

Scientific Programme NeuroGASTRO 2021 – Digital Meeting

THURSDAY, SEPTEMBER 02nd, 2021

Room	Main Room	Room 01	Room 02
Time CET			
	POSTGRADUATE COURSE - SESSION 1		
	How I perform (Chair: Serhat Bor)		
08.30	Oesophageal manometry/HRM/24hr pH (Mark Fox)		
08.50	Gastric and small bowel motility (Anthony R. Hobson)		
09.10	Anorectal manometry (Emma Carrington)		
09.30	POEM (Sarveson Rajkumar)		
	09.50 Coffee break		
	POSTGRADUATE COURSE - SESSION 2		
	How I investigate and manage (Chair: Luis Novais)		
11.00	Difficulty of swallowing (Frank Zerbib)		
11.20	Abdominal bloating (Fernando Azpiroz)		
11.40	Diarrhoea (Goran Hauser)		
12.00	Constipation (Maura Corsetti)		
	12.20 Lunch (Posters 13.00 – 13.15)		
	PLENARY 1 - Opening Ceremony		
	(Chairs: Daniel Pohl, Drug Vasile, Adam D. Farmer)		
14.00	Welcome address and opening ceremony (Qasim Aziz)		
14.15	Lifetime Achievement Award State of the Art (David Grundy)		
14.45	Best Abstract - Basic Science: The many faces of Wnt: a regulator of proliferation, differentiation, and cell death in the enteric nervous system (Peter Neckel)		
15.00	State of the Art - Basic Science: Models of Visceral Pain (Beverley Greenwood)		
	15.30 Coffee break	15.30 Coffee break	15.30 Coffee break
	SYMPOSIUM 1 - GORD	SYMPOSIUM 2 - NEUROGASTRO RESEARCH AT THE CUTTING EDGE	SYMPOSIUM 3 - IMAGING & THE EVALUATION OF DYSMOTILITY
	(Chairs: Edoardo V. Savarino, Daniel Sifrim)	(Chairs: Daniel Keszthelyi, Dan Dumitrascu)	(Chairs: Alex Menys, Katja Kovacic)
16.00	Pathophysiology of GORD: Where Are We? (Daniel Sifrim)	16.00	Imaging the Stomach (Heather Fitzke)
16.30	NGS15526-91 Prevalence and Risk Factors of Gastroesophageal Reflux Disease in Bulgaria: an internet-based survey (Radislav Nakov)	16.00	NGS15553-91 Retention of Small Bowel Video Capsule Endoscopy - Experience of an Irish Tertiary Referral Centre (Stofra Bennett)
16.45	Refractory GORD: How to Manage (Frank Zerbib)	16.30	Imaging the Small Bowel (Catharina Sophia De Jonge)
17.15	NGS15594-96 Elevated Cytokine Response in Reflux Hypersensitivity (Pelin Ergun)	16.30	NGS15474-93 When gut feelings teach the brain to fear pain: Context-dependent interoceptive pain-related learning and extinction in experimental visceral pain (Adriane Icenhour)
17.30	Diagnosis of GORD: Are We Progressing? (Gyawali Prakash)	16.45	Imaging the Colon (Caroline Hoad)
	18.00 Diagnostic testing of esophageal motility – State of the Art 2021	16.15	
	Introduction Mark Fox	16.15	NGS15372-90 Sleep quality and insomnia are associated with a lower quality of life in functional dyspepsia (Fabien Wuestenberghs)
	The Chicago Classification version 4.0 (Chair: Peter Kahrlas)	16.30	NGS15491-92 Irritable bowel syndrome and comorbid conditions: Relevance for symptoms and quality of life? (Elias Immanuel Ordell Sundelin)
18.10	The first 10 years of the Chicago Classification (Rena Yadlapati, John E. Pandolfino)	16.45	NGS15496-97 In silico-based synergy assessment of the standardized herbal combination STW 5-II in functional dyspepsia (Gudrun Ullrich-Merzenich)
18.40	Protocol: how does it move the field forward? (Nathalie Rommel, Mark Fox)	17.00	NGS1552489 Distinctive plasticity of enteric glial cells in the jejunal mucosa of diarrhoea-prone Irritable Bowel Syndrome patients with and without bile acid diarrhoea (Mercé Albert-Bayo)
19.10	Diagnosis of Achalasia and EGJ Obstruction (Arjan Bredenoord, Dustin Carlson)	17.15	NGS15581-92 Long-term clinical efficacy and GERD rate of per-oral endoscopic myotomy (POEM) in the treatment of esophageal motility disorders: a systematic review and meta-analysis (Gaia Pellegatta)
19.40	Diagnosis of Peristaltic Disorders (Rami Sweis)	17.30	NGS15576-96 Network Modelling in Chronic Constipation (Rebekah Rajiah)
20.10	Panel Discussion* (Moderators: John E. Pandolfino, Mark Fox)	17.45	NGS15538-94 Gastrointestinal Permeability and Exercise intensity: Implications for anxiety and the gut-brain-axis (Jason Martin)
	The Lyon Classification v 1.0: Towards a Conclusive Diagnosis of Gastro-Esophageal Reflux Disease (Chair: Daniel Sifrim)	18.00	
20.40	The Lyon Classification v 1.0: Integrating diagnostic methods (Sabine Roman)		
21.10	Advanced Analysis of pH-Impedance Studies for GERD (Diagnosis (Nicola De Bortoli, Edoardo V. Savarino)		
21.40	Bringing it all together: from Diagnosis to Management of Esophageal Disorders (Gyawali Prakash, Geoff Kohn)		
22.10	Where do we go from here? (Taher Omari, Michael Vaezi)		
22.40	Panel Discussion* (Moderators: Ronnie Fass, Daniel Sifrim)		
22.55			

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FRIDAY, SEPTEMBER 03rd, 2021

Room	Main Room	Room 01	Room 02
Time CET			
09.00	PLENARY 2 (Chairs: Giovanni Barbara, Qasim Aziz) Local immune response to food antigens and their relation to meal-induced abdominal pain (Guy Boeckxstaens)		
09.30	Best abstract - Translational Science: Prediction of response to a gluten-free diet in IBS (Joost Algeza)		
09.45	Best abstract - Clinical Science: Efficacy and timing of a blinded powder reintroduction in IBS patients on a low FODMAP diet (Karen Van den Houte)		
10.00	Psychological factors in IBS/FGID (Magnus Simren)		
10.30	Coffee break	10.30 Coffee break	10.30 Coffee break
11.00	SYMPOSIUM 4 - CLINICAL MANAGEMENT OF FAECAL INCONTINENCE AND CONSTIPATION (Chairs: Mark Scott, Natalia Zarate-Lopez) Epidemiology of, and risk factors for pelvic floor disorders (Susanna Walter)	SYMPOSIUM 5 - GENETICS IN FGID (Chairs: Mauro D'Amato, Alexandra Zernakova) 11.00 GWAS in FGIDs - Quo vadis? Experiences from the Bellygenes Team (Mauro D'Amato)	SYMPOSIUM 6 - OPIOIDS AND THE GI TRACT (Chairs: Adam D. Farmer, Asbjørn M. Drewes) 11.00 Basic Aspects of Opioids (Peter Holzer)
11.30	Poster of Distinction - High Amplitude Propagating Contractions Triggered by Bisacodyl Versus Glycerin: A Within-Subject Comparative Study (Sherief Mansi)	11.30 NGS15373-91 RNA Sequencing of the Oesophageal Mucosa of Patients with Heartburn Identifies Dendritic Cell Population in Functional Heartburn (Ahsen Ustaoglu)	11.30 NGS15571-91 Contractility patterns and gastro-intestinal movements monitored by a combined magnetic tracking and motility testing unit: a single case pilot study (Mark Esben Bolvig)
11.45	New insights into the pathophysiology of faecal incontinence: challenging dogma (Charles Knowles)	11.45 Epigenetics in IBS - Status quo (Lin Chang)	11.45 What can experimental models of OIC in humans add? (Asbjørn M. Drewes)
12.15	Contemporary investigation and management of chronic constipation (Ugo Grossi)	12.15 Gut microbiome, host genetics, and gut health (Alexandra Zernakova)	12.15 Management of Opioid induced Constipation (Adam D. Farmer)
12.45	Lunch (Posters 12.45 – 13.00)	12.45 Lunch (Posters 12.45 – 13.00)	12.45 Lunch (Posters 12.45 – 13.00)
13.15	INDUSTRY LUNCH SYMPOSIUM		
	SYMPOSIUM 7 - TRAINEES SYMPOSIUM (Chair: James Ruffell) 14.00 The Rome Process (Jan Tack) 14.15 How to Get Published in NGM (Stephen Vanner) 14.30 Top Tips on How To Excel as a Basic Scientist in NG&M (Kirsteen Browning) 14.45 Top Tips on How to Excel as a Clinical Scientist in NG&M (Daniel Pohl) 15.00 Trainees Prize: Impact of ciprofloxacin exposure on small bowel excitatory and inhibitory neuromuscular pathways in young adult mice (Silvia Cerantola) 15.15 How To Write a Successful Grant Application (Maura Corsetti)	SYMPOSIUM 8 - VISCERAL PAIN MECHANISMS (Chairs: Madusha Peiris, David Reed) 14.00 Role of microbiota on visceral pain mechanisms (Siobhain O'Mahony) 14.30 NGS15045-87 Direct optogenetic stimulation of smooth muscle cells to control gastric contractility (Markus Vogt) 14.45 NGS15544-91 IL-1-dependent enteric gliosis guides intestinal inflammation by modulating macrophage activation (Reiner Schneider) 15.00 Opioid receptors in visceral pain pathways: new therapeutic targets (Nestor N Jimenez-Vargas)	SYMPOSIUM 9 - OVERLAP DISORDERS IN NEURO-GASTROENTEROLOGY (Chairs: Christina Brock, Adam D. Farmer) 14.00 Rheumatology - Joint Hypermobility and EDS (Asma Fikree) 14.30 Neurology - Parkinson manifestations in the Gut (Roberto De Giorgio) 15.00 Diabetes - Motility Disturbances in Diabetes (Christina Brock)
15.30	Coffee break	15.30 Coffee break	15.30 Coffee break
	SYMPOSIUM 10 - EUROPEAN GUIDELINES ON GASTROPARSIS & FD (Chairs: Jan Tack, Hans Tornbolm) 16.00 FD Guidelines (Agata Mulak) 16.45 Beyond the FD Guidelines (Jolien Schol) 17.30 Gastroparesis Guidelines (Jan Tack) SATELLITE SYMPOSIUM - The London Classification: Diagnostic testing of anorectal function - state of art 2021 (Chair: Henriette Heinrich) 18.00 The long road from Chicago to London: developing a consensus classification for diagnosis of disorders of anorectal function (Mark Fox) 18.10 The London Classification: how does it move the field forward? (Emma Carrington) 18.40 What is missing in the London Classification? (Anton Emmanuel) 19.00 Where do we go from here? (Francois Mion) 19.20 Panel Discussion* (Moderator: Charles Knowles) What are the best tests available for the assessment of evacuation disorders? (Chair: Emma Carrington) 19.30 It's manometry and the balloon expulsion test! (Henriette Heinrich) 19.50 It's defecography! (Francesca Maccioni) Putting it all together: Identifying the causes of anorectal symptoms 20.10 Identifying the causes of symptoms: phenotypic variation in faecal incontinence (Natalia Zarate-Lopez) 20.30 Identifying the causes of symptoms: phenotypic variation in constipation (Rebecca Burgell) 20.50 Panel Discussion* (Moderator: Maura Corsetti) 21.00	SYMPOSIUM 11 - MICROBIOTA (Chairs: Niall Hyland, Siobhain O'Mahony) 16.00 Microbiota-Gut-Brain Axis (Gerard Clarke) 16.30 NGS15521-86 Decoding Early-Life Stress-induced Comorbidities: Susceptibility to Different Domains of Altered Microbiota-Gut-Brain Axis Signaling (Valentina Caputi) 16.45 TLR receptors and Parkinson's Disease (Aletta Kraneveld) 17.15 NGS15495-96 Integrated faecal microbiome-metabolome signatures reflect stress and serotonin metabolism in Irritable Bowel Syndrome (Zlatan Mujagic) 17.30 Microbial metabolite-ENS interactions (Pieter Vanden Berghe, Candice Fung) 18.00	SYMPOSIUM 12 - CLINICAL TRIALS - WHAT'S HOT & WHAT'S NEW (Chairs: Frank Zerbib, Jordi Serra) 16.00 What's New in IBS (Alexander Ford) 16.30 NGS1548696 Placebo response in pharmacological trials in patients with functional dyspepsia - a systematic review and meta-analysis (Daniel Keszthelyi) 16.45 What's New in Achalasia (Arjan Bredenoord) 17.15 NGS15542-89 Symptoms and duodenal mucosal integrity of functional dyspepsia patients are improved by the low FODMAP diet (Karen Van den Houte) 17.30 What's New in GORD (Ronnie Fass) 18.00

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SATURDAY, SEPTEMBER 04TH, 2021

Room	Main Room	Room 01	Room 02
Time CET	<p>SYMPOSIUM 13 - ROME FOUNDATION (Chairs: Jan Tack, Magnus Simen)</p> <p>09.00 Rome Foundation: current and future activities (Jan Tack)</p> <p>09.30 Food and reactions to food (Magnus Simen)</p> <p>09.50 Infection and microbiota (Giovanni Barbara)</p> <p>10.10 Neurotransmitters (Jan Tack)</p>	<p>SYMPOSIUM 14 - A BREATH OF FRESH AIR: INTRODUCING THE FIRST CONSENSUS EUROPEAN GUIDELINES FOR HYDROGEN AND ¹³C BREATH TESTING (Chairs: Jutta Keller, Heinz Florian Hammer)</p> <p>10.30 Welcome (Heinz Florian Hammer)</p> <p>Testing and Treating Carbohydrate Malabsorption and Intolerance</p> <p>10.35 Referral for breath tests: which patients and which tests? (Jutta Keller)</p> <p>10.50 Carbohydrate malabsorption and intolerance testing: Performance and Interpretation (Johann Hammer)</p> <p>11.05 Carbohydrate malabsorption and intolerance testing: Clinical relevance (Heinz F. Hammer)</p> <p>11.20 Dietary treatment of food intolerance: what is (still) on the menu? (Miranda Lomer)</p> <p>11.30 Small intestinal bacterial overgrowth: which patients and which tests? (Loris Lopetuso)</p> <p>11.45 ¹⁴C-breath tests: sophisticated methodology, simple performance (Paul Afolabi)</p> <p>12.00 ¹³C-breath tests: disorders of gastric function and H. pylori infection (Kristin Verbeke)</p> <p>12.15 ¹³C-breath tests: pancreatic function and novel applications (J. Enrique Dominguez-Muñoz)</p> <p>12.30 Assessment of intestinal motility and transit: which technology provides the information we need? (Carolina Malagelada)</p> <p>12.45 Discussion Q&A* (Moderator: Mark Fox)</p>	<p>10.30 Coffee break</p>
	<p>12.45 Lunch (Posters 12.45 – 13.00)</p> <p>SYMPOSIUM 16 - CLINICAL MANAGEMENT OF PATIENTS WITH SWALLOWING AND REFLUX SYMPTOMS (Chairs: Mark Fox, Martin Buckley)</p> <p>14.00 Clinical investigation of oesophageal symptoms: who and when to refer, and for what test? (Rami Sweis)</p> <p>14.30 Identifying the causes of symptoms and directing effective treatment: pharyngeal and oesophageal motility disorders (Nathalie Rommel)</p> <p>15.00 Identifying the causes of symptoms and directing effective treatment: it's not always reflux disease (Edoardo V. Savarino)</p> <p>CLOSING CEREMONY & PRICE GIVING (Chair: Drug Vasile)</p> <p>15.30 CLOSING CEREMONY (Oasim Aziz)</p> <p>16.15</p>	<p>SYMPOSIUM 17-ADVANCES IN BASIC NEUROGASTROENTEROLOGY (Chairs: René van den Wijngaard, Benedicte de Winter)</p> <p>14.00 Mucins in barrier function (Annetieke Smet)</p> <p>14.30 Epithelial neuronal communication (Kathryn Albers)</p> <p>15.00 Enteric Glial Cells in Intestinal Homeostasis, Immunity and Tissue Repair (Vassilis Pachnis)</p> <p>15.30</p>	<p>SYMPOSIUM 15 - ELECTRICAL STIMULATION IN FGID (Chairs: Bruno Bonaz, Guillaume Gourcerol)</p> <p>11.00 Recent Advances on Gastric Electrical Stimulation (Hans Tombolm)</p> <p>11.30 NGS15575-95 Transcutaneous Vagal Nerve Stimulation as a Potential Treatment in Functional Gastrointestinal Disorders: A Meta-Analysis of Neuroimaging Evidence (Rebekah Rajiah)</p> <p>11.45 NGS15551-89 Influence of sacral parasympathetic and thoracolumbar sympathetic nerve electrical stimulation on colonic motility in anesthetized Yucatan male pigs (Muriel Larauche)</p> <p>12.00 NGS15606-90 Antroduodenal contractile function is diminished in type 1 diabetes with autonomic dysfunction: A novel analysis from wireless motility capsule pressure recordings (Anne-Marie Wegeberg)</p> <p>12.15 VNS: potential therapeutic implications in GI diseases (Bruno Bonaz)</p>
			<p>12.45 Lunch (Posters 12.45 – 13.00)</p>

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