# Programme Day by Day

## Friday 5 September 2014

<table>
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<tr>
<th>Time</th>
<th>Sessions/Activities</th>
<th>Room</th>
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<td>09:00 – 13:00</td>
<td>LLL Sessions (See LLL information section) – page 21</td>
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<tr>
<td>14:00 – 18:00</td>
<td>LLL Sessions (See LLL information section) – page 21</td>
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## Saturday 6 September 2014

### Special Interest Groups Meetings

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<tr>
<th>Time</th>
<th>Sessions/Activities</th>
<th>Location</th>
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<tr>
<td>09:00 – 10:00</td>
<td>Nutrition in geriatrics</td>
<td>Room V</td>
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<td>10:00 - 11:00</td>
<td>Anorexia and cachexia in Chronic Diseases</td>
<td>Room V</td>
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<tr>
<td>09:00 – 13:00</td>
<td>LLL Sessions (See LLL information section) – page 21</td>
<td>Hall V</td>
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<tr>
<td>12:00</td>
<td>Exhibition Opening</td>
<td>Hall 1</td>
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<tr>
<td>12:00 – 13:30</td>
<td>Satellite Symposium Abbott Nutrition Health Institute (programme p.55)</td>
<td>Room WX</td>
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<tr>
<td>12:00 – 12:30</td>
<td>Satellite Symposium Nestlé Health Science (programme p.55)</td>
<td>Room C</td>
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<tr>
<td>12:00 – 13:30</td>
<td>Satellite Symposium Aguettant Institute (programme p.55)</td>
<td>Room V</td>
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### 13:30 – 14:00 | Break

### 14:00 – 15:30

#### The Undesirable Weight Loss: Malnutrition in Bariatric Patients

- **A case discussion**
  - **Moderator:** A. Wernamn (DE)
  - **Panel of experts:**
    - F. Pralong (CH): Case presenter
    - A. Thorrell (SE): Surgeon
    - M. Berger (CH): Intensivist & Specialised in micronutrients
    - A. Bosy-Westphal (DE): Nutritionist
    - A. Parri Bonnet (ES): Nutritionist
    - P. Austin (UK): Pharmacist
    - G. Sacks (US): Pharmacist

#### Lost in Translation from Mice to Humans?

- **Moderator:** N.E.P. Deutz (US) & P. Calder (UK)
  - The theory and practice of “One Health”
  - J. Zinsstag (CH)
  - New plasma biomarkers of muscle loss
  - V. Baracos (CA)
  - Fructose and metabolic syndrome (mice)
  - L. Tappy (CH)

#### Oral Communications 1: Critical Care

- **Moderators:** A. van Gossum (BE) & R. Kressig (CH)
  - **OP001** BMI, Nutrition Care and Outcome in the Critically Ill: Nutrition Day ICU 2007-2013
    - M. Hiesmayr* (AT) - P. Singer - M. Mouhieddine - C. Schuh and nutrition Day Research Group
  - **OP002** Enteral Glutamine Administration Increases Urea Production
    - D. P. J. Van Dijk* (NL) - S. W. M. Olde Damink - C. H. C. Dejong - M. C. G. van der Poll
  - **OP003** Plasma Vitamin C in Critically Ill Patients is Related to Organ Dysfunction and Mortality
    - H. de Grooth* (NL) - A. Spoelstra-de Man - M. de Waard - H. Oudemans-van Straaten
  - **OP004** Identifying Critically-Ill Patients who Will Benefit Most from Nutritional Therapy: Further Validation of the “Modified Nutric” Nutritional Risk Assessment Tool
    - A. Rahman* (CA) - C. Martin - R. Agarwala - D. K. Heyland
PROGRAMME DAY BY DAY

14:00 – 15:30
HOT TOPICS SESSION
Moderator: C. Pichard (CH) & T. Cederholm (SE)
- Education as Medicine
  A. Golay (CH)
- Enhancing understanding of the intestinal immunological response to parenteral nutrition
  D. Teitelbaum (US)
- The WHO vision for dealing with global nutrition problems
  J. Breda (DK)

15:30 – 16:00
Coffee break
Exhibition Area

16:00 – 17:30
BEYOND GASTRONOMY: FUNCTIONAL FOOD WITH A SWISS FLAVOR
Moderators: P. Ballmer (CH) & Z. Stanga (CH)
- CHocolate: the bitter taste of health improvement
  P. Ballmer (CH)
- CHeese: impacting clinical outcomes by modulation of dietary lipids
  M. Reiner (CH)
- CHateau ESPEN 2014: red wine vs Resveratrol supplementation, time to revisit the issue
  R. Darioli (CH)

16:00 – 17:30
ADULT HEALTH CONSEQUENCES OF FOOD CHOICES AND EXPOSURE IN CHILDHOOD
Moderators: R. Shamir (UK) & R. Thibault (CH)
- Plastic Panic — endocrine disruptors and their affects on animals and humans
  K. Amrein (AT)
- Long term impact of early dietary exposures on later chronic diseases: existence and mechanisms
  K. Godfrey (UK)
- Sugar-sweetened consumption and obesity
  S. Bucher della Torre (CH)

16:00 – 17:30
NUTRITIONAL ISSUES IN GERIATRICS
Moderators: C. Sieber (DE) & R. Kressig (CH)
- Sex hormones and sarcopenia in older persons
  M. Maggio (IT)
- Modulation of motility by food composition
  T. Cederholm (SE)
- Role of amino acid supplements in maintaining physical function
  Y. Boirie (FR)

16:00 – 17:30
ORAL COMMUNICATIONS 2: CANCER AND CHRONIC DISEASES
Moderators: D. Lobo (UK) & Y. Dupertuis (CH)
OP007 AUTOPHAGY IS INDUCED IN THE SKELETAL MUSCLE IN HUMAN CANCER CACHEXIA
Z. Aversa* (IT) - F. Pin - S. Lucia - F. Penna - R. Verzaro - G. Vuolo - F. Rossi Fanelli - P. Costelli - M. Muscaritoli
OP008  BODY COMPOSITION BY COMPUTED TOMOGRAPHY AS A PREDICTOR OF TOXICITY TO DOCETAXEL CHEMOTHERAPY IN PATIENTS WITH METASTATIC PROSTATE CANCER.

OP009  ONCONUT : NUTRITIONAL CARE OPTIMIZATION FOR CANCER PATIENTS

OP010  PROVIDING IN-BETWEEN MEALS DURING HEMODIALYSIS TREATMENT SIGNIFICANTLY IMPROVES PROTEIN- AND ENERGY INTAKE IN HEMODIALYSIS PATIENTS
F. Neelemaat* (NL) - T. Struijk-Wielinga - T. Slieker - M. Koolen - P. ter Wee - P. Weijts

OP011  THE COMBINATION OF LOW FAT-FREE MASS AND HIGH FAT MASS IS RELATED TO FUNCTIONAL OUTCOME AND SYSTEMIC INFLAMMATION IN PATIENTS WITH COPD

OP012  THE HIGHER THE FAT-FREE MASS INDEX (FFMI), THE LOWER IS THE RISK OF MORTALITY IN 2964 SUBJECTS AGED OVER 65 YEARS

17:45 – 19:00  OPENING CEREMONY
Moderator: R. Meier (CH)  P. Singer (IL)  H. Bounameaux (CH)
OPENING LECTURE
Why we are not the slaves of our genes
G. Schatz (CH)

19:00 – 22:00  SURPRISE AND WELCOME PARTY
Hall 1, Exhibition

TIME  SUNDAY 7 SEPTEMBER 2014  SPEAKERS  ROOM

07:30-08:30  Nutrition Day  Room F
07:30-08:30  ESPEN guidelines development group in nutritional support in neurodegenerative disorders  Office 6
07:30-08:30  Working group on oncology  Office 5
07:30-08:30  Open meeting of the acute intestinal failure group  Room E
07:30-09:00  Eastern European Meeting – EEM ESPEN 2014  Room E
09:00-10:00  Swiss certificate of clinical nutrition endorsed by SSNC (for Swiss participants only)  Room K
10:00-11:00  SSNC General Assembly (for Swiss participants only)  Room K
08:00 – 10:00  LLL LIVE COURSE – NUTRITION IN PAEDIATRIC PATIENTS 2
Moderator: S. Kolacek (HR)
Role of diet in prevention and treatment of hypercholesterolaemia/hypertriglyceridaemia in children
C. Hartman (IL)
PROGRAMME DAY BY DAY

▶ Food allergy: prevention and treatment  H. Szajewska (PL)
▶ Nutrition treatment with intestinal failure  S. Kolacek (HR)
▶ Nutrition in the preterm infants  K.F.M. Joosten (NL)

08:30 – 10:00  DISEASES ACROSS BORDERS: THE CASE OF IRRITABLE BOWEL SYNDROME  Room C
Moderators: R. Meier (CH) & M. Pirlich (DE)
▶ FODMAP: a roadmap to food selection  B. Schilling (CH)
▶ Modulation of gut microbiota: a helping hand for IBS patients?  D. Waitzberg (BR)
▶ Fibre in gastroenterology: is there anything new to say?  A. Forbes (UK)

08:30 – 10:00  PROGRESS IN BODY COMPOSITION  Room WX
Moderators: V. Baracos (CA) & K. Norman (DE)
▶ New uses of DEXA  L. Genton Graf (CH)
▶ MRI for assessment of organ and tissue masses  M. J. Muller (DE)
▶ Bedside assessment: ultrasonography  K. Fukatsu (JA)

08:30 – 10:00  ECONOMIC ASPECTS OF NUTRITION  Room AB
Moderators: D. Heyland (CA) & M. Berger (CH)
▶ What are the indicators of cost-effectiveness and cost-utility?  L. Pradelli (IT)
▶ Cost effectiveness of ERAS in Lausanne  M. Schäfer (CH)
▶ Is screening for malnutrition cost-effective?  M. Elia (UK)

10:00 – 10:30  Coffee break  Exhibition Area

10:30 – 11:15  SIR DAVID CUTHERBETSON LECTURE  Room AB
Moderators: M. Berger (CH) & P. Singer (IL)
Skeletal muscle in clinical nutrition and metabolism  V. Baracos (CA)

11:15 – 12:00  ESPEN BEST ABSTRACTS 2014 & ESPEN TRAVEL AWARDS  Room AB
Moderators: P. Calder (UK) & M. Berger (CH)
OP013  WEIGHT GAIN AND OBESITY AFTER ORTHOTOPIC LIVER RANSPLOANTATION AT AUSTIN HEALTH  
G. Collins* (AU) - B. Chapman - T. Crowe
OP014  PROTEIN IN PARENTERAL NUTRITION FOR ICU PATIENTS: A RANDOMISED CONTROLLED TRIAL  
S. Ferrie* (AU) - M. Allman-Farinelli - M. Daley
OP015  INTERMUSCULAR ADIPOSE TISSUE IS AN INDEPENDENT PREDICTOR OF MORTALITY IN VENTILATED CRITICALLY ILL PATIENTS  

12:00 – 12:30  Lunch and poster viewing  Exhibition Area
12:30 – 14:00  Poster visit  Poster Area
### Programme Day by Day

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<th>Time</th>
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<tr>
<td>13:30 – 15:30</td>
<td><strong>LLL Live Course: Nutritional Support in Cancer</strong>&lt;br&gt;Moderator: A. Laviano (IT)</td>
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<td>▶ Mechanisms and clinical features of cachexia&lt;br&gt;P. Ravasco (PT)</td>
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<td>▶ Nutritional effects of cancer therapy and potential modulation of tumor growth&lt;br&gt;A. Laviano (IT)</td>
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<td>▶ Drug therapy for cancer cachexia&lt;br&gt;J. Arends (DE)</td>
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<td>▶ Multimodal therapy of cancer cachexia&lt;br&gt;K. Fearon (UK)</td>
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<td>14:00 – 15:30</td>
<td><strong>Nutrition at Extremes: The Unlikely Benefits of Starvation</strong>&lt;br&gt;Moderators: D. Waitzberg (BR) &amp; M. Chourdakis (GR)</td>
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<td>▶ A calorie is not a calorie: caloric restriction vs modulation of diet composition?&lt;br&gt;F. Bozzetti (IT)</td>
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<td>▶ Nutrition vs food intake: competition or collaboration in the ERAS era?&lt;br&gt;O. Ljungqvist (SE)</td>
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<td>▶ Management of the severely malnourished: the case of anorexia nervosa&lt;br&gt;C. de la Cuerda (ES)</td>
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<td>14:00 – 15:30</td>
<td><strong>Gastrointestinal Function in the ICU</strong>&lt;br&gt;Moderators: J.C. Preiser (BE) &amp; P. Ballmer (CH)</td>
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<td>▶ How to diagnose and to treat GI-motility disorders?&lt;br&gt;A. Forbes (UK)</td>
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<td>▶ Gastric residuals – facts and fiction&lt;br&gt;S. Frühwald (AT)</td>
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<td>▶ Absorption and digestion incapacity&lt;br&gt;A. Reintam Blaser (CH)</td>
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<td>14:00 – 15:30</td>
<td><strong>Paediatric Development</strong>&lt;br&gt;Moderators: R. Shamir (UK) &amp; C. Brägger (CH)</td>
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<td>▶ Early nutrition and later body weight&lt;br&gt;B. Koletzko (DE)</td>
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<td>▶ Catch up growth in stunted children&lt;br&gt;G. Gat-Yablonski (IL)</td>
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<td>▶ Is neurodevelopment influenced by early feeding?&lt;br&gt;B. Koletzko (DE)</td>
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<td>15:30 – 16:00</td>
<td>Coffee Break</td>
<td>Exhibition Area</td>
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<td>16:00 – 17:30</td>
<td><strong>Food: The Factor Reshaping the Size of the Planet</strong>&lt;br&gt;Moderators: C. Pichard (CH) &amp; M. Ledín-Sanz (ES)</td>
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<td>▶ Food labelling and health claims&lt;br&gt;B. Benelam (UK)</td>
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<td>▶ Buy 2 and take 3: are we benefitting from cheaper food?&lt;br&gt;P. Marques-Vidal (CH)</td>
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<td>▶ The never-ending ambiguity of medical food: drug or supplement?&lt;br&gt;K. Schindler (AT)</td>
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<td>16:00 – 17:30</td>
<td><strong>Microbiome and Acute Illness</strong>&lt;br&gt;Moderators: R. Meier (CH) &amp; P. Eggimann (CH)</td>
<td>AB</td>
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<td>▶ Microbiome and acute metabolism disorders linked to cancer progression&lt;br&gt;N. Delzenne (BE) &amp; L. Bindels (BE)</td>
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<td>▶ Substrate impact on infections in the ICU (beyond GI)&lt;br&gt;P. Eggimann (CH)</td>
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<td>▶ Microbiome and non-infectious intestinal inflammation&lt;br&gt;P. Lepage (FR)</td>
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<td>16:00 – 17:30</td>
<td><strong>Nutrition of the Oncological Patient: From the Cell to the Clinic</strong>&lt;br&gt;Moderators: K. Fearon (UK) &amp; M. Godio (CH)</td>
<td>WX</td>
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<td>▶ New insights in the molecular basis of cachexia&lt;br&gt;M. Muscartoli (IT)</td>
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PROGRAMME DAY BY DAY

▶ Optimal timing of nutritional support or fasting during chemo- and radiotherapy
A. Laviano (IT)
▶ Is there a place for specific nutrients and anabolicagents?
O. Rooyakers (SE)

16:00 – 17:30 ORAL COMMUNICATIONS 3: PEDIATRICS Room V
Moderators: R. Stocker (CH) & O. Rooyakers (SE)

OP016 HYPERALIMENTATION AND BLOOD GLUCOSE CONTROL IN VERY PRETERM INFANTS: A RANDOMISED CONTROLLED PARENTERAL NUTRITION STUDY
C. Morgan* (GB) - L. Burgess - P. McGowan - M. Turner

OP017 HYPERALIMENTATION AND ELECTROLYTE REQUIREMENTS IN VERY PRETERM INFANTS: A RANDOMISED CONTROLLED PARENTERAL NUTRITION STUDY
C. Morgan* (GB) - J. Green

OP018 POSTOPERATIVE WEIGHT LOSS AND ITS IMPACT ON OUTCOMES IN PATIENTS WITH ADOLESCENT IDIOPATHIC SCOLIOSIS AFTER MAJOR SPINAL DEFORMITY SURGERY
R. Tarrant* (IE) - M. Nugent - A. Nugent - D. Moore - P. Kiely

OP019 FOLLOW-UP OF MALNOURISHED HOSPITALIZED CHILDREN: A DUTCH MULTICENTER STUDY

OP020 ALTERED METABOLIC STATE IN MECHANICALLY VENTILATED CHILDREN
D. Kerklaan* (NL) - J. Hulst - S. C. Verbruggen - J. J. Verhoeven - N. M. Mehta - K. F. Joosten

OP021 DYNAMICS OF 24,25- HYDROXYVITAMIN D3 IN PREMATURE INFANTS DURING NEONATAL INTENSIVE CARE UNIT HOSPITALIZATION
C. Hanson - E. Lyden - M. Kaufman - G. Jones - A. Anderson-Berry* (US)

18:00 – 19:30 Satellite Symposium Nutricia Advanced Medical Nutrition (programme p.56) Room WX
18:00 – 19:30 Satellite Symposium Fresenius Kabi (programme p.56) Room AB
18:00 – 19:00 Satellite Symposium NPS Pharma (programme p.57) Room K

TIME MONDAY 8 SEPTEMBER 2014 SPEAKERS ROOM

SPECIAL INTEREST GROUP MEETINGS
07:30-08:30 Home artificial nutrition (HAN) & chronic intestinal failure working group Room E
15:30-16:30 Editorial Advisory/ESPEN Faculty meeting Room E

08:00 – 10:00 LLL LIVE COURSE: ICU NUTRITION AND PROBLEM SOLVING Room WX
Moderator: P. Singer (IL)
▶ Energy and protein target: how to present underfeeding, overfeeding and refeeding syndrom
M. Hiesmayr (AT)
▶ More than choosing the route: enteral and parenteral nutrition
P. Singer (IL)
▶ Repletion, supplementation and pharmaco-nutrition
M. Berger (CH)
▶ How to feed the complex ICU patient – Case presentation
T. W. Felbinger (DE)
08:30 – 10:00

**NST – THE WHITE ARMY IS HERE! NUTRITIONAL CHALLENGES OF GERIATRIC PATIENTS**

*Room C*

**Moderators:** C. Sieber (DE) & Z. Stanga (CH)

- Which nutritional assessment tool for older adults?
  - J. Bauer (DE)
- Targeting food intake in older adults
  - A. Ödlund Olin (SE)
- Specific supplements for the older adults
  - P. Bravo (ES)

08:30 – 10:00

**GLUTAMINE: A SUCCESS STORY? A TRANSLATIONAL VISION**

*Room AB*

**Moderators:** J. Wernermann (SE) & L. Pradelli (IT)

- The glutamine story
  - J. Wernermann (SE)
- Glutamine: the basic science
  - P. Stehle (DE)
- The positive clinical trials
  - P. Déchelotte (FR)
- The questions raised by the recent trials
  - D. Heyland (CA)

08:30 – 10:00

**ORAL COMMUNICATIONS 4: CLINICAL NUTRITION AND METABOLISM**

*Room V*

**Moderators:** N. Delzenne (BE) & C.P. Heidegger (CH)

**OP022**

**EFFECTS OF A HIGH WHEY, LEUCINE-ENRICHED NUTRITIONAL SUPPLEMENT ON MUSCLE MASS, STRENGTH, AND FUNCTION IN NON-MALNOURISHED ELDERLY WITH LOW PHYSICAL FUNCTION: A DOUBLE BLIND, RANDOMISED CONTROLLED CLINICAL TRIAL**

J. M. Bauer* (DE) - S. Verlaan - C. C. Sieber - T. Cederholm and PROVIDE study group

**OP023**

**SURVIVAL OF MALNOURISHED ELDERLY PATIENTS RECEIVING POST-DISCHARGE NUTRITIONAL SUPPORT, A RANDOMIZED CONTROLLED STUDY**

F. Neelemaat* (NL) - S. van Keeken - J. Langius - M. de van der Schueren - A. Thijs - J. Bosmans

**OP024**

**JEJUNAL FEEDING WITH ENTERAL NUTRITION LEADS TO A GREATER RISE IN PLASMA CCK, PY, GLP-1 AND GLP-2 CONCENTRATIONS WHEN COMPARED WITH GASTRIC FEEDING IN VIVO IN UMANS**


**OP025**

**THE IMPACT OF PREOPERATIVE QUALITY AND QUANTITY OF SKELETAL MUSCLE ON SURVIVAL IN PATIENTS UNDERGOING LIVING DONOR LIVER TRANSPLANTATION**


**OP026**

**INTENSIVE EXERCISE HAMPERS THE POST-PRANDIAL CITRULLINE BIOAVAILABILITY FOLLOWING CASEIN BOLUS FEEDING**

L. Jansen Duivighuijzen* (NL) - M. Mensink - R. Witkamp - J. Keijer - H. Wiggers - Y. Luiking - K. van Norren and The Protégé study group

**OP027**

**MICROARRAY ANALYSIS OF HUMAN SKELETAL MUSCLES SUGGESTS THAT OVERNIGHT PREOPERATIVE TPN REPRRESSED LYOSOSMAL DEGRADATION OF PROTEINS**

B. M. Iresjö* (SE) - C. Engström - K. Lundholm

10:00 – 10:30

**Coffee break**

*Exhibition Area*
10:30 – 11:15  **ARVID WRETLIND LECTURE**  
**Moderators:** R. Meier (CH) & T. Cederholm (SE)  
- Metabolism & nutrition: shifting paradigms in COPD management  
  A. Schols (NL)  
**Room AB**

11:15 – 12:15  **FIGHT AGAINST MALNUTRITION: OPTIMAL NUTRITIONAL CARE FOR ALL**  
**Moderators:** P. Singer (IL) & R. Meier (CH)  
- Our joint approach!  
  Claude Pichard (CH)  
- Shaping the future Engaging with key stakeholders  
  Olle Ljungqvist (SE)  
- Nutrition matters! - The patient perspective  
  Cees Smit (NL)  
- Fight Against Malnutrition: Presentation of the grant and the MNI grant winner 2014  
**Room AB**

12:15 – 12:30  **Lunch and poster viewing**  
**Exhibition Area**

12:30 – 14:00  **Poster visit**  
**Poster Area**

13:30 – 15:30  **LLL LIVE COURSE: NUTRITION IN OBESITY**  
**Moderator:** I. Chermesh-Rozenwaser (IL)  
- Nutrition in the prevention of obesity  
  M. Chourdakis (GR)  
- Management of the severely obese patients: diet, lifestyle, behavioral modification and non-surgical treatments  
  A. Lang (IL)  
- Pre-operative medical assessment, post-operative follow-up and clinical outcome in bariatric surgery patients  
  A. Thorell (SE)  
- Optimal BMI and nutritional support of the obese hospitalized patient  
  I. Chermesh-Rozenwaser (IL)  
**Room WX**

14:00 – 15:30  **NURSING SESSION – NUTRITION IN PALLIATIVE CARE**  
**Moderators:** K. Boeykens (BE) & A. Weimann (DE)  
- The anthropological value of nutrition: ethical challenges at the end of life  
  M. Planas (ES)  
- Nutrition in stroke patients and chronic surgical diseases  
  K. Boeykens (BE)  
**Room C**

14:00 – 15:30  **DEBATE: DOES THE OBESITY PARADOX EXIST?**  
**Moderators:** P. Singer (IL) & G. Sacks (US)  
- Arguments PRO  
  R. Barazzoni (IT)  
- Arguments CONTRA  
  M. Hiesmayr (AT)  
- Debate All  
**Room AB**
### CLINICAL NUTRITION SYMPOSIUM

**Moderators:** N.E.P. Deutz (US) & M. Berger (CH)

- **Accuracy of direct segmental multifrequency bioimpedance analysis in the assessment of total body and segmental body composition in middle aged adult population**
  - A. Maier (NL)
- **Longitudinal analysis of macronutrients and minerals in human milk produced by mothers of preterm infants**
  - J. Bauer (DE)
- **Sarcopenia and negative outcomes in older people**
  - F. Landi (IT)

### Satellite Symposium BBraun (programme p.56)

**Room AB**

### Satellite Symposium Baxter (programme p.57)

**Room C**

### General Assembly (for ESPEN Members only)

**Room AB**

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<td>08:30 – 10:00</td>
<td><strong>MICRONUTRIENTS IN HEALTH AND DISEASE</strong></td>
<td>Room C</td>
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<td><strong>Moderators:</strong> D. Heyland (CA) &amp; R. Stocker (CH)</td>
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<td>- Is there still a role for AOX in the European ICU?</td>
<td>M. Berger (CH)</td>
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<td>- Vitamin D and muscle function</td>
<td>H. Bischoff-Ferrari (CH)</td>
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<td>- Selenium and cancer risk</td>
<td>J. Hesketh (UK)</td>
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<td>08:30 – 10:00</td>
<td><strong>ESPEN RESEARCH FELLOWSHIP SYMPOSIUM</strong></td>
<td>Room WX</td>
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<td><strong>Moderators:</strong> P. Calder (UK) &amp; J. Fonseca (PT)</td>
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<td>- Long term effects of a healthy Nordic diet on the risk factors of the metabolic syndrome</td>
<td>L. Cloetens (SE)</td>
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<td>- Mechanisms that determine the magnitude of postoperative inflammation and insulin resistance</td>
<td>S. Awad (UK)</td>
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<td>- MIRNAS profiling to identify pathways involved in muscle loss during cancer cachexia</td>
<td>N. Tardif (SE)</td>
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<td>08:30 – 10:00</td>
<td><strong>ORAL COMMUNICATION 5: VITAMINS MINERALS AND ANTIOXIDANTS</strong></td>
<td>Room V</td>
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<td><strong>Moderators:</strong> P. Déchelette (FR) &amp; C. Jotterand (CH)</td>
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<td>- MANGANESE MEASUREMENTS IN PATIENTS ON HOME PARENTERAL NUTRITION (HPN)</td>
<td>F. J. S. Conway* (GB) - D. C. McMillan - R. F. McKee - D. Talwar</td>
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PROGRAMME DAY BY DAY

08:30 – 10:00
PHYSICAL ACTIVITY AND NUTRITION
Room AB

Moderators: Y. Boirie (FR) & L. Genton (CH)

▶ Scientific lessons learned from body building
K. Tipton (CH)

▶ Muscle as an endocrine organ
B. Klarlund Pedersen (DK)

▶ Physical activity and nutrition in cancer
J. Arends (DE)

10:00 – 10:30
Coffee break
Exhibition Area

10:30 – 12:00
Dietetic Session: Sport and Nutrition
Room C

Moderators: M. de van der Schueren (NL) & K. Melzer (CH)

▶ “Mens sana in corpore sano”: optimal nutrition for fitness
F. Wardenaar (NL)

▶ Mimicking the semipalmated sandpiper: any benefit from natural doping?
M. Seelaender (CH)

▶ Nutrition in the extreme environment: translating top physical experiences into clinical practice
P. Bartsch (DE)

10:30 – 12:00
Energy and Protein Requirements in the ICU – Where Are We?
Room AB

Moderators: J. Wernermann (SE) & C.P. Heidegger (CH)

▶ Evolving energy target in a changing patient
J. Mechanick (US)

▶ Determining protein requirements
O. Rooyackers (SE)

▶ Do measured EE reflect requirements?
A.B. Guttormsen (NO)

10:30 – 12:00
Oral Communications 6: Obesity and Metabolic Syndrome
Room V

Moderators: R. Barazzoni (IT) & L. Genton (CH)

OP036 Circulating Fatty Acids Are Associated with Acyl- and Desacyl-Ghrelin Balance in Humans

OP037 Effect of a Coffee Beverage Enriched in Dextrin and Inulin on Hunger and Satiety in Healthy Volunteers: A Prct
J. Singer* (IL) - M. Grinev - V. Silva - P. Singer
OP038  COLONIC ACETATE INFUSIONS PROMOTE FAT OXIDATION AND IMPROVE METABOLIC PARAMETERS IN OVERWEIGHT MALES  

OP039  EFFECT OF ENVIRONMENTAL TEMPERATURE AND METABOLIC LEVEL ON SHORT-TERM ENERGY INTAKE  
C. Faure* (GP) - S. Henri - A. Temmar - O. Hue - S. Antoine-Jonville

OP040  METABOLIC SYNDROME, DIABETES AND BODY COMPOSITION IN COPD PATIENTS ON REHABILITATION  
N. Cebron Lipovec* (SI) - T. Kosten - D. Omersa - M. Lainscak

OP041  BETAINES SUPPLEMENTATION AND FATTY LIVER: EFFECTS ON ONE-CARBON METABOLISM  

10:30 – 12:00  ESPEN GUIDELINES  
Moderators: S. Schneider (FR) & J.C. Preiser (BE)
- ESPEN Guidelines on Nutrition in Dementia  
- ESPEN Guidelines: nutrition support in cancer  
- Implementing and disseminating guidelines  
Room WX  
D. Volkert (DE)  
J. Arends (DE)  
J.C. Preiser (BE)