerbation of COPD? Non pharmacologic interventions for management**
Speaker to be confirmed**09:00** **Recommendations for pharmacological treatment of exacerbations of COPD**
Antonio R. Anzueto (San Antonio, United States of America)**09:30** **Recommendations on long-term antibiotics and mucolytics for prevention of exacerbations of COPD**
Speaker to be confirmed**10:00** **Recommendations for bronchodilators and PDE4 inhibitors for prevention of exacerbations of COPD**
Jørgen Vestbo (Manchester, United Kingdom)

08:30 - 10:30

Poster Discussion: The acute patient: the clinical point of view.**Chairs :** Dario Olivieri (PARMA, PR, Italy), Nikolaos Tzanakis (Heraklion, Crete, Greece)**A method for calculation of arterial blood gas values from measurements in the peripheral blood (v-TAC): The first UK study**

Ari Manuel (Oxford, United Kingdom), Sara Wordingham-Baker, Robert Angus, Biswajti Chakrabarti, Chris Brockelsby, Alexander Challinor

Is there a role for risk stratification for ambulatory management of Pulmonary Embolism?

farhaanah kadri (west midlands, United Kingdom), Keith Siau, Mayumi Hamada, jinha kim, sujatha mathew

Does the significant band of arterial blood gas hold true among patients with restrictive thoracic disease in noninvasive ventilation era?

Hiromasa Tachibana (joyo, Japan), Tomomasa Tsuboi

Delayed diagnosis of pulmonary embolism in the emergency department.

Irwani Ibrahim (Singapore, Singapore), Amos Tan , XL Tan , Lorraine Yong , YH Chan, SP Low , TK Lim, Shirley Ooi

The influence of trimetazidine (Tmz) on quality of life in patients with IPAH

Tamila Martynyuk (Moscow, Switzerland), Elvira Kuznetsova, Galina Ryabykina, Vladimir Sergienko, Irina Chazova

Influence of chronic cardiovascular diseases (CVD) on course and outcome of community-acquired pneumonia (CAP)

Anna V Demchuk (Vinnytsia, Ukraine), Yuriy M Mostovoy

Association Between the Distribution of Body Fluid and Mortality in Heart Failure patients.

ANA GRECIA NAVARRETE PEÑALOZA (mexico city, Mexico), Dulce González Islas, Leslie Verdeja Vendrell, Abril Jimenez Cepeda, Arturo Orea Tejada, Guillermo Karey Pérez Cortés, Rocio Nayeli Sánchez Santillán, Viridiana Peláez Hernández, Francisco Alejandro Figueroa Herrera, Sonia Catalina Torres Montiel, Bernardo Robles Uribe

Is qSOFA score useful to determine proper place of hospitalization in CAP?

Ekaterina Kozlova (Chita, Russian Federation), Sergey Lukyanov, Vladimir Gorbunov, Konstantin Shapovalov

Bronchial artery embolization for hemoptysis: a single institutional experience

Pinar Yıldız (STANBUL, Turkey), Didem Görgün, Mesut Bayraktaroğlu, Nihat Karadağ, Sadettin Kamat, Esra Yazar, Veysel Yılmaz

Is bronchoscopy still a useful test in patients presenting with haemoptysis, with a normal CT scan?

Hannah Carlin (Necastle-upon-Tyne, United Kingdom), Simon Doe

Respiratory complications in acute traumatic spinal cord injury

Julia Sampol Sirvent (BARCELONA, Spain), Mercedes Pallero Castillo, M. Antonia Ramon Belmonte, David Clofent Alarcón, Sergi Martí Beltran, Esther Rodríguez González, Patricia Launois Obregon, Alba Gómez Garrido, Miguel Ángel González-Viejo, Jaume Ferrer Sancho

Pneumothorax in patients with Langerhans cell histiocytosis

Elżbieta Radzikowska (Warszawa, Poland), Katarzyna Basińska-Przerwa, Elżbieta Wiatr, Renata Langfort, Kazimierz Roszkowski-Łi

Validity and reliability of grade scoring in exercise-induced laryngeal obstruction

Emil S. Walsted (Frederiksberg, Denmark), James H. Hull, Jeppe Hvedstrup, Robert C. Maat, Vibeke Backer

Pancreatitis panniculitis and polyarthritis (PPP) syndrome with Pancreaticopleural fistula: Case Report

Vorawut Thanthitaweevat (Bangkok, Thailand), Amornpun Wongkarnjana, Naricha Chirakalwasan

Lung attacks in the ED: measurements to predict outcome. The AWARD study.

Richard Russell (LYMINGTON, United Kingdom), MONA BAFADHEL, IAN PAVORD, CATHERINE BORG, CLARE CONNELLY, BEER SALLY

08:30 - 10:30

Poster Discussion: CPAP therapy**Chairs :** Johan Verbraecken (Antwerp, Belgium), Jan A. Hedner (Gothenburg, Sweden)**Arterial stiffness in obese CPAP-treated obstructive sleep apnea (OSA): A seven years prospective longitudinal study**

Louis-Marie Galerneau (GRENOBLE, France), Renaud Tamisier, Meriem Benmerad, Maria R. Bonsignore, Jean-Christian Borel, Jean-Louis Pepin

Cardiovascular events and mortality in CPAP adherent OSAS patients – a 9-year retrospective study

Minna Myllylä (Turku, Finland), Minna Myllylä, Anna Hammais, Mikhail Stepanov, Ulla Anttalainen, Tarja Saaresranta, Tarja Laitinen

CPAP does not reduce inflammatory biomarkers in coronary artery disease patients with nonsleepy obstructive sleep apnoea: a randomized controlled trial

Yuksel Peker (Istanbul, Turkey), Helena Glantz, Tülay Yucel-Lindberg, Caroline Lindberg, Mustafa Saygin, Erik Thunström

Effect of the continuous positive airway pressure in apneic patients with resistant hypertension: results from the randomized controlled RHOOSAS study

Marie Joyeux-Faure (GRENOBLE, France), Jean-Philippe Baguet, Gilles Barone-Rochette, Patrice Faure, Philippe Sosner, Claire Mounier-Vehier, Patrick Lévy, Renaud Tamisier, Jean-Louis Pépin

Treatment of obstructive sleep apnea during decompensations of heart failure a randomized controlled trial

Rami Khayat (Colombus, United States of America), Kyle Porter, Angela Sow, David Jarjoura, William Abraham

Effects of adaptive servoventilation on sleep quality in treatment emergent central sleep apnea and central sleep apnea in heart failure patients with preserved ejection fraction

Katharina Heider (Regensburg, Germany), Michael Arzt, Christoph Lerzer, Leonie Kolb, Florian Gfüllner, Maximilian Malfertheiner

Sleep Disordered Breathing (SDB) and Chronic Thromboembolic Pulmonary Hypertension: the Effects of Pulmonary Endarterectomy

Francesco Fanfulla (PAVIA, Italy), Eugenia Taurina, Gian Doenico Pinna, Claudio Bruschi, Roberto Maestri, Elena Robbi, Rita Maestroni, Maurizio Pin, Andrea D'Armini, Maria Teresa La Rovere

Acetazolamide reduces blood pressure and sleep disordered breathing in hypertensive obstructive sleep apnoea patients – a randomized controlled trial

Ding Zou (Göteborg, Sweden), Davoud Eskandari, Ludger Grote, Erik Hoff, Jan Hedner

Long-term effects of cardiac rehabilitation on sleep apnea severity in patients with coronary artery disease

Monique Mendelson (GRENOBLE, France), Toru Inami, Owen Lyons, Susan Marzolini, Paul Oh, Douglas Bradley, Hisham Alshaer

Objective compliance with oral appliance therapy versus CPAP in moderate obstructive sleep apnea

Grietje E. De Vries (Groningen, Netherlands), Aarnoud Hoekema, Peter J. Wijkstra

Evaluating longterm mandibular advancement splint responders

Andrew Scott (Brisbane, QLD, Australia), Riley Forbes, Natalie Eriksson, Philip Teuwen

Cardiovascular effects of oral appliance therapy in obstructive sleep apnea: a systematic review and meta-analysis

Grietje E. De Vries (Groningen, Netherlands), Aarnoud Hoekema, Ewout J. Houwerzijl, Peter J. Wijkstra

Long-term tooth displacement in Obstructive Sleep Apnea (OSA) patients treated with custom-made Mandibular Repositioning Device (MRD): two year follow-up (FU) results of ORCADES study

Jean-Baptiste Kerbrat, Bruno Navailles, Isabelle Bonafe, Florent Lavergne, Elodie Aversenq, Laurent Morin, Pierre-Jean Monteyrol

Automated Tele-Monitoring on CPAP Adherence at 1 Year: The Tele-OSA Trial

Maureen Crocker (San Diego, United States of America), Jeremiah Chang, Joanne Liang, Kendra Becker, Joseph Kim, Rosa Woodrum, Dara Vega, Julie DeWitte, Jessica Arguelles, Stephen Derose, Adam Benjafeld, Dennis Hwang

Echocardiographic changes with positive airway pressure in obesity hypoventilation syndrome.**Pickwick study**M^a Ángeles Sanchez Quiroga (Plasencia, Spain), M^a Ángeles Sanchez Quiroga, M^a Victoria Mogollón, Fco. Javier Gómez de Terreros, Jaime Corral, Auxiliadora Romero, Candela Caballero, Joaquín Terán-Santos, Maria L Alonso-Álvarez, Teresa Gomez-Garcia, Mónica González, Soledad López-Martínez, Pilar de Lucas, José M. Marin, Trinidad Díaz-Cambriles, Sergi Martí, Carlos Egea, Babak Mokhlesi, Javier Barca, Juan F. Masa**Randomised controlled trial of the effect of CPAP in uncontrolled nocturnal asthmatic patients with OSAS.**

Susanna SS Ng (HONG KONG, Hong Kong), Tat-On Chan, Jenny Ngai, Ken KP Chan, Wing-Ho Yip, Fanny WS Ko, David SC Hui, Karen Yiu

Liver function following continuous positive airway pressure therapy in obstructive sleep apnea patients

Wilaiwan Khrisanapant (Khon Kaen, Thailand), Khanaphaphon Wuttiumporn, Orapin Pasurivong, Watchara Boonsawat, Justin Reese, Banjamas Intarapoka

Estimated glomerular filtration rate (eGFR) changes after obstructive sleep apnea (OSA) treatment by positive airway pressure: data from the European Sleep Apnea Database (ESADA)

Oreste Marrone (Palermo, PA, Italy), Fabio Cibella, Jean-Louis Pépin, Johan Verbraecken, Tarja Saaresranta, John A. Kvamme, Ludger Grote, Ozen K. Basoglu, Carolina Lombardi, Walter McNicholas, Maria R. Bonsignore

08:30 - 10:30

Poster Discussion: Asthma: mechanisms and treatment**Chairs :** Fabio L. M. Ricciardolo (ORBASSANO (TO), Italy), Peter J. Sterk (Amsterdam, Netherlands)**Effect of the addition of montelukast on airway inflammation and remodeling in symptomatic asthma**

Makoto Hoshino (Atami, Japan), Junichi Ohtawa, Kenta Akitsu, Tetsuo Satoh

Anti-inflammatory effects of the novel phosphodiesterase type 4 inhibitor CHF6001 on bronchoalveolar lavage lymphocytes from asthma patients

Thomas Southworth (MANCHESTER, United Kingdom), Manminder Kaur, Fabrizio Facchinetti, Gino Villetti, Maurizio Civelli, Dave Singh

Living with severe asthma year 2016

Paraskevi Katsaounou (Athens, Greece), Lorena Garcia Conde, Claus Kroegel, Robin Gore, Francesco Menzella, Cristian Domingo Ribas, Mario Morais Almeida, Michael E Hyland, Matthias Gasser, Ismail Kasujee, Mikaela Odemyr

Effect of tralokinumab on GINA control in severe, uncontrolled asthma

Christopher E. Brightling (Leicester, United Kingdom), Edward Piper, Peter Wessman, Gene Colice

The therapeutic efficacy of OAT-889 (dual AMCse/CHIT1 inhibitor) in comparison to montelukast in HDM-induced model of chronic airway inflammation in mice

Barbara Dymek (Warszawa, Poland), Piotr Sklepkiewicz, Magdalena Salamon, Anna Maria Zdziarska, Michał Młcki, Agnieszka Zagołdon, Robert Koralewski, Marzena Mazur, Adam Gołbowski, Jakub Gołb, Karolina Dzwonek

PDK1/RSK1-dependent C/EBP β activation is involved in thrombin-induced expression of orosomucoid 1-like 3 (ORMDL3) and IL-8/CXCL8 in human lung epithelial cells

Bing-Chang Chen (Taipei, Taiwan), Mei-Fen Huang

Long term effect of doxycycline in asthma: a real world observation

Parthasarath Bhattacharyya (KOLKATA (WEST BENGAL), India), Surita Sarkar, Soumen Das, Dipanjan Saha

Clinically meaningful improvements with reslizumab in patient-reported outcomes and lung function in a sub-population defined by the EU indication with ≥ 3 exacerbations

Leif Bjerner (Lund, Sweden), Margaret Garin, Shawn X. Sun

Genome-wide association study of inhaled corticosteroid response in African-admixed children with asthma.

Natalia Hernandez-Pacheco (Santa Cruz de Tenerife, Spain), Niloufar Farzan, Susanne J Vijverberg, Ben Francis, Maximilian Schieck, Munir Pirmohamed, Vojko Berce, Katja Repnik, Uroš Potonik, Daniel B Hawcutt, Michael Kabesch, Colin Palmer, Carlos Flores, Anke H Maitland-van der Zee, Esteban G Burchard †, Maria Pino-Yanes †, († equal contribution)

Perceived and actual control in patients with severe asthma: results from a global online survey

Paraskevi Katsaounou (Athens, Greece), Michael E Hyland, Matthias Gasser, Lorena Garcia Conde, Ismail Kasujee

Clinically meaningful FEV1 response with reslizumab achieved early and sustained over 52 weeks

Johann Christian Virchow (Rostock, Germany), Roland Buhl, Margaret Garin, Mirna McDonald

Reslizumab reduces severe exacerbations associated with emergency department visit or hospitalization and improves measures of lung function in patients on maintenance oral corticosteroids (OCS) at baseline

Pascal Chanez (Marseille, France), Margaret Garin, Mirna McDonald, Marc Humbert

Impact of A Digital Health Intervention On Asthma Healthcare Utilization

Rajan Merchant (San Francisco, United States of America), Michael Tuffli, Meredith Barrett, Chris Hogg, David Van Sickle, David Stempel

Fevipirant (QAW039) demonstrates safety, tolerability and consistent PK at high oral doses

Veit Erpenbeck (Basel, Switzerland), Meredith Cain, Janardhana Vemula, Swathi Mandalapu, Ravish Bhuyan, Gholamreza Rahmzadeh, Kayoko Matsumoto, Michelle Ababa, Markus Weiss

Maternal eCigarette vaping enhances Th2 driven asthma in the offspring.

Pawan Sharma (Sydney, NSW, Australia), Kielan McAlinden, Yik Chan, Anudeep Kota, Varsha Komalla, Hui Chen, Brian Oliver

Curcumin as an Add-on Therapy of Moderate Partially Controlled Asthma

Edin Jusufovic (Tuzla, Bosnia and Herzegovina), Mitja Kosnik, Azra Jusufovic, Munevera Becarevic, Mona Al-Ahmad, Jasmina Nurkic, Munevera Osmic, Alma Nadarevic, Fransi Petrak, Dzenan Halilovic, Rifat Sejdinovic, Besim Prnjavorac

Response to omalizumab treatment according to blood eosinophil count: Results of a French real-world study (STELLAIR)

Marc Humbert (Paris, France), Laurence Mala, Mathieu Molimard

Relationship between benralizumab exposure and asthma exacerbation rate for patients with severe asthma

Lorin Roskos, Bing Wang, Yen Lin Chia, Binbing Yu, Peter Barker, Mitch Goldman

08:30 - 10:30

Poster Discussion: Monitoring asthma control**Chairs :** Andras Bikov (Budapest, Hungary), Fco.De Borja Garcia-Cosio Piqueras (Palma de Mallorca, Spain)**Peripheral blood eosinophil and neutrophil counts independently predict asthma exacerbations**

David Choy (South San Francisco, United States of America), Tracy Staton, Jeffrey Harris, Liam Heaney, John Matthews, Joseph Arron

A study to assess airway remodelling and the utility of low dose CT scoring to evaluate the asthmatic airway.

Eoin Hunt (Cork, Ireland), Karl James, Chris Ward, Stephen Power, Ashley Sullivan, Joe Eustace, Paul O'Byrne, Barry Plant, Michael Maher, John MacSharry, Desmond Murphy

An 12-week, Randomised, Parallel-group, Phase III Study comparing the Efficacy of Once-daily Formoterol/Budesonide Turbuhaler 4.5/160 g and Twice-daily Budesonide Singhler 200 g During Step-down in Well Controlled Asthma

Narongwit Nakwan (Songkhla, Thailand), Thitima Perkleang, Thanida Tamsawai, Pattarawadee Taptawee

Time to move away from peak flows in severe asthma? A symptom based score that predicts exacerbations.

Daniel Neville (Portsmouth, United Kingdom), Jonathan Owen, Thomas Jones, Thomas P Brown, Anoop J Chauhan, Sumita Kerley

Exhaled nitric oxide and blood eosinophilia: biomarkers of different adult asthma phenotypes

Hanneke Coumou (Amsterdam, Netherlands), Guus Westerhof, Selma de Nijs, Elisabeth Bel

An improved bronchial provocation test with dry powder adenosine instead of nebulised adenosine monophosphate (AMP)

Anne J. Lexmond (Groningen, Netherlands), Ilse Boudewijn, Paul Hagedoorn, Siebrig Schokker, Claire Cox, Judith Vonk, Nick ten Hacken, Henderik Frijlink, Anne de Boer, Sebastiaan Vroegop, Dirkje Postma, Maarten van den Berge

Benefit of inhaled corticosteroids (ICS) in asthmatic patients with bronchial hyperresponsiveness (BHR) to mannitol and low fractional exhaled nitric oxide (FeNO) levels

Clair D. Lake (Camperdown, NSW, Australia), Keith K.H. Wong, John D. Brannan

Point-of-care blood eosinophils count in a severe asthma clinic setting

Enrico Heffler (TORINO, TO, Italy), Giovanni Terranova, Carlo Chessari, Valentina Frazzetto, Giuseppe Picardi, Silvia Fichera, Nunzio Crimi

Factors associated with poor asthma control in the year prior to students' first year at university

Hassan Burhan (Liverpool, United Kingdom), Jeehan Saleh, Lowri Evans, Helen Rigg, Nadja Van Ginnekin, Ian Sinha, Gareth Jones, Diane Exley, Theresa Nuttall

Concordance between Asthma Control Test and the revised GINA criteria of asthma control

Konrad Schultz (Bad Reichenhall, Germany), Michael Wittmann, Rupert Wagner, Danijel Jelusic, Hildegard Seidl, Dennis Nowak, Hermann Faller, Michael Schuler

Predictors of response to therapy with omalizumab in patients with severe allergic asthma—a real life study

Maria Kallieri (Aspropyrgos, Greece), Andriana Papaioannou, Evgenia Papathanasiou, Polyxeni Dontsi, Spyridon Papiris, Stelios Loukides

Moleculer characterization of severe allergic asthma patients via exhaled breath volatile organic compounds(Ege University Translational Pulmonology Research Group [EgeTPRG])

Ozlem Goksel (Izmir, Bornova, Turkey), Levent PELIT, Fusun PELIT, Burak ORDIN, Arif GURSOY, Durmus OZDEMIR, Nil ERTAS, Tuncay GOKSEL

Cluster analysis of severe life-threatening asthma: identification of a distinct phenotype characterized by high serum eosinophils

Priscilla Pui Kheng Lau (Singapore, Singapore), Anthony Chau Ang Yui, Adrian Kwok Wai Chan, Rehena Ganguly, Anantham Devanand, Mariko Siyue Koh

Migration status as a risk factor for adult-onset asthma

Reim Aarab (Amsterdam, Netherlands), Susanne Vijverberg, Maria Prins, Marieke Snijder, Ronald van Ree, Anke-Hilse Maitland-Van der Zee, Elisabeth Bel, Wytse Fokkens

Predictors of sputum and BAL eosinophilia in the Wessex Severe Asthma Cohort

Thomas Jones (Portsmouth, United Kingdom), Thomas Brown, Scott Elliott, Clair Barber, Kerry Gove, Laurie Lau, Hitasha Rupani, Anoop Chauhan, Peter Howarth, Junya Ono, Kenji Izuhara

Multiple breath nitrogen washout test and methacholine challenge test in clinical suspicion of asthma.

A.S. Siebeneichler (PORTO ALEGRE/ RS, Brazil), S. Nylas, D. Schumann, M. Tamm, P. Latzin, D. Stolz

IL-33 mRNA in induced sputum cells from allergic rhinitis and asthma patients: a marker of Th-2 phenotype status?

Amaryllis Haccuria (BRUXELLES, Belgium), Virreira Myrna, Rascchaert Johanne, Van Muylem Alain, Michils Alain

Weight-adjusted Intravenous Reslizumab Attenuates Airway Eosinophilia in Severe Asthmatics compared to 100 mg Subcutaneous Mepolizumab

Manali Mukherjee (Hamilton, ON, Canada), Fernando Aleman, Melanie Kjarsgaard, Katherine Radford, Nicola LaVigne, Brittany Salter, Roma Sehmi, Parameswaran Nair

08:30 - 10:30

Poster Discussion: Asthma: clinical and epidemiologic characterisation

Tag(s) : Smoking prevention and cessation (HLFL)

Chairs : Torben Sigsgaard (Århus, Denmark)

Specific inhalation challenge testing in consecutive patients with a wide range of occupational agents

Vicky Moore (BIRMINGHAM, United Kingdom), Sherwood Burge, Alastair Robertson, Gareth Walters

Specificity of specific inhalation challenge with non-standard occupational agents in consecutive patients

Vicky Moore (BIRMINGHAM, United Kingdom), Sherwood Burge, Alastair Robertson, Gareth Walters

Seasonal dynamics of the quality of life of asthmatics with osmotic airway hyperresponsiveness

Juliy M. Perelman (Blagoveshchensk, Russian Federation), Natalia L. Perelman

Asthma in military personnel: appropriate diagnosis and treatment allows for continuous deployment.

Thomas Charlton, Josh Davidson, Andrew Buckley, Bethia Bradley, Orhan Orhan, Gary Davies, Alexandra Nanzer

Occupational asthma: are we recognising at risk patients?

Paul Ellis (Birmingham, United Kingdom), Gareth Walters

Serial FEV1 measurements: an improved diagnostic tool for occupational asthma?

Edward Parkes (Birmingham, United Kingdom), Vicky Moore, Gareth Walters, Alistair Robertson, Sherwood Burge

Association between job title, occupational exposures, and incidence of asthma.

Jesper Baelum (Odense C, Denmark), Jesper Baelum, Harald W. Meyer, Esben M. Flachs, Elvira VAclavik Bräuner, Jens Peter Bonde, Vivi Schlünssen, Vibeke Backer

The nose-lung interaction in occupational allergic rhinitis and asthma in Tunisian textile industry workers

Maher Maoua (Sousse, Tunisia), houda Rouis, Sana Aissa, Sana Guedri, Imen Kacem, Wided Boughattas, Aicha Brahem, Houda Kalboussi, Olfa El Maalel, Souhaïel Chatti, Néjib Mrizak

Job-titles classified into socioeconomic and occupational groups identify subjects with increased risk for respiratory symptoms, independent of occupational exposure

Eva Rönmark (Lulea, Sweden), Christian Schyllert, Martin Andersson, Linnea Hedman, Magnus Ekström, Helena Backman, Anne Lindberg

Trends in work sectors and exposures among patients with work-related asthma in the Tunisian central region.

Imene kacem (sousse, Tunisia), Sana Aissa, Maher Maoua, Wided Boughattas, Souhaïel Chatti, Najib Mrizek

Sensitisation to mouse allergens in contemporary laboratory animal practice

Johanna Feary (London, United Kingdom), Jennifer Canizales, Susie Schofield, Bernadette Fitzgerald, Meinir Jones, Paul Cullinan

Laboratory animal workers' exposure to mouse allergen in animal research facilities

Johanna Feary (London, United Kingdom), Jennifer Canizales, Meinir Jones, Sean Semple, Susie Schofield, Paul Cullinan

Farm environment during infancy and incidence of allergic diseases between the age of 31 and 46 years – results from a prospective birth cohort study from Finland

Jussi Lampi (Kuopio, Finland), Juha Auvinen, Anna-Liisa Hartikainen, Marjo-Riitta Järvelin, Juha Pekkanen, Sanna Toppila-Salmi

Pesticides exposure in vineyard rural area and asthma in children

Chantal Raheison-Semjen (PESSAC, France), Murielle Canal-Raffin, Marie Pouquet, Emilie Berteaud, Ghislaine Bouvier, Isabelle Baldi

Respiratory health of children in pesticide applied areas

Zafer Hasan Ali Sak (ANLIURFA, Turkey), erif Kurtulu , Birsen Ocakl , Zehra Nur Töreysin , brahim Bayhan , M. rfan Ye ilnacar, Metin Akgün , Peri Arbak

Respiratory symptoms in adults living in pesticides applied fields

Zafer Hasan Ali Sak (ANLIURFA, Turkey), erif Kurtulu , Birsen Ocakl , Zehra Nur Töreysin , brahim Bayhan , M. rfan Ye ilnacar, Metin Akgün , Peri Arbak

Phthalates trigger respiratory reflexes

James A Bolaji (London, United Kingdom), Sara J Bonvini, Michael A Wortley, John J Adcock, Eric Dubuis, Chris Carlsten, Terry D Tetley, Mark A Birrell, Maria G Belvisi

Pulmonary functions, respiratory complaints and radiographic findings in aluminium foundry workers

Cahit Bilgin (SAKARYA, Turkey), Peri Arbak, Elif Nisa Ünlü, Ege Güleç Balbay, Öner Balbay, Ali Nihat Annakkaya, Mehmet Akdoğan

08:30 - 10:30

Poster Discussion: Assessing functional outcomes in chronic respiratory disease

Chairs : Heleen Demeyer (BARCELONA, Spain)

Association between number of steps and mortality in patients with severe chronic obstructive pulmonary disease

Katerina Neumannova (Olomouc, Czech Republic), Barbora Novotna, Michal Kopecky, Vladimir Koblizek, Ondrej Kudela, Marek Plutinsky, Ondrej Sobotik, Petr Vanik, Zuzana Liptakova, Pavlina Musilova, Maria Majerciakova, Tomas Dvorak, Jiri Jarkovsky, Karel Hejduk, Michal Svoboda, Jan Svancara

Comparison of kinesophobia and physical activity levels in individuals with COPD at different phenotypes

Alp Özel (Bolu, Turkey), Eylem Tütün Yümin, Tuncer Tu

The six minute walk distance is the best predictor of physical activity in severe COPD patients

Wanlop Kunanusornchai (Nakhon Prathom, Thailand), Karin Wadell, Christer Janson, Kjell Larsson, Richard Casaburi, Ann Lindberg, Milla Katajisto, Maria Nykvist, Varanuj Chatsudthipong, Margareta Emtner

Physical activity levels in a severe asthma population.

Rebecca Livingston (Borehamwood, United Kingdom), Helene Bellas, Jagdeep Sahota, Therese Bidder, Douglas Robinson

Validity of a cutoff point for the London Chest Activity Daily Living scale in patients with COPD

Leticia F. Belo (Londrina, Brazil), Antenor Rodrigues, Thais Paes, Renata Volpe, Vanessa Probst, Fabio Pitta, Nidia A. Hernandez, Camila Bonomo

The views of health care providers' (HCPs) and patients with Chronic Obstructive Pulmonary Disease (COPD) on pain in pulmonary rehabilitation (PR): A qualitative study

Samantha Harrison (Middlesborough, United Kingdom), Annemarie Lee, Helene Button, Rebecca Shea, Roger Goldstein, Dina Brooks, Cormac Ryan, Denis Martin

Upper extremity pain sensitivity and postural abnormalities in obstructive lung disease

Naciye Vardar Yaşlı (ANKARA, Turkey), Melda Saglam, Deniz Inal-Ince, Ebru Calik-Kutukcu, Hulya Arıkan, Lutfi Coplu

Minimal clinically important difference and predictive validity of the mMRC and mBorg in acute exacerbations of COPD

Ana Luisa Araújo Oliveira (Vila Nova de Famalicão, Portugal), Ana Luisa Araújo Oliveira, Lília Andrade, Alda Marques

Measurement properties of muscle strength tests in AECOPD

Ana Luisa Araújo Oliveira (Vila Nova de Famalicão, Portugal), Ana Luisa Araújo Oliveira, Carla Valente, Alda Marques

Are computerized respiratory sounds correlated to patient-centered outcomes in COPD?

Cristina Isabel Oliveira Jácome (Viatodos, Portugal), Cristina Isabel Oliveira Jácome, Alda Marques

Correlation between six minute pegboard and ring test and handgrip endurance test in patients with chronic obstructive pulmonary disease

Ivanize dos Reis (São Carlos/SP, Brazil), Renata Pedrolongo Basso-Vanelli, Maria Cecília Moraes Frade, Mauricio Jamami

Normative values of 6-min Pegboard and Ring test (6PBRT) in healthy Brazilian adults.

Vanessa Lima (DIAMANTINA, Brazil), Fabiana Almeida, Tania Janaudis-Ferreira, Bianca Carmona, Giane Ribeiro-Samora, Marcelo Velloso

Normative values of Unsupported Upper Limb Exercise (UULEX) test in Healthy Brazilians Adults

Vanessa Lima (DIAMANTINA, Brazil), Fabiana Almeida, Tania Janaudis-Ferreira, Betina França, Giane Ribeiro-Samora, Marcelo Velloso

Validation of 6-minute pegboard and ring test in hospitalised patients with exacerbated COPD

Rosimeire Felisberto (São Paulo, Brazil), Cassia Barros, Kelly Cristina Albanazi Nucci, André Luis Pereira de Albuquerque, Elaine Paulin, Christina May Moran de Brito, Wellington Yamaguti

Dynamic hyperinflation induced by the six-minute pegboard and ring test in hospitalised patients with exacerbated COPD

Wellington P. Yamaguti (SAO PAULO/SP, Brazil), Cassia Barros, Rosimeire Felisberto, Kelly Nucci, André Albuquerque, Christina Brito, Elaine Paulin

Genetic profile and patient-reported outcomes (PROs) in COPD: a systematic review

Alda Sofia Pires De Dias Marques (Aveiro, Portugal), Gabriela Moura, Hélder Melro

Investigating the fatigue and related factors in patients with chronic obstructive pulmonary disease.

Sevgi Ozalevli (ZM R, Turkey), Elvan Keles, Deniz Bayraktar, Aylin Ozgen Alpaydin

Factors associated with balance impairment in COPD patients

Rafaella Xavier (SAO PAULO/SP, Brazil), Ana Carolina Pereira, Aline Lopes, Cibele Marques da Silva, Alberto Cukier, Regina Carvalho Pinto, Celso Carvalho

08:30 - 10:30

Oral Presentation: Notable abstracts in asthma**Chairs :** Mohankumar Thekkinkattil (COIMBATORE (TAMIL NADU), India), Szymon Skoczyński (Katowice, Poland)**08:30 Mepolizumab improves activity limitation in severe eosinophilic asthma**

Frank Albers (Chapel Hill, United States of America), Linda M Nelsen, Daniel J Bratton, Eric S Bradford, G J Braunstahl

08:45 Differences between obstructive asthma and Asthma-COPD overlap syndrome (ACOS)

Minna Tammola (Seinäjäoki, Finland), Pinja Ilmarinen, Leena Tuomisto, Lauri Lehtimäki, Jussi Haanpää, Onni Niemelä, Hannu Kankaanranta

09:00 Prospective assessment of GOLD 2017 categories and COPD phenotypes Czech Multicentre Research Database of COPD Group

Vladimír Koblížek (Hradec Králové, Czech Republic), Vladimír Koblížek, Marek Plutinsky, Jaromir Zaloukal, Patrice Popelkova, Tomas Dvorak, Petr Safranek, Ondrej Sobotik, Lucie Heribanova, Petr Vanik, Zuzana Liptakova, Blanka Snelerova, Jaroslav Lnenicka, Pavlina Musilova, Maria Majerciaková, Milada Sipkova, Barbora Novotná, Miroslava Fecaninová, Kristian Brat, Eva Volakova, Libor Nevoranek, Eva Kocova, Michal Kopecky, Katerina Neumannova, Karel Hejduk, Michal Svoboda, Jiri Jarkovsky

09:15 A study to define microbiome subtypes in the adult asthmatic airway

Ashley Sullivan (Cork, Ireland), Eoin B Hunt, Susan Laphorne, Chris Ward, Joseph Eustace, Paul M O'Byrne, Barry J Plant, Desmond M Murphy, John MacSharry

09:30 Chronic cough: objective cough frequency in a large cough clinic cohort

Peter Siu Pan Cho (London, United Kingdom), Hannah Fletcher, Sérgio Matos, Claire Wood, Tracey Fleming, Richard Turner, Surinder Birring

09:45 Exercise and diet improve asthma control in non-obese asthma patients - a randomised controlled trial

Louise Toennesen (Copenhagen, Denmark), Howraman Meteran, Morten Hostrup, Celeste Porsbjerg, Nina Geiker, Camilla Jensen, Arne Astrup, Jens Bangsbo, Debbie Parker, Vibeke Backer

10:00 The influence of folates metabolism genes on the course of asthma during pregnancy

Tatiana Luchnikova (Blagoveshchensk, Amur Oblast, Russian Federation), Olga Prikhodko

08:30 - 10:30

Oral Presentation: New trends in pulmonary rehabilitation and chronic care**Chairs :** Enrico Maria Clini (Pavullo (MO), Italy), Carolyn Rochester (New Haven, United States of America)

- 08:30** **Efficacy and costs of telehealth for the management of COPD: PROMETE II, a multicentre, randomized controlled trial**
Joan B Soriano (MADRID, Spain), Francisco García-Río, Emma Vázquez Espinosa, Josefina Díaz de Atauri, Luis López Yepes, Raúl Galera Martínez, Germán Peces Barba, M^a Teresa Pérez Warnisher, Mercedes García Salmones, Gonzalo Segrelles, Pablo González Ponce, Julio Ancochea
- 08:45** **Whole body vibration training in long-term (>1 year) lung transplant patients – A randomized, controlled trial**
Rainer Gloeckl (Schoenau am Koenigssee, Germany), Inga Jarosch, Stella Seeberg, Thomas Damisch, Klaus Kenn
- 09:00** **Longitudinal change to quadriceps thickness following admission to hospital for an exacerbation of chronic respiratory disease**
Neil Greening (LEICESTER, United Kingdom), Theresa Harvey-Dunstan, Emma Chaplin, Sally Singh, Michael Steiner
- 09:15** **Home-based pulmonary rehabilitation in patients with bronchiectasis: a randomized controlled trial**
Simone Dal Corso (São Paulo, Brazil), Anderson José, Anne E. Holland, Jessyca P. R. Selman, Rejane A. S. Castro, Anderson A. de Camargo, Cristiane S. de Oliveira, Tiago P. Freitas, Rodrigo Athanasio, Samia Z. Rached, Alberto Cukier, Rafael Stelmach
- 09:30** **Effects of bronchodilator therapy and exercise with self-management behaviour-modification on psychological and cognitive outcomes in COPD**
Kim Lavoie (Montréal, QC, Canada), Maria Sedeno, Pei-Zhi Li, Thierry Troosters, Alan Hamilton, Dorothy De Sousa, Jean Bourbeau
- 09:45** **The effect of inspiratory pressure support on quadriceps endurance is blunted after pulmonary rehabilitation in severe COPD patients.**
Pierre Labeix (Saint-Etienne, France), Mathieu Berger, Daniela Muti, Isabelle Court Fortune, Stephanie Ballereau-Chomette, Jean-Claude Barthélémy, Frédéric Costes
- 10:00** **Short-time exercise-induced rehabilitation in non-small cell lung cancer patients during in-hospital chemotherapy treatment: a randomized controlled trial**
Dariusz Jastrzbski (Zabrze, Poland), Anna Rutkowska, Sebastian Rutkowski, Sabina Kostorz, Aleksandra Zebrowska, Dariusz Ziora, Richard Casaburi

08:30 - 10:30

Oral Presentation: Novel imaging findings characterising various lung diseases and their prognoses

Chairs : Aleksandar Grgic (Homburg, Germany), Johan Coolen (Leuven, Belgium)

- 08:30** **Novel CT markers of volume loss in idiopathic pulmonary fibrosis (IPF) predict mortality**
Hasti Robbie (London, United Kingdom), Athol Wells, Joseph Jacob, Simon Walsh, Arjun Nair, Priscilla Tazoniero, Ahgasthikan Srikanthan, Angela Atinga, Rose Camoras, Anand Devaraj
- 08:45** **Comparison of in-vivo lung morphometry models from multiple b-value diffusion-weighted MRI in healthy controls, IPF and COPD patients**
Ho-Fung Chan (Sheffield, United Kingdom), Juan Parra-Robles, Guilhem Collier, Jim Wild
- 09:00** **Ventilation heterogeneity assessed in patients with mild cystic fibrosis and asthma using Hyperpolarised gas MRI histogram analysis**
Paul Hughes (Sheffield, United Kingdom), Laurie Smith, Felix Horn, Alberto Biancardi, Guilhem Collier, Neil Stewart, Graham Norquay, Madhwesha Rao, Ina Aldag, Chris Taylor, Helen Marshall, Jim Wild
- 09:15** **Ventilation heterogeneity reversibility: asthma, COPD or ACOS?**
Rachel Eddy (London, Canada), Khadija Sheikh, Dante Capaldi, Sarah Svenningsen, David McCormack, Grace Parraga
- 09:30** **Parametric response map registered CT feature and small airway physiology analysis in asthma**
Alexander Bell (Leicester, United Kingdom), Matthew Richardson, Amisha Singapuri, Evgeny Mirkes, Alexander Gorban, Craig Galban, Maarten van den Berge, Chris Brightling, Salman Siddiqui
- 09:45** **Clinical significance of ^{99m}Tc-technetrit in indications of inflammatory processes in TB/HIV patients**
Andrey Perfilyev (Moscow, Russian Federation), Atadzhan Ergeshov, Olga Demikhova, Grigory Klimov, Anatoly Sigaev, Rasul Amansakhedov, Stanislav Mikhailov, Irina Limarova
- 10:00** **Title:68 Gallium DOTA-NOC PET/CT as a predictor of disease activity in sarcoidosis**
Achintya Singh (New Delhi, India), Sanchit Sharma, Madhavi Tripathi, Agrima Mian, Surendra K Sharma

08:30 - 10:30

Oral Presentation: From IPF to rare diseases

Chairs : Claudia Ravaglia (Brisighella, Italy), Vincent Cottin (Lyon, France)

- 08:30** **The role of free fatty acids in idiopathic pulmonary fibrosis**
Jin Woo Song (Seoul, Republic of Korea), Hak-Su Kim, Kwang Min Lee, Ha Eun Song, Kwang Hun Choi, Jung Jin Hwang, Hyun Ju Yoo
-
- 08:45** **Real world experience with transbronchial cryobiopsies for diagnosing interstitial lung disease (ILD)**
Julia Wälscher (Sinsheim, Germany), Julia Wälscher, Ralf Eberhardt, Claus Peter Heußel, Arne Warth, Felix JF Herth, Michael Kreuter
-
- 09:00** **Gender associated Differences in Patients with IPF based on the Analysis of the INSIGHTS-IPF Registry Data**
Antje Prasse (HANNOVER, Germany), Michael Kreuter, Jens Klotsche, Dirk Koschel, Marion Frankenberger, Claus Neurohr, Martin Schwaiblmair, Dirk Skowasch, Martin Claussen, Sven Gläser, Henrike Wilkens, Christian Grohe, Lars Hagmeier, Joachim Kirschner, Stefan Andreas, Hubert Wirtz, David Pittrow, Jürgen Behr, Silke Geier
-
- 09:15** **Benefits from a program for “early interstitial lung diseases” in primary care centers**
Pilar Rivera Ortega (BARCELONA, Spain), Patricio Luburich, Ferran Ferrer, Ariadna Conejero, Josep Maria Bantula, Lurdes Planas, Vanesa Vicens, Ignacio Escobar, Roger Llatjos, Anna Bachs, Jordi Dorca, Maria Molina Molina
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- 09:30** **Lung function in Birt-Hogg-Dubé syndrome**
Cécile Daccord (LAUSANNE, Switzerland), Raphaël Borie, Mohamed Faouzi, Chahera Khouatra, Anne Gondouin, Amandine Briault, Jean-François Cordier, Vincent Cottin, Romain Lazor
-
- 09:45** **Exercise in patients with pulmonary Langerhans cell histiocytosis: performance and mechanisms of limitation**
Glaucia Itamaro Heiden (SAO PAULO/SP, Brazil), Carolina Freitas, Juliana Barbosa Sobral, Ronaldo Kairalla, Carlos Roberto Carvalho, João Marcos Salge, André Luis Albuquerque, Rogério Souza, Bruno Baldi
-
- 10:00** **Histologic aspects of UIP pattern on cryobiopsy in patients with idiopathic pulmonary fibrosis**
Ilaria Nardi (Forli, Italy), Marcello Bosi, Sara Tomassetti, Claudia Ravaglia, Carlo Gurioli, Lucia Crociani, Luca Vighietta, Susanna Mascetti, Venerino Poletti, Sara Piciocchi, Alessandra Dubini, Venerino Poletti

08:30 - 10:30

Oral Presentation: Hospital-acquired infections: from prevention to treatment

Chairs : Ignacio Martin-Loeches (Dublin 8, Ireland), Miquel Ferrer Monreal (BARCELONA, Spain)

- 08:30** **The lateral-Trendelenburg vs. semirecumbent body position for the prevention of ventilator-associated pneumonia - The Gravity-VAP Trial**
Gianluigi Li Bassi (Barcelona, Spain), Mauro Panigada, Otavio Ranzani, Theodor Kolobow, Alberto Zanella, Massimo Cressoni, Lorenzo Berra, Vieri Parrini, Hassan Kandil, Giovanni Salati, Sergio Livigni, Alessandro Amatu, Massimo Girardis, Maria Barbagallo, Gabriella Moise, Giovanna Mercurio, Alessandra Costa, Antonella Vezzani, Simone Lindau, Jaksa Babel, Marco Cavana, Antoni Torres
-
- 08:45** **Secondary analysis of hospital mortality risks associated with the lateral-Trendelenburg vs. semirecumbent body position - The Gravity-VAP Trial**
Gianluigi Li Bassi (Barcelona, Spain), Mauro Panigada, Otavio Ranzani, Theodor Kolobow, Alberto Zanella, Massimo Cressoni, Lorenzo Berra, Vieri Parrini, Hassan Kandil, Giovanni Salati, Sergio Livigni, Alessandro Amatu, Massimo Girardis, Maria Barbagallo, Gabriella Moise, Giovanna Mercurio, Alessandra Costa, Antonella Vezzani, Simone Lindau, Jaksa Babel, Marco Cavana, Antoni Torres
-
- 09:00** **Quick Sepsis-related Organ Failure Assessment to predict ICU admission and mortality in community-acquired pneumonia**
Maria Dolores Martinez Pitarch (VALENCIA, Spain), Guido Palomino Pacsi, María Luisa Planells Prats, María Bóveda Garcia, Andreu Belmonte Domingo
-
- 09:15** **Exhaled breath metabolomics for the diagnosis of pneumonia in intubated and mechanically ventilated ICU-patients**
Pouline M.P. van Oort (Amsterdam, Netherlands), Sanne de Bruin, Hans Weda, Hugo Knobel, Marcus Schultz, Lieuwe Bos
-
- 09:30** **Circulating levels of miR-150 and miR-126 are associated with poor outcomes of influenza A/H1N1 virus infection.**
Joaquin Zuniga (Mexico City, Mexico), Joaquin Zuñiga, Nora Regino-Zamarripa, Luis Jiménez-Alvarez, Alfredo Cruz-Lagunas, Eduardo Márquez-García, Gustavo Ramírez-Martínez, Francisco Urrea, Criselda Mendoza, Carmen Hernández, Ramón Espinosa-Soto

09:45 Eradication of MRSA ventilator-associated infection with inhaled vancomycin.
Lucy B. Palmer (Stony Brook, United States of America), Gerald C Smaldone

10:00 Comparative results of preemptive therapies in mechanically ventilated patients with carbapenem-resistant *Acinetobacter baumannii* (CRAB)
Joo-Won Min (GOYANG-SI, Republic of Korea), Chang Hyeok An, Sang Joon Park

08:30 - 10:30

Oral Presentation: New perspectives from experimental models of pulmonary hypertension

Chairs : Ralph T. Schermuly (GIESSEN, Germany)

08:30 Bacterial translocation in pulmonary hypertension
Frederic Perros (Le Kremlin Bicetre, France), Benoit Ranchoux, Amélie Bigorgne, Aurélie Hautefort, Barbara Girerd, Olivier Sitbon, David Montani, Marc Humbert, Colas Tcherakian

08:45 Contribution of BMP9 to Pulmonary Arterial Hypertension
Ayumi Sekine (Le Plessis-Robinson, France), Ly Tu, Christine Mallet, Jennifer Bordenave, Raphael Thuillet, Carole Phan, Paul-Benoit Poble, Alice Huertas, Marc Humbert, Sabine Bailly, Christophe Guignabert

09:00 Regulation of the pulmonary vascular tone by p66shc and cyclophilin D
Mareike Gierhardt (Buenos Aires, Argentina), Oleg Pak, Akylbek Sydykov, Karin Quanz, Azadeh Esfandiary, Jochen Wilhelm, Hossein Ardeshir Ghofrani, Ralph T Schermuly, Werner Seeger, Friederich Grimminger, Christiane Herden, Rainer Schulz, Norbert Weissmann, Natascha Sommer

09:15 The effect of 6-mercaptopurine treatment on experimentally induced pulmonary arterial hypertension
Xiao-Qing Sun (Amsterdam, Netherlands), Kondababu Kurakula, Chris Happé, Denielli da Silva Goncalves Bos, Ingrid Schalijs, Anton Vonk-Noordegraaf, Frances S de Man, Harm-Jan Bogaard, Marie-Jose Goumans

09:30 Bone marrow transplantation reduces susceptibility to pulmonary hypertension in BMPR2 deficient mice
Alexi Crosby (Cambridge, United Kingdom), Mark Toshner, Elaine Soon, Mark Southwood, Benjamin Dunmore, Emily Groves, Stephen Moore, Penny Wright, Morrell Nicholas

09:45 Pharmacokinetics and pre-clinical efficacy of ralinepag (APD811) in humans and rats
John Adams (San Diego, United States of America), Michael Morgan, David Unett, Brendan Whittle

10:00 Reversal of pulmonary hypertension in a sugen/hypoxic rat model using an ASK1 inhibitor
Kathryn Wilson (GLASGOW, United Kingdom), Hanna Buist, Geeshath Jayasekera, John Liles, Grant Budas, Seth Fairfax, Colin Hughes, Margaret Nilssen, Colin Church, Mandy MacLean, Andrew Peacock, David Welsh

08:30 - 10:30

Oral Presentation: Paediatric respiratory infections and immunity

Chairs : Mark Everard (Perth, WA, Australia), Ricardo Miguel Ribeiro Marques Cunha Fernandes (Lisbon, Portugal)

08:30 Nasal cavity inflammation in patients with primary ciliary dyskinesia (PCD) is associated with bacterial infection
Amelia Shoemark (London, United Kingdom), Emily Frost, Katharine Harman, Suzanne Crowley, Andrew Ives, Jackie Donovan, Hui-Leng Tan, Eric W Alton, Andrew Bush, Claire Hogg, Jane C Davies

08:45 Primary ciliary dyskinesia exhibits dysregulated epithelial responses to non-typeable *Haemophilus influenzae*
Jane Lucas (Southampton, United Kingdom), Samuel Collins, Raymond Allan, Claire Jackson, Janice Coles, Gary Connett, Woolf Walker

09:00 Toll-like receptor 2 subfamily gene polymorphisms: a prospective post-bronchiolitis cohort study
Sari Törmänen (Tampere, Finland), Sari Törmänen, Matti Korppi, Eero Lauhkonen, Petri Koponen, Johanna Teräsjärvi, Juho Vuononvirta, Merja Helminen, Qiushui He, Kirsi Nuolivirta

09:15 IL1RA polymorphism and levels associated with adverse outcome in severe community acquired pneumonia in children: A hospital-based study in India.
Shally Awasthi (Lucknow, India), Krishna K Yadav, Monika Pandey, AA Mahdi, Nidhi Awasthi

09:30 Respiratory morbidity after hospitalisation with Respiratory Syncytial Virus and Rhinovirus infection.
Pearl Ampah (Liverpool, United Kingdom), Steven Lane, Sarah Stephenson, Jennifer Davis, Clare Van Meirt, Brian Flanagan, Gemma Saint, Paul Mcnamara

09:45 Mycoplasma pneumoniae genotype is associated with severity of lower respiratory tract infections in children
Jasna Rodman (Ljubljana, Slovenia), Darja Keše, Marina Praprotnik, Tatjana Mrvi, Rok Kogoj, Uroš Krivec

- 10:00** **Environmental exposure does not affect pathogenic detection in nasal specimens**
Nada Townsi (East Perth, WA, Australia), Shannon Simpson, Graham Hall, Glenys Chidlow, David Smith,
Andrew Wilson, Jane Pillow, Ingrid Laing

10:45 - 12:45

Symposium: Omics in paediatric asthma and beyond

New insights in paediatric asthma

Aims : After this presentation, the audience will have state-of-the-art knowledge on the genetics, epigenetics, metabolomics, and microbiome in paediatric asthma and will know what systems biology can offer individual children with asthma.

Track(s) : Chronic airway diseases

Tag(s) : Paediatric

Target audience : Clinician, Fellow, Junior member, Microbiologist, Paediatrician, Pulmonologist, Researcher, Resident, Respiratory physician, Scientist, Trainee

Chairs : Marielle W.H. Pijnenburg (Rotterdam, Netherlands), Erik Melén (Stockholm, Sweden), Chair to be confirmed

- 10:45** **New genetics and epigenetics insights in paediatric asthma**
Victor Ortega (Winston-Salem, United States of America)

- 11:15** **Metabolomics in paediatric asthma: all in one breath?**
Silvia Carraro (Padova, PD, Italy)

- 11:45** **The microbiome: a marker or driver of paediatric asthma?**
Erika von Mutius (Munich, Germany)

- 12:15** **Systems biology: bringing paediatric and adult asthma together**
Jean Bousquet (MONTPELLIER, France)

10:45 - 12:45

Symposium: Malignant pleural effusion management in 2017: a review of recent RCTs

Aims : The goal of this symposium is to educate mainly respiratory physicians in terms of the current management of malignant pleural effusions and the recent advances in management. It will combine members from assemblies 1 (clinical) and 11 (oncology). The faculty contains known leaders in their field who have participated in previous symposia of this nature at other national and international meetings that were well attended and well received. The topics include prognostication when a patient presents with a malignant pleural effusion, with the aim of aiding the appropriate management. Talc pleurodesis methods will be reviewed along with the results of RCTs that compared the effectiveness of talc pleurodesis and indwelling pleural catheter placement. The primary results of the IPC-PLUS trial, which assessed whether combining both techniques improves outcomes, will be described. Finally, the results of the recent MAPS trial in mesothelioma management will be detailed.

Track(s) : Chronic airway diseases

Tag(s) : Clinical

Target audience : Clinician, Fellow, Nurse, Patient, Pulmonologist, Researcher, Resident, Respiratory physician, Scientist, Student, Thoracic endoscopist, Thoracic surgeon

Chairs : Ioannis Kalomenidis (Athens, Greece), Julius P. Janssen (Nijmegen, Netherlands)

- 10:45** **Phenotyping malignant pleural effusions: why?**
Gary Yc Lee (Perth, Australia)

- 11:15** **TIME for a change in practice: insights from the TIME 1, 2, and 3 trials**
Najib M. Rahman (Oxford, United Kingdom)

- 11:45** **Malignant pleural effusion management: is combining pleurodesis techniques the way forward? Results of the IPC-PLUS trial.**
Rahul Bhatnagar (Bristol, United Kingdom)

- 12:15** **Bevacizumab-targeted therapy for malignant pleural mesothelioma**
Arnaud Scherpereel (LILLE, France)

10:45 - 12:45

Symposium: Innovation in diagnosing and monitoring respiratory disease

New technologies will become more and more important for reducing the number of lung patients

Aims : This symposium will focus on new technologies that will help to diagnose respiratory disease early. These technologies will help professionals to provide care closer to home.

Track(s) : Chronic airway diseases**Tag(s) :** Clinical**Target audience :** Allied health professional, Clinician, Epidemiologist, General practitioner, Junior member, Lung function technician, Nurse, Physiologist, Physiotherapist, Pulmonologist, Researcher, Respiratory physician, Respiratory therapist, Scientist**Chairs :** Irene Steenbruggen (Zwolle, Netherlands), Chair to be confirmed**10:45 Lung volume technologies: a futuristic 3-dimensional method**
James Dodd (BRISTOL, United Kingdom)**11:12 Biomarker technologies: 4-dimensional research**
Peter J. Sterk (Amsterdam, Netherlands)**11:39 Tele-health technologies**
Speaker to be confirmed**12:06 Patient testimonial**
Annette Brons (Amsterdam, Netherlands)**12:18 Wearable technologies**
Fabio Pitta (Londrina, Brazil)

10:45 - 12:45

Symposium: From small airways dysfunction to dyspnoea in COPD: from physiology to clinical application**Aims :** Despite the large body of research on the nature of airway dysfunction in COPD, the relationship between small airways dysfunction and its potential clinical consequences (such as lung hyperinflation and exertional dyspnoea) remains poorly understood. The pharmacological and non-pharmacological approaches that can modify this relationship should be discussed for physiological (lung mechanics and lung hyperinflation) and clinical (dyspnoea and reduced quality of life) reasons.**Track(s) :** Chronic airway diseases Exercise, rehabilitation and physiology**Target audience :** Allied health professional, Clinician, Junior member, Lung function technician, Pathologist, Physiologist, Pulmonologist, Radiologist, Researcher, Respiratory physician, Respiratory therapist, Scientist, Trainee**Chairs :** Pierantonio Laveneziana (Paris, France), Samuel Vergès (Grenoble, France)**10:45 Pathology of small airways dysfunction in COPD**
James Hogg (Vancouver, BC, Canada)**11:15 Physiology of small airways dysfunction in COPD**
Sylvia Verbanck (BRUXELLES, Belgium)**11:45 Imaging of small airways dysfunction in COPD**
Sebastien Bommart (Montpellier, France)**12:15 Clinical implications of small airways dysfunction in COPD**
Denis O'Donnell (Kingston, ON, Canada)

10:45 - 12:45

Symposium: Controversies in community-acquired pneumonia: a pro and con debate**Now is the time to revise what we do for our patients****Aims :** The aim of this symposium is to give the audience an update on the major challenges in pneumonia. The topics will include the use of macrolides and steroids for treating CAP; when and how *Pseudomonas aeruginosa* and MRSA should be included in the empirical antibiotic therapy; and supportive measurements during acute respiratory failure in CAP.**Track(s) :** Respiratory infections**Tag(s) :** Clinical**Target audience :** Clinician, Emergency medicine doctor, Epidemiologist, Fellow, Junior member, Microbiologist, Patient, Public health official, Pulmonologist, Researcher, Resident, Respiratory physician, Respiratory therapist, Student, Trainee**Chairs :** Francesco Blasi (Milan, Italy), Antonio R. Anzueto (San Antonio, United States of America)**10:45 Should lung ultrasound replace chest X-ray in diagnosing pneumonia? Pro argument**
Daniel Lichtenstein (PARIS, France)**11:00 Should lung ultrasound replace chest X-ray in diagnosing pneumonia? Con argument**
Gebhard Mathis (Rankweil, Austria)

- 11:15** **Should macrolides be given to all patients with community-acquired pneumonia? Pro argument**
Antonio R. Anzueto (San Antonio, United States of America)
-
- 11:30** **Should macrolides be given to all patients with community-acquired pneumonia? Con argument**
Mark Andrew Woodhead (Manchester, United Kingdom)
-
- 11:45** **Should steroids be used in community-acquired pneumonia? Pro argument**
Antoni Torres (Barcelona, Spain)
-
- 12:00** **Should steroids be used in community-acquired pneumonia? Con argument**
Grant Waterer (Perth, Australia)
-
- 12:15** **Should severe CAP patients receive anti-MRSA coverage? Pro argument**
Marcos I. Restrepo (San Antonio, United States of America)
-
- 12:30** **Should severe CAP patients receive anti-MRSA coverage? Con argument**
Tobias Welte (Hannover, Germany)

10:45 - 12:45

Year in review: Pulmonary Emergencies

Aims : This symposium will review important papers published in the field of pulmonary emergencies in the last year. In particular papers with high clinical impact will be discussed.

Track(s) : **Interstitial lung disease and vascular disease** **Acute and chronic respiratory failure/sleep**

Tag(s) : Clinical, Paediatric

Target audience : Allied health professional, Anaesthesiologist, Cardiologist, Clinician, Emergency medicine doctor, Fellow, Junior member, General practitioner, Intensivist/critical care physician, Neonatologist, Nurse, Paediatrician, Patient, Pharmaceutical industry representative, Physiologist, Physiotherapist, Pulmonologist, Radiologist, Researcher, Resident, Respiratory physician, Respiratory therapist, Scientist, Student, Trainee

Chairs : Leo M.A. Heunks (Amsterdam, Netherlands), Chair to be confirmed

- 10:45** **Acute management of pulmonary embolism**
Olivier Sanchez (PARIS, France)
-
- 11:10** **Acute hypoxemic failure in adults**
Paolo Navalesi (Milan, Italy)
-
- 11:35** **Acute hypoxemic failure in children**
Robert Ross-Russell (CAMBRIDGE, United Kingdom)
-
- 12:00** **Diffuse parenchymal lung diseases presenting with acute hypoxemic failure**
Silvia A. Quadrelli (Ciudad Autónoma Buenos Aires, Argentina)

10:45 - 12:45

Poster Discussion: What is new in COPD management and prognosis: findings from large studies

Chairs : Laura Fregonese (London, United Kingdom), Nicolas Kahn (Heidelberg, Germany)

Clinical effect of different pneumococcal vaccination schedules in patients with chronic obstructive pulmonary disease (COPD): long-term follow-up results
Andrey Protasov (Samara, Russian Federation), Mikhail Kostinov, Aleksandr Zhestkov

Impact of comorbid bronchiectasis on COPD patients
Ahmed Ben Saad (Monastir, Tunisia), Samah Joobeur, Nesrine Fahem, Saoussen Cheikh Mhamed, Hadhami Mribah, Naceur Rouatbi, Ali El Kamel

Population-based analysis of COPD patients in Catalonia: implications for case management
Erik Baltaxe (Barcelona, Spain), Josep Roca, Emili Vela, Akos Tenyi, Isaac Cano, David Monterde, Montse Claries, Anna Garcia-Altes, Carme Hernandez, Joan Escarrabill

Validation of the GOLD 2017 classification in predicting exacerbations and mortality in COPD patients
Chiung-Zuei Chen (Tainan, Taiwan), Tang-Hsiu Hua, Meng-Zhi Han, Sheng-Han Tsai, Tzuen-Ren Hsiue

Determining SGRQ and TDI responder rates across the duration of clinical trials: Results from tiotropium + olodaterol in COPD
Eric Derom (Ghent, Belgium), Henrik Watz, Lars Grönke, Florian Voss, Roland Buhl

Role of non-cystic fibrosis bronchiectasis in hospitalized patients with acute exacerbation of COPD

Ernesto Crisafulli (Pavullo (MO), Italy), Mónica Guerrero, Antonella Ielpo, Arturo Huerta, Albert Gabarrús, Néstor Soler, Alfredo Chetta, Antoni Torres

Evaluation of roflumilast in COPD patients in a real-world European setting: results from the PROFILE EU study

Claus Vogelmeier (Marburg, Germany), Nikolaos Tzanakis, Stefan Lissan, Eduardo Genofre, Bo Ding, John Horton, Per Bakke

MISSION COPD: A novel model of integrated multidisciplinary COPD care that demonstrates significant reductions in unscheduled health care usage.

Eleanor Lanning (Winchester, United Kingdom), Jayne Longstaff, Claire Roberts, Thomas Jones, Daniel Neville, Will Storrar, Ben Green, Thomas Brown, Anoop Chauhan

Blood eosinophil (EOS) count, exacerbation rate and response to roflumilast in patients with severe COPD

Fernando J. Martinez (New York, United States of America), Klaus Rabe, Peter Calverley, Leonardo Fabbri, Sanjay Sethi, Emilio Pizzichini, Andrew McIvor, Antonio Anzueto, Vijay Alagappan, Shahid Siddiqui, Colin Reisner, Debasree Purkayastha, Jonas Roman, Stephen Rennard

Carbon monoxide transfer factor (DL_{CO}), age and gender add to the BODE index to predict survival in COPD patients

Eric Marchand (YVOIR, Belgium), Lionel Pirard

Use of the Daily PROactive instrument to evaluate physical activity in patients with COPD: results from ACTIVATE

Judith Garcia Aymerich (BARCELONA, Spain), Henrik Watz, Kai M Beeh, Pierluigi Paggiaro, Miguel Moya, Massimo Notari, Diana Jarreta, Esther Garcia Gil, Thierry Troosters

High CAT score predicts lung parenchymal damage in COPD

Ari E. Lindqvist (Helsinki, Finland), M Bajc, J Wang, Y Chen, X Y He

A real world experience of COPD exacerbations and possible association with Bronchiectasis in a medium size teaching hospital in the northwest of England

Himanshu Singh (Preston, United Kingdom), Shahul Khan, Jack Murrell

Elevated systemic biomarkers and persistent anxiety and depression in smokers with and without COPD: An analysis of the SPIROMICS cohort

Victor Kim (Philadelphia, United States of America), Huaqing Zhao, Hilary Armstrong, Wanda O'Neal, Kristina Bailey, Stephen Rennard, R. Graham Barr, Gerard Criner, Gina Lovasi, Mary Morrison

Using Gold Standard Framework Criteria in COPD: Empowering Patients to make Choices about End of Life Care

Sharada Gudur (Preston, United Kingdom), Fiona O'Brien, Ahmed Salem, Imran Hasan, Nazra Hussain, Cath Corcoran, Sarah Emery, Zoe Walker-Frost, Andrew Fletcher, Paul Marsden

Mortality after an acute exacerbation of COPD (AECOPD): findings from the National COPD Audit Programme

Juliana Holzhauer-Barrie (London, United Kingdom), Robert Stone, Derek Lowe, Viktoria McMillan, Muhammad Saleem Khan, Mike Roberts

What predicts a deterioration of generic and disease-specific health-related quality of life in COPD? First longitudinal results of the COSYCONET cohort

Margarethe E. Wacker (Neuherberg, Germany), Rudolf A. Jörres, Holger Schulz, Stefan Karrasch, Armin Koch, Reiner Leidl, Henrik Watz, Claus Vogelmeier, Rolf Holle

10:45 - 12:45

Poster Discussion: New insights into pulmonary rehabilitation for chronic lung diseases

Chairs : William Man (Harefield, United Kingdom)

Do the inflammatory and oxidative basal statuses modulate the functional capacity response after a pulmonary rehabilitation program?

Rejane Agnelo Silva De Castro (SÃO PAULO/SP, Brazil), Anderson Alves de Camargo, Rodolfo de Paula Vieira, Kátia De Angelis, Amanda Aparecida de Araujo, Manoel Carneiro Oliveira Junior, Anderson José, Cristiane Santos de Oliveira, Rodrigo Abensur Athanazio, Samia Zahi Rached, Rafael Stelmach, Simone Dal Corso

Home-based pulmonary rehabilitation reduces admissions for respiratory exacerbations and increases quality of life in MRC 5 group

Ismet Boral (LEICESTER, United Kingdom), Helen Jones, Isebel Vorster, Syed-Fayyaz Hussain

Effectiveness of mesenchymal stem cells in the treatment of patients with chronic obstructive pulmonary disease

Larisa Litskevich (MINSK, Belarus), Alexander Skrahin, Natalia Shpacovskaya, Varvara Solodovnicova, Janina Isaikina

Effectiveness of Home-based Pulmonary Rehabilitation for COPD patients with OSA: overlap syndrome.

Luis Vicente Oliveira (SAO PAULO/SP, Brazil), Julio Oliveira, Anderson Silva, Ana Brunetti, Eduardo Perez, Jessica Urbano, Giuseppe Insalaco, Luciana Sampaio

Evaluation of aerobic exercise program during hospitalization in quality of life and inflammatory markers after one month of discharge in exacerbated COPD patients

Caroline Knaut (BOTUCATU/SP, Brazil), Carolina Bonfanti, Stephania Margotto, Talita Cezare, Robson Prudente, Victor Dourado, Irma Godoy, Suzana Erico Tanni

Locomotor rehabilitation index: a new parameter for pulmonary rehabilitation

Marcelo Coertjens (Porto Alegre, Brazil), Patricia Chaves Coertjens, Hugo Goulart de Oliveira, Marli Maria Knorst, Leonardo Alexandre Peyré-Tartaruga

Impact of meeting behavioral targets in a self-management behaviour-modification program designed to improve physical activity in COPD patients

Jean Bourbeau (Montreal, Canada), Maria Sedeno, Pei-Zh Li, Thierry Troosters, Alan Hamilton, Dorothy De Sousa, François Maltais, Nancy Leidy, Damijan Erzen, Kim Lavoie

Asthma rehabilitation at high vs. low altitude: randomized controlled parallel-group trial

Stéphanie Saxer (Zürich, Switzerland), Stéphanie Saxer, Simon Schneider, Paula Appenzeller, Patrick Bader, Mona Lichtblau, Michael Furian, Bermet Estebeşova, Berik Emilov, Talant Sooronbaev, Konrad Bloch, Silvia Ulrich

Sonographic evaluation of the diaphragm muscle before and after pulmonary rehabilitation

Angelo Longoni (Mariano Comense, Italy), Antonio Paddeu, Dionigi Mangiacasale, Paolo Pozzi, Laura Cattaneo, Mariele Vago, Albino De Marco

Changes in anxiety and depression after pulmonary rehabilitation in distressed patients with sarcoidosis in ProKaSaRe

Daniel Nowik (Hannover, Germany), Konrad Schultz, Heike Buhr-Schinner, Rolf Heitmann, Stefan Hummel, Ulrich Tönnemann, Jochen van der Meyden, Heidrun Lingner

A pilot project to improve pulmonary rehabilitation adherence and outcomes in the COPD population: Glasgow City's Community Respiratory Team

Rosie Meharry (Glasgow, United Kingdom), Gillain McVay, Marianne Milligan, Suzanne Marshall, David Anderson

Effect of a high intensity life style program on asthma control in obese patients with asthma

Yasemin Türk (Rotterdam, Netherlands), Yasemin Türk, Astrid van Huisstede, Gert Jan van der Geijn, Pieter Hiemstra, Christian Taube, Gert Jan Braunstahl

What defines a COPD patient as a responder to rehabilitation?

Mimi Thyregod (Naestved, Denmark), Uffe Bodtger

Evaluation of sleep quality and daily sleepiness in patients with chronic obstructive pulmonary disease in pulmonary rehabilitation

Elie Fiss (SAO PAULO/SP, Brazil), Leandro Nobeschi, SELMA SQUASSONI, Priscila Cordoni, Rodrigo Raimundo

Prevalence and determinants of cognitive impairment in COPD patients enrolled for Pulmonary Rehabilitation

Vasileios Andrianopoulos (Schönau a. Königssee, Germany), Rainer Gloeckl, Christoph Schneider, Inga Jarosch, Tessa Schneeberger, Ioannis Vogiatzis, Klaus Kenn

Exercise capacity, physical activity and sedentary levels in over-weight COPD and Non-COPD adults

Amy Jones (Derby, United Kingdom), Lauren Sherar, Dale Eslinger, Andrew Kingsnorth, Mark Orme, Mike Morgan, Rachael Evans, Michael Steiner, Sally Singh

Exercise-induced oxygen desaturation and perceived breathlessness in 6-minute walk test and grocery shelving task in patients with COPD.

Emma Walker (Gold Coast, Australia), Corinne French, Anne Sinclair, Menaka Sabaratnam, Amanda Betts, Norm Morris

Are there differences in response to pulmonary rehabilitation (PR) in idiopathic pulmonary fibrosis (IPF) and COPD patients?

Claire M. Nolan (London, United Kingdom), Suhani Patel, Ruth E Barker, Peter M George, Paul Cullinan, Toby M Maher, Matthew M Maddocks, William D-C Man

10:45 - 12:45

Poster Discussion: Idiopathic pulmonary fibrosis: from the bench to the bedside

Chairs : Michael Kreuter (Heidelberg, Germany), Elisabeth Bendstrup (Vejle, Denmark)

Fatigue in patients with idiopathic pulmonary fibrosis (IPF) from the pooled pirfenidone (PFD) Phase III trials

Ulrich Costabel (ESSEN, Germany), Carlo Albera, Marlies S. Wijsenbeek, Joao A. de Andrade, Wendi R. Mason, Steven D. Nathan, Joseph D. Zibrak, Maria L. Padilla, Frank Gilberg, Ute Petzinger, Klaus-Uwe Kirchgaessler, Lisa H. Lancaster

Treatment with nintedanib in patients with pleuroparenchymal fibroelastosis

Mouhamad Nasser (Bron, France), Nader Chebib, Francois Philit, Agathe Senechal, Julie Traclet, Virginie Zarza, Vincent Cottin

Clinical application of the COPD assessment test (CAT) in patients with idiopathic pulmonary fibrosis

Saher Burhan Shaker (Rødovre, Denmark), Heidi Kjeldgaard, Hanne Konradsen

Tolerability and safety of anti-fibrotic agents for idiopathic pulmonary fibrosis in real world

Chikatoshi Sugimoto (Sakai, Osaka, Japan), Yoshikazu Inoue, Toru Arai, Takehiko Kasai, Masanori Akira, Seiji Hayashi, Kazunobu Tachibana, Yumiko Sasaki, Naoko Takeuchi, Syojiro Minomo, Naoya Ikegami

Tolerability and efficacy of Pirfenidone and Nintedanib for patients with IPF in real world clinical practice

K. Suresh Babu (Portsmouth, United Kingdom), Andrew Achaiah, Lee Dexter, Elena Cowan, Vanessa Titmus, Robert Hooper

Does timeliness of diagnosis influence survival and treatment response in idiopathic pulmonary fibrosis? Real- world results from the EMPIRE registry.

Martina Vasakova (Prague, Czech Republic), Martina Vašáková, Nesrin Mogulkoc, Martina Šterclová, Beata Zolnowska, Vladimír Bartoš, Martina Pláková, Veronika Müller, Ladislav Lacina, Robert Slivka, Martina Doubková, Marija Roksanđ Milenkovic, Radka Bittenglová, Imrich Jonner, Magdalena Martusewicz-Boros, Monika Žurková, Ilona Binková, Ma gorzata Sobiecka, Richard Tyl, Marzena Trzaska-Sobczak, Pawel Sliwinski, Vladimíra Loš áková, Sebastian Majewski, Pavlína Lisá, Katarzyna Lewandowska, Hana Šuldová, Jasna Tekavec-Trkanjec, Amelia Szymanowska-Narloch, Lenka Šišková, Anikó Bohács, Ján Plutinský, Bohumil Matula, Štefan Tóth, František Pet ík, Margita Bu eková, Jana Pšíkalová, Miklós Zsiray, Jaroslav Ln ni ka, Vladimír íhák, Zsuzsanna Szalai, Zoltán Balík, Štefan Laššán, Pavlína Musilová, Imre Lajkó, Tomáš Snížek, Jan Anton, Ji í Homolka, Peter Paluch, Róbert Vyšehradský, Renata Králová, Jan Kervitzer, Daniel Doležal, Maria Szilasi, Jan Kus, Dragana Jovanovic, Marta Hájková, Michal Svoboda, Jana Strenková

Collaborating with stakeholders to advance the National Patient Charter for Idiopathic Pulmonary Fibrosis in Ireland.

Nicola Cassidy (Dublin 5, Ireland), Liam Galvin, Gemma O'Dowd, Jim Egan

An epidemiological study on the effect of age, sex and comorbidities on the clinical course of idiopathic pulmonary fibrosis

Antonella Caminati (Milano, MI, Italy), Fabiana Madotto, Sara Conti, Giancarlo Cesana, Sergio Harari

Clinical experience with Nintedanib for treatment of idiopathic pulmonary fibrosis (IPF) in Spain.

Claudia Valenzuela (Alcobendas (Madrid), Spain), maria molina molina, Jose Antonio Rodriguez Portal, ana Romero Ortiz, Esteban Cano, maria jesus Rodriguez Nieto, Rosalia Laporta, Julio Ancochea

Discrepancy between patient expectations and experiences with anti-fibrotic drugs in idiopathic pulmonary fibrosis

Catharina Moor (Rotterdam, Netherlands), Merel L. Kimman, Mirjam J.G. van Manen, Carmen D. Dirksen, Marlies S. Wijsenbeek, F. Xana Van Jaarsveld

The efficacy of anti-fibrotic agents for acute exacerbation of idiopathic pulmonary fibrosis

Yoko Matsumoto (Tokyo, Japan), Ryutaro Furukawa, Sayaka Ohara, Kazuhiro Usui

Efficacy and safety of pirfenidone in patients with IPF. A single center real-life experience.

Argyris Tzouveleakis (ATHENS, Greece), Theodoros Karampitsakos, Evangelos Bouros, Vasilios Tzilas, Xrisoula Antonou, Nikolaos Koulouris, Demosthenes Bouros

Tobacco smoking and risk for idiopathic pulmonary fibrosis: a prospective cohort study in UK Biobank

Vanesa Bellou (Ioannina, Greece), Lazaros Belbasis, Athanasios Konstantinidis, Evangelos Evangelou

The programmed death of alveolar lymphocytes is elevated in idiopathic pulmonary fibrosis (IPF). The plausible explanation of well-known bronchoalveolar lavage cytological findings?

Piotr Kopinski (Bydgoszcz, Poland), Tomasz Senderek, Ewelina Włodowska, Karina Szabowska, Grzegorz Przybylski, Joanna Chorostowska

Role of MUC1 in idiopathic pulmonary fibrosis: mechanistic insights

Beatriz Ballester (Burjassot (Valencia), Spain), Ines Roger, Sonia Contreras, Paula Montero, Javier Milara

Concomitant medications and efficacy of nintedanib in patients with IPF

Michael Kreuter (Heidelberg, Germany), Jin Woo Song, John T. Huggins, Benoit Wallaert, Wibke Stansen, Manuel Quaresma, Bruno Crestani

FVC decline over 1 year predicts mortality but not subsequent FVC decline in patients with IPF

Luca Richeldi (Southampton, United Kingdom), Martin Kolb, Arata Azuma, Wibke Stansen, Manuel Quaresma, Susanne Stowasser, Bruno Crestani

10:45 - 12:45

Poster Discussion: Gene signatures in bronchial diseases

Chairs : Jeanne-Marie Perotin-Collard (REIMS, France), Kathy Gately (Dublin 8, Ireland)

Urinary metabolomics-based molecular sub-phenotyping of the U-BIOPRED asthma cohort

Craig Wheelock (Stockholm, Sweden), Shama Naz, Stacey Reinke, Romanas Chaleckis, James Schofield, Paul Skipp, Jeanette Bigler, Matthew Loza, Fred Baribaud, Per Bakke, Massimo Caruso, Pascal Chanez, Stephen Fowler, Kiss Horvath, Norbert Krug, Paolo Montuschi, Marek Sanak, Thomas Sandstrom, Dominick Shaw, Fan Chung, Ratko Djukanovic, Florian Singer, Ana Sousa, Ioannis Pandis, Aruna Bansal, Peter Sterk, Sven-Erik Dahén, and the U-BIOPRED Study Group

Distinctive gene signature of allergen-specific CD4+T cells in allergic patients

Milena Sokolowska (Davos, Switzerland), Tadech Boonpiyathad, Andrzej Eljaszewicz, Francesc Castro Giner, Fiorella Ruchti, Anna Globinska, Beate Ruckert, Anita Dreher, Urszula Radzikowska, Hideaki Morita, Kirstin Jansen, Arturo Rinaldi, Anna Gschwend, Norbert Meyer, Arthur Helbling, Simona Negoias, Sara-Lynn Hool, Urs Borner, William Kwok, Helga Kahlert, Andreas Nandy, Christoph Willers, Mübeccel Akdis, Cezmi Akdis

A hypothesis driven approach investigating the interleukin-6 pathway in UBIO-PRED severe asthma patients

Nil Turan (Stevenage, United Kingdom), Stewart Bates, Matthew Edwards, Dominick E Shaw, Kian Fan Chung, Anna James, Matthew J Loza, Antoon J. Van Oosterhout, - UBIO-PRED study group

Transcriptional factors F²3, ?-Maf, GATA3 and T-bet in different variants of bronchial asthma

Anna Eremeeva (St-Petersburg, Russian Federation), Lada Sorokina, Valeriy Mineev, Michail Nyoma, Vasilij Trofimov

Clustering of patients with bronchial asthma with regard to the genotypes for Bcl1 polymorphism in the glucocorticoid receptor gene

Vladyslava Kmyta (Sumy, Ukraine), Lyudmyla Prystupa

Association between pentanucleotide repeat polymorphism in NOS2 promoter and asthma exacerbations

Keita Hirai (Shizuoka, Japan), Toshihiro Shirai, Masayuki Suzuki, Daiki Tsuji, Kazuyuki Inoue, Kunihiko Itoh

The role of glucocorticoid receptor and isoforms in exacerbations of asthma, COPD, and ACOS

Vasilij Belash (ST PETERSBURG, Russian Federation), Zhanna Mironova, Vasilij Trofimov, Elena Vsevolodskaja, Mikhail Zaraiski, Aleksey Sazanov, Anna Ulitina, Sofya Pchelina

A metabolite of prostaglandin D2, 15-deoxy-^{12,14}-prostaglandin J2 (15d-PGJ2), in exhaled breath condensate (EBC) of asthma patients

Julij M. Perelman (Blagoveshchensk, Russian Federation), Eduard V. Nekrasov, Anna G. Prikhodko, Galina A. Makarova

Activation of a skeletal muscle M3 muscarinic designer receptor exclusively activated by designer drug (DREADD) has cardiopulmonary consequences in the mouse

John T Fisher (Kingston, ON, Canada), Sandra Vincent, Derek Bone, Jürgen Wess

Characterization of cultured primary/metastatic lung cancer cells obtained by percutaneous puncture

Alejandra Canas-Arboleda (Bogotá, Cundinamarca, Colombia), Adriana Rojas Moreno, Alejandra Cañas Arboleda, Angelica Herreño, Maria Jose Fernandez, Juan Andres Mejia, Olga Maria Moreno Niño, Laura Rey, Fernando Bustos, Martin Montecino

Expression of Her-2/neu and Bcl-2 in patients with non-small cell lung cancer

Biljana Ilievska Poposka (Skopje, FYROM (Macedonia)), Gordana Petrusevska

TRANSCRIPTOMIC PROFILING REVEALS M1-HIGH TUMOUR ASSOCIATED MACROPHAGES THAT ORCHESTRATE THE ADAPTIVE ANTI-TUMOUR RESPONSE IN HUMAN LUNG CANCER

Eva Maria Garrido-Martin (Madrid, Spain), Christian Ottensmeier, Pandurangan Vijayanand, Tilman Sanchez-Elsner

p.Leu747Pro mutation leads to misdiagnosis in EGFR mutation assessment – first Caucasian NSCLC patients reported

Katarzyna Duk (Warsaw, Poland), Paulina Skrońska, Michał Skroński, Aneta Zdral, Joanna Chorostowska-Wynimko

The allelic frequency for S and Z mutations in the SERPINA1 gene in NSCLC patients from Poland

Michał Komorowski (Warsaw, Poland), Adam Szepehczinski, Emilia Debek, Katarzyna Duk, Aneta Zdral, Mateusz Florczuk, Piotr Rudzinski, Włodzimierz Kupis, Jolanta Zaleska, Renata Langfort, Tadeusz Orłowski, Kazimierz Roszkowski-Sliz, Joanna Chorostowska-Wynimko

10:45 - 12:45

Poster Discussion: Therapeutic Approaches in Lung Disease

Chairs : Sabine Bartel (Borstel, Germany), Chair to be confirmed

Anti-fibrotic and antioxidant effects of Ailanthus altissima wood aqueous extract against bleomycin-induced lung fibrosis in rat

Anouar Abidi (Tunis, Tunisia), Nadhem Aissani, Hichem Sebai, Saloua Ben Khamsa

CD18-mediated adhesion is required for lung inflammation induced by cell derived microparticles

Tommaso Neri (Pisa, PI, Italy), Valentina Scalise, Cristina Balia, Ilaria Passalacqua, Roberto Pedrinelli, Pierluigi Paggiaro, Alessandro Celi

Kaempferol-induced HO-1 expression attenuated inflammation in human pulmonary alveolar epithelial cells

Yi-Wen Chen (Vancouver, BC, Canada), ChuenMao Yang

Inhibition of CFTR-specific miRNAs in CF bronchial epithelial cells

Chiara De Santi (dublin 3, Ireland), Elena Fernandez Fernandez, Catherine Greene

RAGE-dependent VCAM-1 expression in the pulmonary endothelium mediates IL-33 induced asthma pathogenesis

Timothy Perkins (Maastricht, Netherlands), Elizabeth Oczypok, Regina Dutz, Tim Oury

Pharmacological Rescue of Conventional Primary Equine Bronchial Epithelial Cells

Getu Abraham (Leipzig, Germany), Janko Engelmann, Johannes Kacza, Jana Bonicelli

TGF- β 1-Mediated CTGF Upregulation Through Transactivation of EGFR in Fibrocytes of Chronic Obstructive Asthma

Chun-Hua Wang (Taipei, Taiwan), Chih-Ming Weng, Kian Fan Chung, Han-Pin Kuo

Activation of protease-activated receptor 2 elicits epithelial-mesenchymal transition in HBE cells via ROS signaling

Xiaoning Zeng (Nanjing, Jiangsu, China), Hao Gu, Ai Ge, Yihang Gu

Phosphoinositide-3-kinase gamma/delta isoform signalling defines a mixed T cell severe asthmatic endotype.

Matt Thomas (Gothenburg, Sweden), Karin Bjorhall, Elisabeth Israelsson, Eva LammBergstrom, Jay Horvat, Richard Kim, Rose Maciewicz, Daniel Muthas, Maria Nordberg, Sandra RodrigoBlomqvist, Tiiu Saarne, Carla Winkler, Kostas Karabelas, Ian Adcock, Fan Chung, Philip Hansbro, Anna Malmgren, Matthew Perry

Central role for phosphoinositide-3-kinase gamma/delta dependent signalling in eosinophilic pulmonary inflammation driven by innate lymphoid cells

Matt Thomas (Gothenburg, Sweden), Karin Bjorhall, Mia Collins, Elisabeth Israelsson, Nina Krutrok, Eva LammBergstrom, Rose Maciewicz, Daniel Muthas, Maria Nordberg, Matthew Perry, Sandra RodrigoBlomqvist, Tiiu Saarne, Carla Winkler, Kostas Karabelas, Anna Malmgren, Ian Adcock, Fan Chung, Matthias Wymann

Anti-inflammatory role of myeloid-derived suppressor cells in asthma in vivo

Saeed Kolahian (Tübingen, Germany), Negar Nowroozi Larki, Hasan Halit Öz, Carolin Schroth, Amir Ali Shahbazfar, Moritz Glück, Bernd Nürnberg, Dominik Hartl

T helper cells subtypes and their cytokine gene expression affected by carvacrol in sensitized mice administered during sensitization period

Mohammad Hossein Boskabady (MASHHAD, Islamic Republic of Iran), Majid Kianmehr, Vahideh Ghorani

MicroRNA profiling of asthmatic bronchial epithelial cells

Ming-Ju Tsai (Kaohsiung, Taiwan), Wei-An Chang, Chau-Chyun Sheu, Jen-Yu Hung, Yu-Chen Tsai, Ya-Ling Hsu, Po-Lin Kuo, Inn-Wen Chong

Irisin is associated with clinical outcomes and up-regulated by long-acting anticholinergics in COPD

Eleni Papakonstantinou (Thessaloniki, Greece), Michael Roth, Jyotshna Mandal, Qingzhu Sun, Luigi Costa, Lucas Boeck, Andreas Scherr, Janko Rakic, Renaud Louis, Branislava Milenkovic, Wim Boersma, Konstantinos Kostikas, Francesco Blasi, Joachim Aerts, Gernot Rohde, Alicia Lacoma, Antoni Torres, Tobias Welte, Daiana Stolz, Michael Tamm

Insulin acutely potentiates M3 muscarinic receptor function in rat and human airway smooth muscle

zhenying Nie (Portland, United States of America), David Jacoby, Allison Fryer

Organophosphorus pesticides increase inflammatory cytokines by activating macrophage Mac-1

Becky Proskocil (Portland, United States of America), Pamela Lein, David Jacoby, Allison Fryer

Irisin stimulates the secretion of hyaluronic acid by airway smooth muscle cells from patients with chronic obstructive pulmonary disease

Eleni Papakonstantinou (Thessaloniki, Greece), Michael Roth, Lei Fang, Michael Tamm, Daiana Stolz

SIRT 1 and oxidative stress in COPD pathogenesis

Carolina Vitale (Frattamaggiore, Italy), Valeria Conti, Angelantonio Maglio, Valentina Manzo, Paola Malangone, Graziamaria Corbi, Roberta Cotugno, Damiano Capaccio, Amelia Filippelli, Alessandro Vatrella

10:45 - 12:45

Poster Discussion: From the bench: therapeutic approaches in COPD and emphysema

Chairs : Ali Oender Yildirim (Neuherberg, Germany), Maria Rosa Faner Canet (BARCELONA, Spain)

ATRxvD1 reverts cigarette smoke-induced emphysema by pro-resolutive and antioxidant effects

Manuella Lanzetti Daher de Deus (NITEROI/RJ, Brazil), Sara Vergel Posso, Nicolas Quesnot, Marina Valente Barroso, Emanuel Kennedy Feitosa, Felipe Monteiro Vasconcelos, Lycia de Brito Gitirana, Samuel dos Santos Valença

Effect of ultrafine particle matter on human peripheral blood mononuclear cells of chronic obstructive pulmonary disease patients: involvement of the inflammasome.

Chiara Colarusso (Venticano (AV), Italy), Gianluigi De Falco, Michela Terlizzi, Pasquale Imitazione, Mario Commodo, Mariano Sirignano, Andrea D'Anna, Rita P Aquino, Aldo Pinto, Antonio Molino, Rosalinda Sorrentino

FPS-ZM1-induced blocking of RAGE alleviates elastase-induced emphysema development by preventing RAGE-DAMP-Nrf2 signaling

Hanbyeol Lee (Chuncheon, Republic of Korea), Hye-Ryeon Heo, Ji Young Kim, Woo Jin Kim, Seok-Ho Hong, Se-Ran Yang

Therapeutic effects of human perivascular stem cells in an emphysema mouse model

SEOK-HO HONG (Chuncheon, Republic of Korea), Hye-Ryeon Heo, Ji Young Kim, Jeeyoung Kim, Se-Ran Yang, Hanbyeol Lee, Kye-Seong Kim, Woo Jin Kim

Detection and inhibition of ENaC-activating proteases associated with airway dehydration in COPD

Lorraine Martin (Belfast, United Kingdom), James Reihill, Lisa Douglas, Timothy Ferguson, Brian Walker

Regulatory T cells in COPD development: How the animal model resembles the human pathophysiological features

Fernanda Degobbi Tenorio Quirino dos Santos Lopes, Juliana Tiyaki Ito, Daniela Aparecida de Brito Cervilha, Larissa Emidio de França Silva, Juliana Dias Lourenço, Alyne Riani Moreira, Julia Benini Kohler, Elnara Marcia Negri, Mariangela Macchione, Thais Mauad, Milton Arruda Martins

The protective effects of thymoquinone on lung damage developed by cigarette smoke

Nur Aleyna Yetkin (KAYSER, Turkey), Hakan Büyüko lan, Mehmet Fatih Sönmez, Nuri Tutar, Insu Yilmaz, Inci Gulmez

Different microenvironment stimuli results in distinct patterns of macrophages polarization comparing elastase- and cigarette smoke - induced models of emphysema

Julia Benini Kohler (são bernardo do campo, Brazil), Daniela A.B. Cervilha, Juliana T. Ito, Alyne R. Moreira, Fernanda R. Santana, Talita M. Farias, Maria Isabel C. Alonso- Vale, Carla M. Prado, Milton Arruda Martins, Fernanda D.T.Q.S.Lopes, Larissa E. França

Propolis reverts cigarette smoke-induced emphysema through macrophage alternative activation

Manuella Lanzetti Daher de Deus (NITEROI/RJ, Brazil), Marina Barroso, Isabella Cavalieri, Lycia de Brito Gitirana, Alain Fautrel, Vincent Lagente, Martina Schmidt, Luís Cristóvão Porto, Bruna Romana de Souza, Samuel dos Santos Valença

10:45 - 12:45

Oral Presentation: Innovation in pulmonary rehabilitation and chronic care**Chairs :** Thierry Troosters (LEUVEN, Belgium), Chair to be confirmed

- 10:45** **Retinal image analysis in patients with COPD**
Anouk Vaes (Horn, Netherlands), Martijn Spruit, Emiel Wouters, Jan Theunis, Patrick De Boever, Arnout Standaert, Bart Elen
-
- 11:00** **Accuracy of the Adaptive Computerized COPD Exacerbation Self-management Support (ACCESS) application to support patients' exacerbation self-management. Preliminary results**
Lonneke Boer (Nijmegen, Netherlands), Erik Bischoff, Nathalie van Kuijk, Maarten van der Heijden, Peter Lucas, Jan Vercoulen, Tjard Schermer
-
- 11:15** **Central hemodynamic and local muscle oxygenation responses during interval and continuous exercise in COPD.**
Zafeiris Louvaris (LEUVEN, Belgium), Nikolaos Chynkiamis, Nikolaos Anastasopoulos, Zoe Mavrofrida, Stavroula Spetsioti, Andreas Asimakos, Spyros Zakynthinos, Ioannis Vogiatzis
-
- 11:30** **Desaturation induced by exercise in patients with bronchiectasis: field-based tests versus laboratory-based tests**
Rejane Agnelo Silva De Castro (SÃO PAULO/SP, Brazil), Cristiane Helga Yamane de Oliveira, Anderson Alves de Camargo, Rodrigo Abensur Athanazio, Rebeca Macedo Rodrigues, Thiago Cristiano Oliveira Carvalho, Cristiane Santos de Oliveira, Samia Zahi Rached, Rafael Stelmach, Simone Dal Corso
-
- 11:45** **Long term high flow heated oxygen treatment in COPD – lung function and physical ability**
Ulla Weinreich (Ålborg, Denmark), Line Storgaard, Hans Hockey
-
- 12:00** **Oxygen and ventilation during exercise in hyperinflated desaturating COPD patients**
Maud Koopman (Maastricht, Netherlands), F M E Franssen, J Delbressine, E F Wouters, D Mathew, T J Vink, L E G W Vanfleteren, M A Spruit
-
- 12:15** **Oxygen supplementation does not provide greater training benefits in COPD than medical air: a RCT**
Jennifer Alison (Killara, Australia), Zoe McKeough, Sue Jenkins, Anne Holland, Kylie Hill, Norman Morris, Regina Leung, Lissa Spencer, Catherine Hill, Annemarie Lee, Helen Seale, Nola Cécins, Christine McDonald

10:45 - 12:45

Oral Presentation: Treatment of MDRTB: where are we now?**Chairs :** Simon Tiberi (London, United Kingdom), Chair to be confirmed

- 10:45** **Bedaquiline (BQ)-containing regimen at the programmatic level for MDR-TB: preliminary results**
Sergey Borisov (Moscow, Russian Federation), Keertan Dheda, Martin Enwerem, Rodolfo Romero Leyet, Lia D'Ambrosio, Rosella Centis, Giovanni Sotgiu, Simon Tiberi, Jan-Willem Alffenaar, Andrey Maryandyshv, Evgeny Belilowski, Shashank Ganatra, Alena Skrahina, Onno Akkerman, Alena Aleksa, Rohit Amale, Janina Artsukevich, Judith Bruchfeld, Jose A. Caminero, Isabel Carpena Martinez, Luigi Codecasa, Margareth Dalcolmo, Justin Denholm, Paul Douglas, Raquel Duarte, Aliasgar Esmail, Mohammed Fadul, Alex Filippov, Lina Davies Forsman, Mina Gaga, Julia- Amaranta Garcia-Fuertes, Jose Maria Garcia-Garcia, Gina Gualano, Jerker Jonsson, Heinke Kunst, Jillian S. Lau, Barbara Lazaro Mastrapa, Jorge Lazaro Teran Troya, Selene Manga, Katerina Manika, Pablo González Montaner, Jai Mullerpattan, Suzette Oelofse, Martina Orтели, Domingo Juan Palmero, Fabrizio Palmieri, Antonella Papalia, Apostolos Papavasileiou, Marie-Christine Payen, Emanuele Pontali, Carlos Robalo Cordeiro, Tsetan Dorji Sadutshang, Tatsiana Sanukevich, Varvara Solodovnikova, Antonio Spanevello, Sonam Topgyal, Federica Toscanini, Adrian Tramontana, Zarir Farokh Udwardia, Pietro Viggiani, Veronica White, Alimuddin Zumla, Giovanni Battista Migliori
-
- 11:00** **New and repurposed TB drugs use in children and adolescents with M/XDR-TB**
Alena Skrahina (Minsk region, Belarus), Dzmitry Klimuk, Irina Babchenok, Varvara Solodovnikova, Aliaksandr Skrahin, Henadz Hurevich
-
- 11:15** **Eligibility for WHO shorter MDR treatment regimen among foreign-born MDR PTB patients in Singapore**
Cynthia Chee (Singapore, Singapore), Kyi Win KhinMar, Li Hwei Sng, Roland Jureen, Jeffery Cutter, Vernon Lee, Yee Tang Wang
-
- 11:30** **High rates of resistance to second line drugs are routinely encountered in Mumbai, India for XDR-TB; highlighting the need for new agents.**
Radhika Banka (MUMBAI (MAHARASHTRA), India), Jai Mullerpattan, Shashank Ganatra, Zarir Udwardia, Camilla Rodrigues, Ajay Parmar, Archana Khillari

11:45 **The efficacy, safety and tolerability of the short 12-month MDR-TB regimen in Ukraine at the expense of using intravenous administration of anti-tuberculosis drugs during intensive phase**
Nataliia Lytvynenko (Kyiv, Ukraine), Mykola Gumenuk, Hanna Varytska, Oksana Chobotar, Nataliia Grankina

12:00 **The effect of resection surgery on long-term treatment outcomes of patients with MDR/XDR-TB**
Yana Batyrshina (Novosibirsk, Russian Federation)

12:15 **Thoracic surgery may improve outcome for bilateral cavitary multidrug- and extensively drug-resistant TB**
Kirill Vladimirov (ST PETERSBURG, Russian Federation), Galina Marfina, Grigorii Kudriashov, Anna Starshinova, Evgenii Sokolovich, Pyotr Yablonskii, Armen Avetisian

10:45 - 12:45

Oral Presentation: Lung Cancer: latest basic research on molecular alterations, tumour-immune system-microenvironment interplay and the metabolome

Chairs : Sam Janes (London, United Kingdom), Giulia Maria Stella (Pavia, Italy)

LSC - 2017 - CREB signaling in KRAS-driven lung adenocarcinoma

Georgia Giotopoulou (Patra, Greece), Anthi Kronira, Nikolitsa Spiropoulou, Evanthia Tourkochristou, Nikolaos Kanellakis, Ioannis Lilis, Antonia Marazioti, Magda Spella, Georgios Stathopoulos

LSC - 2017 - Reprogramming Of Tumor Associated Macrophages By Modulating Wnt/ β -catenin Signalling In Lung Cancer.

Poonam Sarode (Bad Nauheim, Germany), Xiang Zheng, Andreas Weigert, Alessandra Tretyn, Soni Savai Pullamsetti, Werner Seeger, Rajkumar Savai

10:45 **Fusion transcripts in lung cancer**
Florent Baty (St. Gallen, Switzerland), Martin Brutsche

11:00 **Cytotoxic T cell antigen 4 and the status of T cell activation in lung cancer: local vs. systemic immune response.**
Iwona Kwiecie (Warsaw, Poland), Tomasz Skirecki, Ma gorzata Polubiec-Kownacka, Dariusz Dziedzic, Joanna Domaga a-Kulawik

11:15 **The influence of conventional and targeted chemotherapy on the expression of stem cell markers in lung cancer cell lines**
Armin Frille (Leipzig, Germany), Hartmut Kuhn, Hans-Juergen Seyfarth, Hubert Wirtz

11:30 **High CO₂ tumor microenvironment confers chemoresistance in lung cancer cells.**
Ryota Kikuchi (Tokyo, Japan), Takao Tsuji, Yuki Iwai, Hiroyuki Nakamura, Kazutetsu Aoshiba

11:45 **Comparative metabolomic study of lung cancer based on serum, urine and bronchoalveolar lavage fluid.**
Byron Enrique Urizar Catalan (Huelva, Spain), Victoria Ignacio Barrios, Belén Callejón Leblic, Tamara García Barrera, Pilar Muñoz Zara, Jesús Grávalos Guzmán, José Luis Gómez Ariza, Antonio Pereira Vega

10:45 - 12:45

Oral Presentation: Phenotyping obstructive sleep apnoea

Chairs : Dirk A.A. Pevernagie (Heeze, Netherlands), Konrad E. Bloch (Zurich, Switzerland)

10:45 **Sleep apnea as a cause of sleep misperception in elderly insomnia patients**
Chaiane Facco Piccin (Porto Alegre, Brazil), Kelly Silveira da Silva Bueno, Emerson Ferreira Martins, Renata Schenkel Kaminski, Roberto Pacheco da Silva, Márcia Kraide Fischer, Murilo Ricardo Zibetti, Jhoana Uribe Ramos, Paula Garcia Oliveira, Juliana Neves Giordani, Bruno de Brito Lopes, Laís da silva Rodrigues, Letícia Maria Tedesco Silva, Denis Martinez, Carolina Caruccio Montanari

11:00 **Diagnostic accuracy of questionnaires to sleep apnea in the elderly**
Chaiane Facco Piccin (Porto Alegre, Brazil), Carolina Caruccio Montanari, Renata Schenkel Kaminski, Emerson Martins, Roberto Pacheco da Silva, Márcia Kraide Fischer, Murilo Ricardo Zibetti, Martina Madalena Pedroso, Micheli Fagundes, Jhoana Uribe Ramos, Juliana Neves Giordani, Kelly Silveira da Silva Bueno, Bruno de Brito Lopes, Letícia Maria Tedesco Silva, Laís da silva Rodrigues, Juliana Langendorf Costa, Cintia Zappe Fiori, Denis Martinez, Paula Garcia Oliveira

11:15 **Arterial stiffness and obstructive sleep apnea in the elderly - the PROOF cohort study**
Frederic Roche (Saint Etienne, France), David Hupin, Sandrine Millasseau, Jean Claude Barthelemy, Emilia Sforza

- 11:30** **Sleep-disordered breathing and pregnancy-induced hypertension in women with and those without obesity**
Midori Ura (Matsumoto, Japan), Keisaku Fujimoto
- 11:45** **Pulmonary functions and sleep related breathing disorders in lipid storage disease**
Zuleyha Bingol (Istanbul, Turkey), Züleyha Kaya Bingöl, Gulseren Sagcan, Hacer Durmus Tekce, Piraye Serdaroglu, Esen Kiyani
- 12:00** **Association between COPD and OSA: impact on cardiorespiratory dynamics during sleep**
Renata Trimer (SAO CARLOS/SP, Brazil), Ramona Cabiddu, Renata Gonçalves Mendes, Fernando Souza Melo Costa, Antônio Delfino Oliveira Júnior, Anna Maria Bianchi, Audrey Borghi-Silva
- 12:15** **Evaluation of sleep architecture in patients recovering from critical care illness (CCI)**
Brijesh Prajapat (Rohtak (Haryana), India), Dhruva Chaudhry, A S Sandhya

10:45 - 12:45

Oral Presentation: Towards new anti-inflammatory and anti-fibrotic agents

Chairs : Chair to be confirmed

- 10:45** **Effects of CHF6297, a potent and selective p38 MAPK inhibitor, in murine models of steroid resistant lung inflammation**
Cataldo Martucci (PARMA, PR, Italy), Daniela Miglietta, Veronica Puviani, Andrew Dennis Allen, Chiara Carnini, Riccardo Patacchini, Fabrizio Facchinetti, Maurizio Civelli, Gino Villetti, Alice Pappani
- 11:00** **Effects of phosphodiesterase inhibitors on the lung functions in a saline lavage-induced model of acute lung injury**
Petra Kosutova (Martin, Slovakia), Pavol Mikolka, Maroš Kolomazník, Andrea Šalkovská, Daniela Mokra
- 11:15** **Roflumilast N-oxide combined with sildenafil reverses cellular remodeling on IPF models**
Sonia Contreras (VALENCIA, Spain), Pilar Ribera, Anselm Morell, Adela Serrano, Javier Milara, Javier Milara
- 11:30** **Modulation of pro-inflammatory and anti-viral responses in BEAS2B cells by glucocorticoid agonists**
Andrea Marcellini (FERRARA, Italy), Dawid Swieboda, Anabel Guedan, Alberto Papi, Sebastian L Johnston, Roberto Solari
- 11:45** **Imatinib-loaded gold nanoparticles ameliorate experimental lung fibrosis induced by bleomycin**
Emanuela Cova (Pavia, Italy), Davide Piloni, Veronica Codullo, Simona Inghilleri, Silvia Breda, Davide Proserpi, Miriam Colombo, Carlomaurizio Montecucco, Jorg H.W. Distler, Federica Meloni
- 12:00** **Evaluation of a selective 5-hydroxytryptamine 2B receptor antagonist designed to alter the fibrotic process**
Christina Wenglen (Lund, Sweden), Lars Pettersson, Helena Arozenius, Gunilla Ekstrom
- 12:15** **Assessing the synergistic effect of the enhancer compound HT61 on Tobramycin activity in a murine model of pulmonary infection**
Blaze O'Shaughnessy (London, United Kingdom), Blaze O'Shaughnessy, Richard Amison, Anthony Coates, Clive Page

10:45 - 12:45

Oral Presentation: New immune markers for asthma and COPD

Chairs : Apostolos Bossios (Stockholm, Sweden), Hans Jurgen Heinrich Hoffmann (rhus, Denmark)

- 10:45** **Asthma phenotyping through CD26, CD126 and LRRC32 biomarkers: a prospective study.**
Juan-Jose Nieto-Fontarigo (SANTIAGO DE COMPOSTELA, Spain), Francisco Javier Gonzalez Barcala, Maria Jesus Cruz, Luis Valdes Cuadrado, Maria Esther San Jose Capilla, Ana Faraldo Garcia, Miguel Angel Garcia Gonzalez, El Bahi Takkouche Souilamas, Pilar Arias Crespo, Montserrat Nogueira Alvarez, Francisco Javier Salgado Castro, Jose Martin Carreira Villamor
- 11:00** **Distinct Tryptase and CPA3-positive Basophil Phenotypes in Healthy Individuals, Asthma, and COPD**
Premkumar Siddhuraj (Lund, Sweden), Michiko Mori, Leif Bjermer, Jonas Erjefalt
- 11:15** **Surfactant Protein D (SP-D) multimerization and gene polymorphism in COPD and asthma**
Rania Jounblat (Beyrouth, Lebanon), Dalia Fakih, Zeina Akiki, Kirsten Junker, Myrna Medlej-Hashim, Mirna Waked, Pascale Salameh, Uffe Holmskov, Hasnaa Bouharoun-Tayoun, Soulaïma Chamat, Grith L Sorensen
- 11:30** **NTPDase activity in circulatory eosinophils from patients with allergic asthma**
Jose de Jesus Martinez-Zuniga (D.F., Mexico), Jose de Jesus Martinez Zuniga, Ramces Falfan-Valencia, Enrique Ambrocio-Ortiz, Rafael Hernandez-Zenteno, Fernando Flores, Jaime Chavez

11:45 **Regulation of tracheal parasympathetic nerve ganglia development by eosinophils**
Alexandra Pincus (Portland, United States of America), Matthew Drake, Allison Fryer, Nancy Lee, James Lee, David Jacoby, Katie Lebold

12:00 **Platelets roll and adhere to the vascular bed in response to allergen challenge in allergic mice.**
Sajeel Shah (London, United Kingdom), Yanira Riffo Vasquez, Clive Page, Simon Pitchford

10:45 - 12:45

Oral Presentation: Smoking and molecular findings

Tag(s) : Smoking prevention and cessation (HLfL)

Chairs : Ian M. Adcock (London, United Kingdom), Hiroo Wada (Tokyo, Japan)

10:45 **Urinal expression profile of miRNAs after smoking cessation in healthy subjects: a pilot study**
Zdenka Navratilova (Olomouc , Czech Republic), Zdenka Navrátilová, Alzbeta Chabronova, Stanislav Losse, Vitezslav Kolek, Martin Petrek

11:00 **The change of heat shock protein in tobacco users and clinical and laboratory characteristics as markers to evaluate the pathophysiological process promoted by cigarette**
Thyego Mychell Moreira Santos (BOTUCATU/SP, Brazil), Irma Godoy, João Paulo Castro Marcondes, Suzana Erico Tanni Minamoto, Thais Garcia, Ilda Godoy

11:15 **Influence of smoking on PECAM-1 molecule expression on the surface of T lymphocytes in BAL fluid from patients with pulmonary sarcoidosis**
Laimute G Jurgauskiene (VILNIUS, Lithuania), Regina Aleksioniene, Radvile Malickaite, Stanilava Simanaviciene, Edvardas Danila

11:30 **Comparison of the immune response in a mouse model of whole body and nose-only cigarette smoke-exposure**
Jef Serré (Leuven, Belgium), Jef Serré, Tom Tanjeko Ajimé, Carolien Mathysen, Tobias Heigl, Karen Maes, Bart Vanaudenaerde, Wim Janssens, Ghislaine Gayan-Ramirez

11:45 **Inflammation of airways and results of 6-MWT at smokers with bronchial asthma.**
Anna Yurievna Smirnova (Ulyanovsk, Russian Federation), Valerii Victorovich Gnoevikh, Julia Anatolievna Shorohova

12:00 **Resistive breathing aggravates cigarette smoke-induced pulmonary inflammation.**
Eleftheria Mizi (ATHENS, Greece), Dimitrios Toumpanakis, Athanasia Chatzianastasiou, Vyronia Vassilakopoulou, Theodoros Vassilakopoulos

09:45 - 10:15

Session World Village: Presentation of the STRMA activities

09:45**10:30 - 11:00**

Session World Village: Latvian Pediatric Pneumonologists & Allergologists initiatives / innovations in 2017

10:30 Līga Berke (RIGA, Latvia), Lota Ozola (Saulkrasti, Latvia)**11:15 - 11:45**

Session World Village: Situation of pediatric asthma in Chile

11:15 Ana María Herrera Gana (Santiago, Chile)**13:30 - 14:00**

Session World Village: Polish Respiratory Society - education and science 2017-2018

13:30**14:15 - 14:45**

Session World Village: Pulmonology in Greece

14:15**15:00 - 15:30**

Session World Village: A growing network between societies and communicative collaborations to construct the future, the perspective of Turkish Thoracic Society

15:00**15:45 - 16:15**

Session World Village: Educational and Research activity for Respiratory Medicine in Kyrgyzstan

15:45

10:30 - 11:00

Session World Village: Title TBC

10:30

10:30 - 11:00

Session World Village: Introduction of the Japanese Respiratory Society (JRS) and the official Journal "Respiratory Investigation"

10:30

12:00 - 12:30

Session World Village: Romanian Society of Pneumology initiatives to improve lung cancer diagnosis in Romania

12:00

13:30 - 14:00

Session World Village: Regional educational initiatives of Russian Respiratory Society

13:30

14:15 - 14:45

Session World Village: Title TBC

14:15

15:00 - 15:30

Session World Village: Title TBC

15:00

16:00 - 16:30

Session World Village: Come to Brazil to breathe the purest air of the world!

16:00

09:00 - 09:30

Session World Village: Overview on activities of APSR Team in the Asian Pacific region

Overview on activities of APSR Team in the Asian Pacific region'

09:00 Kwun Fong (Brisbane, QLD, Australia), Roslina Abdul Manap (Kuala Lumpur, Malaysia), Phan Thu Phuong (Hà Nội, Vietnam)

09:45 - 10:15

Session World Village: Title TBC

09:45

10:30 - 11:00

Session World Village: Awareness of particular respiratory problems in China

10:30

11:15 - 11:45

Session World Village: Pediatric Pneumology and SIMRI's role in Italy

11:15



INDUSTRY SPONSORED SESSIONS

DISCLAIMER: THE PRACTICAL WORKSHOPS, EVENING SYMPOSIA, EVENING MINI-SYMPOSIA, EVENING EXPERT FORUM SESSIONS AND EARLY MORNING SYMPOSIA ARE ORGANISED BY INDUSTRY. YOU CANNOT CLAIM CME CREDITS FOR ATTENDING THESE SESSIONS.

■ SUNDAY 10 SEPTEMBER, 2017

13:15-14:30

Industry Practical Workshop : HandsOn FeNO How to Use Nitric Oxide as Biomarker in the Diagnosis and Management of Respiratory Diseases

Organised by CIRCASSIA

13:15-14:30

Industry Practical Workshop : Cardiopulmonary Exercise Testing: A versatile tool in clinical diagnostics

Organised by GANSHORN Medizin Electronic GmbH

13:15-14:30

Industry Practical Workshop : Flexible and Rigid Bronchoscopy in Adults

Organised by Karl Storz GmbH & Co.KG

13:15-14:30

Industry Practical Workshop : Target ventilation in life support and NIV setup in COPD

Organised by ResMed

13:15-14:30

Industry Practical Workshop : PAP treatment 2.0: innovative technologies and connected care

Organised by ResMed

13:15-14:30

Industry Practical Workshop : Updates on chronic use of Optiflow nasal high flow in COPD

Organised by Fisher & Paykel Healthcare SAS

13:15-14:30

Industry Practical Workshop : Recent Developments in EBUS-TBNA and Peripheral Diagnostics

Organised by OLYMPUS EUROPA SE & CO. KG

17:15-19:15

Industry evening symposium : PAH Timely and effective decisions in clinical practice

Organised by Actelion Pharmaceuticals Ltd

17:15-19:15

Industry evening symposium : Disease modification in asthma management*Organised by ALK***17:15-19:15****Industry evening symposium : Early intervention and physical activity: new approaches in COPD***Organised by AstraZeneca & Menarini Group***17:15-19:15****Industry evening symposium : Looking to the future: How can we improve clinical practice in COPD?***Organised by Boehringer Ingelheim Pharma GmbH & Co. KG***17:15-19:15****Industry evening symposium : Addressing the challenges of IPF treatment***Organised by F. Hoffmann-La Roche Ltd***17:15-19:15****Industry evening symposium : Mind the gap: defining effectiveness from populations to everyday practice and patients***Organised by GlaxoSmithKline***17:15-19:15****Industry evening symposium : Are we seeing a renaissance of aerosol inhalers in asthma?***Organised by Mundipharma International Ltd***17:15-19:15****Industry evening symposium : From prevention to disease modification: exploring omalizumab in allergic asthma***Organised by Novartis Pharma AG***17:15-19:15****Industry evening symposium : How new approaches and technologies will transform respiratory care***Organised by Teva Branded Pharmaceutical Products R&D, Inc***17:30-19:00****Industry evening mini symposium : Metered Cryospray Targeting the Mucus and Inflammation in**

Chronic Bronchitis

Organised by CSA Medical

17:30-19:00

Industry evening mini symposium : Vaccination: a tool for managing risk for respiratory disease patients.

Organised by GlaxoSmithKline Vaccines

17:30-19:00

Industry evening mini symposium : Paving the way to personalized medicine in COPD and AATD

Organised by Grifols

17:30-19:00

Industry evening mini symposium : Interactive Symposium: Advanced Learnings for Optimising Coil Therapy Outcomes in Severe Emphysema.

Organised by PneumRx Ltd, a BTG International group company

17:30-19:00

Industry evening mini symposium : EBUS 2017 - New Perspectives

Organised by PENTAX Europe GmbH & HITACHI Medical Systems

■ MONDAY 11 SEPTEMBER, 2017

07:00-08:15

Industry early morning symposium : The New Era of Bronchoscopic Treatment for Lung Disease is Here Now

Organised by Broncus Medical, Inc.

13:15-14:30

Industry Practical Workshop : Bronchial Thermoplasty: The Tipping Point

Organised by Boston Scientific International SA

13:15-14:30

Industry Practical Workshop : Hands On Session on Interventional Pulmonology

Organised by FUJIFILM

13:15-14:30

Industry Practical Workshop : superDimension Electromagnetic Navigation Bronchoscopy; Bridging the Diagnostic and Therapeutic Domains in Lung Cancer.

Organised by Medtronic

13:15-14:30

Industry Practical Workshop : Impact of the newDLCO standards (ERS/ATS 2017)on clinical use

Organised by ndd Medizintechnik AG

13:15-14:30

Industry Practical Workshop : Endoscopic Coil Treatment in Severe Emphysema Patients.

Organised by PneumRx Ltd, a BTG International group company

13:15-14:30

Industry Practical Workshop : Narval CC oral appliance, an innovative and proven alternative to CPAP therapy

Organised by ResMed

13:15-14:30

Industry Practical Workshop : Target ventilation in life support and NIV setup in COPD

Organised by ResMed

17:15-19:15

Industry evening symposium : Severe Asthma: Emerging Science in the Eosinophilic Phenotype
Organised by AstraZeneca

17:15-19:15

Industry evening symposium : Which patients, which therapy for symptomatic asthma in 2017. Is personalised medicine the ultimate goal?
Organised by Boehringer Ingelheim Pharma GmbH & Co. KG

17:15-19:15

Industry evening symposium : Fibrosing Interstitial Lung Diseases (ILD): Knowns and Unknowns
Organised by Boehringer Ingelheim Pharma GmbH & Co. KG

17:15-19:15

Industry evening symposium : COPD is confusing: using evidence to help my patients
Organised by GlaxoSmithKline

17:15-19:15

Industry evening symposium : Emerging Landscape of PAH and CTEPH Management
Organised by Merck Sharp & Dohme Corp.

17:15-19:15

Industry evening symposium : Advancing COPD treatment strategies with evidence-based approaches
Organised by Novartis Pharma AG

17:15-19:15

Industry evening symposium : Evolving Concepts in Asthma with Type 2 Inflammation: the Role of Biologics
Organised by Sanofi Genzyme

17:15-19:15

Industry evening symposium : Management of severe eosinophilic asthma in the biologics age: what does the patient journey look like?
Organised by Teva Branded Pharmaceutical Products R&D, Inc

17:30-19:00

Industry evening mini symposium : Transitioning clinical data into patient care recent real-life experiences with Alpha-1

Organised by CSL Behring GmbH

17:30-19:00

Industry evening mini symposium : A PAH patient journey: risk assessment, treatment and ongoing management. An interactive symposium.

Organised by GlaxoSmithKline

17:30-19:00

Industry evening mini symposium : Non-CF bronchiectasis with Pseudomonas aeruginosa chronic infection: New Solutions Toward Patient Benefits

Organised by Grifols

17:30-19:00

Industry evening mini symposium : Reducing COPD Readmissions: Across the Continuum of Care

Organised by Philips

17:30-19:00

Industry evening mini symposium : How to Manage Severe Emphysema Patients? New Clinical Evidence and Recommendations.

Organised by Pulmonx International Sàrl

17:30-19:00

Industry evening mini symposium : How home therapy devices can improve outcome for COPD patients:portable oxygen therapy and non-invasive ventilation

Organised by ResMed

■ TUESDAY 12 SEPTEMBER, 2017

13:15-14:30

Industry Practical Workshop : Medical Thoracoscopy

Organised by Karl Storz GmbH & Co.KG

13:15-14:30

Industry Practical Workshop : Personalised sleep therapy and the future role of the patient in the management of chronic respiratory diseases

Organised by ResMed

13:15-14:30

Industry Practical Workshop : What Is New in Endoscopic Lung Volume Reduction?

Organised by Olympus Europa SE & Co. KG

13:15-14:30

Industry Practical Workshop : MECHANICAL IN- EXSUFFLATION:New concepts and future perspectives

Organised by SIARE ENGINEERING INTERNATIONAL GROUP S.R.L.

13:15-14:30

Joint ERS - Industry Session : Advances in Inhaler technology - intuitive design and better drug delivery.

Organised by ERS, Novartis Pharma AG, GlaxoSmithKline Services Unlimited, Boehringer Ingelheim Pharma GmbH & TEVA Pharmaceuticals Europe BV

17:15-19:15

Industry evening symposium : Successful asthma management: Mission accomplished or time for a reappraisal?

Organised by AstraZeneca

17:15-19:15

Industry evening symposium : Individualized care for our COPD patients: Can we be the architects of a better tomorrow?

Organised by Boehringer Ingelheim Pharma GmbH & Co. KG

17:15-19:15

Industry evening symposium : The renaissance of effective respiratory care

Organised by Chiesi Farmaceutici S.p.A.

17:30-19:00

Industry evening expert forum : A modern nebulizer for an established drug: Breelib meets Iloprost

Organised by Bayer AG

17:30-19:00

Industry evening expert forum : The increasing spectrum of recognition of RSV infection in infants, the elderly and patients with COPD

Places at the Janssen Global's Industry Expert Forum are limited and attendance is by registration only. To register your interest, please send a request including your name and institution to Janssen Global:

RSVexpertforum@zoeticsscience.com

Organised by JANSSEN GLOBAL SERVICES, LLC

17:30-19:00

Industry evening expert forum : Novel Ways to Enhance Slow Wave Sleep

Organised by Philips

17:30-19:00

Industry evening expert forum : Meaningful Measurements: Assessing Techniques to Identify Structural and Functional Lung Changes in Cystic Fibrosis (CF) and Non-CF Bronchiectasis

Organised by Vertex Pharmaceuticals (Europe) Limited

17:30-19:00

Industry evening mini symposium : Treating COPD and Asthma with Targeted Lung Denervation

Organised by Nuaira

17:30-19:00

Industry evening mini symposium : The challenge of nontuberculous mycobacterial lung disease (NTM-LD) - Raising Awareness and Improving Management

Organised by Insmid Incorporated

17:30-19:00

Industry evening mini symposium : Bringing Mepolizumab into the clinic

Organised by GlaxoSmithKline