

PRELIMINARY PROGRAMME

Friday 08 September 2017

LLL Session

09:00– 13:00

Session 1: Nutritional Support in GI Diseases

The Compromised Gut
Challenges in Treating Intestinal Failure in Short Bowel Syndrome (After Extensive Gut Resections)
Nutritional Support in Gastrointestinal Fistulas
Nutritional Support in Inflammatory Bowel Diseases

LLL Session

09:00– 13:00

Session 2: ICU Nutrition and Problem Solving

How to maintain homeostasis by nutrition care in the ICU
More than choosing a route: enteral and parenteral nutrition
Repletion, supplementation and pharmaconutrition
Clinical priorities for solving complex ICU patients problems

LLL Session

09:00– 13:00

Session 3: Nutrition in the Perioperative Period

Metabolic Responses to Surgical Stress
Nutritional Goals in the Perioperative Period
Managing Surgical Stress: Principles of Enhanced Recovery and Effect on Outcomes
Making the Gut work

LLL Session

09:00– 13:00

Session 4: Nutrition in Obesity

Nutrition in the Prevention of Obesity
Non-surgical Interventions in Severely Obese Patients
Pre-operative Medical Assessment, Post-operative Follow-up and Clinical Outcome in Bariatric Surgical Patients
The Obesity Paradox - BMI and Beyond

LLL Session

14:00– 18:00

Session 5: Nutritional Support in Cancer

Mechanisms and Clinical Features of Cancer Cachexia
Nutritional Effects of Cancer Therapy and Potential Modulation of Tumor Growth
Benefits and Limitations of Conventional Nutritional Support for Cancer Patients
Pharmacological and Multimodal Therapy for Cancer Cachexia

LLL Session
14:00– 18:00 **Session 6: Nutrition in Metabolic Syndrome**

Diagnostic Criteria for Metabolic Syndrome
Insulin Resistance: From Pathophysiology to Clinical Assessment
Lifestyle Interventions in Metabolic Syndrome
Drug Therapy beyond Lifestyle is it Cost Effective for Metabolic Syndrome?

LLL Session
14:00– 18:00 **Session 7: Nutrition and Prevention of Diseases**

Nutrition in the Prevention of Neurological Diseases
Nutrition in the prevention of cardiovascular diseases

LLL Session
14:00– 18:00 **Session 8: Nutrition in Neurological Diseases**

Nutritional and Metabolic Consequences of Neurological Diseases
Nutritional Support in Acute Neurological Diseases
Nutritional support in stroke
Nutritional support in chronic neurological diseases

LLL Session
14:00– 18:00 **Session 9: Nutrition in Older Adults**

Epidemiology, aetiology and consequences of malnutrition in Older Adults
Age related Sarcopenia
Nutritional Screening, Assessment and Diagnosis.
Dietary Advice and Oral Nutritional Supplements in Older Adults
Artificial Nutrition in Older Adults

Saturday 09 September 2017

LLL Session
09:00– 13:00 **Session 10: Nutrition and Sports**

Energy Balance Regulation: Effects of Exercise
Nutrition for Endurance Sports
Nutrition for Strength and Power Sports
Physical Activity in Chronic Diseases

LLL Session
09:00– 13:00 **Session 11: Approach to Oral and Enteral Nutrition**

Indications, Contraindications, Complications and Monitoring of EN
Oral and Sip Feeding
Formulae for Enteral Nutrition

Techniques of Enteral Nutrition

LLL Session

09:00– 13:00

Session 12: Home Parenteral Nutrition in Adult Patients

Indications and outcome

Training and Monitoring

Venous access and line complications

Metabolic complications of home parenteral nutrition and indications for intestinal transplantation in chronic intestinal failure

LLL Session

09:00– 13:00

Session 13: Approach to Parenteral Nutrition

Indications and Contradictions for Parenteral Nutrition

Techniques of Parenteral Nutrition

Compounding , Drugs and Nutritional Admixtures in Parenteral Nutrition

Monitoring and Complications of PN

LLL Session

09:00– 13:00

Session 14: Nutritional support in pediatric patients II

Nutrition in Infancy, and Childhood and prevention of adult diseases

Enteral Nutrition in Pediatric Patients

Parenteral Nutrition in Pediatric Patients

Principles of feeding in pediatric ICU

PROMISS /MaNuEL Symposium

10:00– 11:30

Tackling Malnutrition in older adults: novel insights from two EU projects

Introduction to two large EU projects on malnutrition in older adults: PROMISS and MaNuEL

The effectiveness of nutritional interventions in older adults across different health care settings: a pooled analysis of individual patient data from 10 randomized controlled trials

Timing of protein intake in relation to the risk of low protein intake in older adults

Poor dietary quality and long-term risk of incident malnutrition in older adults

Determinants of incident malnutrition in older persons: results of a multi-cohort meta-analysis

Educational Session

14:00– 15:30

ICU Guideline consensus meeting

Scientific Session

14:00– 15:30

Improving outcomes for cancer patients: dedicated to

Kenneth CH Fearon

Novel molecular targets for muscle recovery in older cancer patients
Optimal nutritional care during cancer treatment
New insights into enhanced recovery after cancer surgery

LLL Live Session

14:00– 15:30

LLL live course 1- Let's talk about nutrition (NESG)

TBA

Educational Session

14:00– 15:30

Novel approaches to optimize dietary intake in older adults

Encouraging protein intake through food modifications
Improving nutritional behaviour using e-health
Knowledge mismatch between professionals and older malnourished adults

Scientific Session

14:00– 15:30

The link between environment and energy metabolism

Diet, adipose tissue functions and energy metabolism
Cold acclimation, light exposure and energy metabolism
Tissue hypoxia and energy metabolism

15:30 – 16:00 Coffee Break

Scientific Session

16:00– 17:30

Debate: Saturated fat – harmful or harmless?

Scientific Session

16:00– 17:30

Metabolic pathways and muscle maintenance

Mitochondrial dysfunction in muscle wasting
Muscle recovery after acute illness
Efficacy of interventions targeting muscle in disease

Abstract Session

16:00– 17:30

Oral Communications I

Scientific Session

16:00– 17:30

Pediatrics

Nutritional strategies for prevention and treatment of NEC
Infant formula: does one size fit all?

Early life origins of obesity

16:00– 17:30 **Educational Session**
Using the gut in acute care patients

Therapeutic options for postoperative ileus in colorectal surgery
Perioperative enteral access
Permissive underfeeding in practice

17:30– 18:30 **Main Session**
Opening Session

18:30– 20:30 **Welcome Reception**

Sunday 10 September 2017

08:00– 10:00 **LLL Live Session**
LLL Live course 2 - Nutritional Support in Diabetes and Dyslipidemia

Medical Nutrition in Diabetes Mellitus 1
Nutritional Support in Diabetes Type I and Type II
Dyslipidemia: Targeting the management of cardiovascular risk factors
Prescription of Artificial Nutrition in Patients with Dyslipidemia

08:30– 10:00 **Educational Session**
Meeting nutritional needs of acute care patients

Fasting or feeding before chemotherapy
Micronutrients in parenteral nutrition
Feeding acute pancreatitis patients

08:30– 10:00 **Scientific Session**
Nutrition, bile acids and metabolic health

New insights in bile acid biology
Bile acids and brown adipose tissue
Bile acids after bariatric surgery

08:30– 10:00 **Abstract Session**
Oral Communications II

Abstract Session

08:30– 10:00 **Oral Communications III**

08:30– 12:30 **LLL Session**
TTT-LLL

A conceptual system to guide training at Virtual University of Clinical Nutrition
LLL History, structure, organization and plans for the future
Achievements of LLL programme
Access & Rules of LLL WEB-Portal
Logistics to plan an LLL life course and structure of a life course

10:00 – 10:30 Coffee Break

Main Session
10:30– 11:15 **Sir David Cuthbertson Lecture**

Amino acids and the regulation of protein metabolism

Main Session
11:15– 12:00 **ESPEN Best Abstracts 2017 & ESPEN Travel Awards**

TBA

Educational Session
12:30– 14:15 **Geriatrics Guideline consensus meeting**

12:00 – 13:30 Lunch & Poster Tours

LLL Live Session
13:30– 15:30 **LLL Live course 3 - Nutritional Assessment and Techniques, Body Composition and Energy Balance**

Nutritional Screening and Assessment
Body composition
Energy Balance

Educational Session
14:00– 15:30 **Altering lifestyle to improve nutritional status in older adults**

Impact of socioeconomic factors on nutritional status
Nutritional interventions to prevent and treat frailty
Exercise interventions to prevent and treat frailty

Scientific Session
14:00– 15:30 **Health consequences of fat storage**

Novel advances in imaging of fat tissue content and metabolism

Ectopic fat infiltration: metabolic and clinical consequences
Fat depletion by diet and bariatric surgery and improvement of co-morbidities

Scientific Session

14:00– 15:30

Scientific rationale for feeding or starving

Feed a cold, starve a fever?
Could fish oil be harmful in cancer patients?
Feeding critically ill patients - less or more?

Educational Session

14:00– 15:30

Specific needs of patients with chronic disease

Ketogenic Diets for Cancer Patients: Paradigm shift?
Drug – Nutrient interactions
The use of dietary supplements in cancer patients

15:30 – 16:00 Coffee Break

Scientific Session

16:00– 17:30

Nutrition and the gut microbiome

Population based metagenomics analysis
Gut microbial transplantation as a novel therapeutic tool
Microbiome-based nutritional interventions in obesity

Scientific Session

16:00– 17:30

Nutrition, metabolism and circadian rhythm

Maternal obesity during pregnancy alters offspring circadian rhythms and increases their risk to metabolic diseases
Nutritional reprogramming of the circadian clock
The relevance of chronobiology in ICU

Abstract Session

16:00– 17:30

Oral Communications IV

Educational Session

16:00– 17:30

Paediatric specificities of nutritional assessment

Nutritional screening and assessment in children
Body composition measurement in children
Swallowing assessment in children

Educational Session

16:00– 17:30

Taste and food intake in older adults

Sensory aspects of food intake
Chemosensory perception and malnutrition
Taste panel research: implications for clinical practice

Monday 11 September 2017

LLL Live Session

08:00– 10:00

LLL Live course 4 - Nutritional Support in Liver and Pancreatic diseases

Nutritional support in acute liver failure
Nutritional support in chronic liver disease
Nutritional Support in Acute Pancreatitis
Nutritional Support in Chronic Pancreatitis

Educational Session

08:30– 10:00

Hospital discharge: and now?

Scientific Session

08:30– 10:00

Microbiome beyond the gut

Does the gut microbiota control the lung tissue?
Influence of the gut microbiome on adipose tissue
How the gut controls the brain

Abstract Session

08:30– 10:00

Oral Communications V

Scientific Session

08:30– 10:00

Rehabilitation of the intestine

The role of nutrients in perfusion and microcirculation in septic patients
New nutritional therapies for enhancing intestinal function
How do recent clinical trials inform future research in the ICU?

10:00 – 10:30 Coffee Break

Main Session

10:30– 11:15

Arvid Wretling Lecture

The structured procedure of nutrition support: between dream and daily practice

Main Session

11:15– 12:15

ESPEN-ENHA-MNI Joint Session: Optimal Nutritional Care for

All – Innovative and Patient-Centric Care

Welcome

Addressing the needs of complex patients – Bridging medical, social and psychosocial care through better coordination :

- From feeding the body to feeding the person: Coordination of various carers/clinicians around the complex patient – from practice to policy
- Impact of clinical complexity and social factors on patients health

Innovating in health with new technologies and patient centered policies

- How can eHealth support better care ? (e.g., support screening at admission, in hospital, at discharge, at home or management of diabetes)

2017 MNI Grant winner

12:15 – 13:30 Lunch & Poster Tours

LLL Live Session

13:30– 15:30

LLL Live course 5 - Nutrition in Respiratory Diseases

Evidence based management of pulmonary cachexia
Obesity in chronic respiratory diseases: two sides of a coin
Nutritional modulation of metabolism in COPD; similarities with top sports?
The impact of exacerbations and hospitalization in COPD: New targets for nutritional intervention

Educational Session

14:00– 15:30

Case discussion: oesophagectomy

Scientific Session

14:00– 15:30

Interactions between nutrition and physical activity

Effect of sedentary behaviour on metabolic health and clinical outcomes
Validation of physical activity assessment methodologies
Modulation of muscle-brain axis by physical activity

Scientific Session

14:00– 15:30

Metabolic phenotyping in precision medicine

Phenotyping revisited through innovative statistical approaches
Capturing metabolic complexity in patients by imaging
Biomarker discovery and validation for nutrition research

Abstract Session

14:00– 15:30

Oral Communications VI

15:30 – 16:00 Coffee Break

Member Session

17:30– 19:00 **ESPEN General Assembly**

Tuesday 12 September 2017

Educational Session

08:30– 10:00 **Case discussion: bone marrow transplant**

Case on Hemato-oncology (allogeneic stem cell transplantation)

Scientific Session

08:30– 10:00 **ESPEN Research Fellowship**

Scientific Session

08:30– 10:00 **Metabolic consequences of disease co-existence**

Fat storage: NAFLD and type 2 diabetes

Wasting: Chronic kidney disease and COPD

Tryptophan metabolism: link between chronic disease and mental well-being

Abstract Session

08:30– 10:00 **Oral Communications VII**

Scientific Session

08:30– 10:00 **Sensory perception through the course of life**

Nutrient sensing and signalling in the gastrointestinal tract

Development of taste preferences in early life

Emerging role of sensory perception in aging

10:00 – 10:30 Coffee Break

Scientific Session

10:30– 12:00 **Clinical Nutrition Symposium**

Scientific Session

10:30– 12:00 **Nutrition and ageing**

Does calorie restriction prolong lifespan?

Do men and women age differently?

Biomarkers of accelerated ageing: are they influenced by nutrition?

10:30– 12:00

Scientific Session

Regulation of food intake and clinical applications

Mechanisms of altered food intake in anorexia

Brain fMRI approaches to evaluate and modulate appetite regulation in humans

Cognitive behavioral interventions and outcomes

10:30– 12:00

Educational Session

Specific nutritional care in children

Feeding the critically ill child

Maintaining good nutritional status in cerebral palsy

The role of food in children with functional gastrointestinal disorders

10:30– 12:00

Educational Session

Upcoming ESPEN Guidelines

Nutritional support in neurology

Polymorbid internal medicine inpatients guidelines

Nutritional support in liver diseases