Challenges and opportunities for managing obesity in adolescents

Wednesday 2 September 2020, 14:45–16:15 CEST
Virtual symposium

Symposium agenda

14:45–14:55  Welcome and introduction
Chair: Daniel Weghuber (Austria)

14:55–15:15  The burden of adolescent obesity
Antje Körner (Germany)

15:15–15:35  Managing obesity in adolescents – a clinical perspective
Louise Baur (Australia)

15:35–15:55  Is there a role for pharmacotherapy in adolescent obesity care
Aaron Kelly (USA)

15:55–16:10  Interactive Q&A: How to tackle the unmet needs in adolescent obesity care
Chair and faculty

16:10–16:15  Summary and meeting close
Daniel Weghuber

The information presented at this symposium is intended for healthcare professionals only.
Perspectives for obesity prevention and control in México and Latin American countries in the midst of COVID-19.

Coordinator: **Dr. Simón Barquera**
Director, Nutrition and Health Research Center, National Institute of Public Health, México.

**DR. EDGAR DENOVA.** Mexican National Institute of Public Health.
- The association between obesity, type 2 diabetes, hypertension and severe COVID-19 among Mexicans.

**DR. OTHILIA PERICHART.** National Institute of Perinatology, México.
- Early nutrition interventions for the prevention of obesity and metabolic diseases.

**PROF. DONNA RYAN.** Pennington Biomedical Research Center.
- Primary healthcare response to obesity in Latin America: Recommendations from international experiences.

**DR. HÉCTOR ESQUIVIAS.** National Institute of Psychiatry, México.
- Stigma and obesity: A perspective on how to position this challenge in the Latin American public health agenda.

**Tuesday September 1st, 2020**
Central European Time (CET): 16 - 17:15 pm Room 2
Central México Time (CMT): 10 - 11:15 am Room 2
Language: English
## TUESDAY 1 SEPTEMBER 2020

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<td>08:45-09:00</td>
<td>Congress Opening</td>
<td>ROOM 1</td>
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<td></td>
<td>ASOI - Grace O’Malley (Ireland)</td>
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<td>EASO - Nathalie Farpour Lambert (Switzerland)</td>
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<td>WOF - John Wilding (UK)</td>
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<td>RCSI - Cathal Kelly (Ireland)</td>
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<td>Minister for Health Ireland - Stephen Donnelly (Ireland)</td>
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<td>09:00-09:30</td>
<td>Opening Plenary: The Current Status in Global Obesity</td>
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<td>Chairs: Grace O’Malley (Ireland), Nathalie Farpour-Lambert (Switzerland), John Wilding (UK)</td>
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<td>PD1-01 Global trends in height and BMI of school-aged children and adolescents</td>
<td>A.Rodriguez Martinez (UK)</td>
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<td>09:30-10:00</td>
<td>Plenary Discussion: Global Challenges for Obesity post emergence of Covid-19</td>
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<td>Chairs: Johanna Ralston (US), Dror Dicker (Israel)</td>
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<tr>
<td>09:30-10:00</td>
<td>COVID-19 and Obesity: Implications for Clinical Practice and Policy</td>
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<td>09:45-10:00</td>
<td>Global Diabetes and Obesity in the time of COVID-19</td>
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<td>10:00-10:30</td>
<td>Plenary Discussion: Motivated Behaviour and Feeding</td>
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<td>Chairs: Gijs Goossens (Netherlands), Brian Oldfield (Australia)</td>
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<td>10:45-12:15</td>
<td>Abstract Discussion Session: Adipose Tissue Biology</td>
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<td>Chairs: Johan Jocken (Netherlands), Amaia Rodriguez (Spain)</td>
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<tr>
<td>10:45-11:00</td>
<td>AD01-01 The presence of active brown adipose tissue determines cold-induced thermogenesis and oxylipin profiles in humans</td>
<td>F W Keifer (Austria)</td>
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<td>11:00-11:15</td>
<td>AD01-02 Mammary gland adipo-epithelial remodeling during the lactation cycle</td>
<td>G Colleluori (Italy)</td>
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<td>11:15-11:30</td>
<td>AD01-03 p27Kip1 deficiency alters brown and white adipose tissues favouring obesity in mice</td>
<td>I Colón Mesa (Spain)</td>
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<td>11:30-11:45</td>
<td>AD01-04 NAD+/SIRT expression in adipose tissue and adipocytes in obesity and ageing – a study in BMI-discordant monozygotic twin pairs</td>
<td>H Lapatto (Finland)</td>
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<td>11:45-12:15</td>
<td>Discussion</td>
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<td>10:45-12:15</td>
<td>Abstract Discussion Session: Integrative Physiology</td>
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<td>Chairs: Alexander Kokkinos (Greece), Kirsi Pietilainen (Finland)</td>
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<td>10:45-10:55</td>
<td>AD02-01 Synergistic effect of feeding time and diet composition on hepatic steatosis and gene expression in male Wistar rats</td>
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<td>10:55-11:05</td>
<td>AD02-02 Obesity triggers NLRP3-dependent adipose tissue low-grade inflammation and extracellular matrix remodelling</td>
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<td>11:05-11:15</td>
<td>AD02-03 Pregnancy after vertical sleeve gastrectomy in a rodent model: immune impact to dam and offspring during gestation and beyond</td>
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<td>11:15-11:25</td>
<td>AD02-04 Post-weight loss changes in fasting appetite-related hormone concentrations and the effect of macronutrient content of weight maintenance diet</td>
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<td>11:25-11:35</td>
<td>AD02-05 Impact of impaired glucose regulation on hepatic lipid composition in men with non-alcoholic fatty liver disease</td>
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<td>11:35-11:45</td>
<td>AD02-06 Effects of maternal obesity and direct exposure to high-fat diet on bowel functions in offspring</td>
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<td>11:45-11:55</td>
<td>AD02-07 Association between rs174537 (FADS1) genotype and immune cell profiles in human abdominal and femoral subcutaneous adipose tissue</td>
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<td>11:55-12:15</td>
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<td>10:45-12:15</td>
<td>Abstract Discussion Session: Integrative Physiology</td>
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<td>Chairs: Peter Aldiss (UK), Cathy Wyse (Ireland), Joseph Proietto (Australia)</td>
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<td>10:45-10:55</td>
<td>AD02-08 Supplementation of a high-fat diet with acesulfame-k results in sex-specific effects on insulin concentrations and adipose tissue morphology in C57BL6 mice</td>
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<td>10:55-11:05</td>
<td>AD02-09 Effects of weight loss on center of pressure during walking in children with obesity: A follow-up study</td>
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<td>11:05-11:15</td>
<td>AD02-10 Particulate matter exposure and inflammatory gene methylation in subjects with obesity</td>
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<td>11:15-11:25</td>
<td>AD02-11 Dynamics of fat oxidation from sitting to light exercise in sedentary humans</td>
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<td>11:25-11:35</td>
<td>AD02-12 Lack of (iNOS) gene in leptin-deficient (ob/ob) mice alters the immune responses to acute (Salmonella typhimurium) infection</td>
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<td>11:35-11:45</td>
<td>AD02-13 Aerobic-strength training modulates cytokine profile in cerebrospinal fluid of elderly individuals in parallel with improvements of body composition, physical fitness and cognitive functions</td>
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<td>11:45-11:55</td>
<td>AD02-14 Pathogenic MAIT cells in obesity - underpinned by defective immunometabolism</td>
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<td>11:55-12:05</td>
<td>AD02-15 Resveratrol enhanced cold-induced thermogenesis through a differential browning effect on the adipose organ in a mouse model showing atrophied interscapular adipose tissue: A therapeutic approach</td>
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<td>10:45-12:15</td>
<td><strong>Abstract Discussion Session: Brain and Gut</strong></td>
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<td>Chairs: Carel Le Roux (Ireland), Alex Miras (UK), Mahenderan Appukutty (Malaysia)</td>
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<td>10:45-11:00</td>
<td><strong>AD03-01</strong> Oral butyrate induces satiety and improves insulin resistance via gut microbiota</td>
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<td>10:00-11:15</td>
<td><strong>AD03-02</strong> GLP-1 receptor distribution in human, (in vivo) visualization</td>
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<td>11:15-11:30</td>
<td><strong>AD03-03</strong> PREDIBAR-Cognition sub-Study - Retinal microperimetry: A useful tool to explore cognitive function before and after bariatric surgery in morbidly obese patients</td>
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<td>11:30-11:45</td>
<td><strong>AD03-04</strong> Adipose tissue and brain metabolic responses to western diet - Is there a crosstalk between the two?</td>
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<td>11:45-12:00</td>
<td><strong>AD03-05</strong> Hypothalamic ataxin-2 prevents obesity through the regulation of the circadian clock</td>
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<td>12:00-12:15</td>
<td><strong>Discussion</strong></td>
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<td>13:30-14:30</td>
<td><strong>Topic Session: Inter-organ Communication/Integrative Physiology</strong></td>
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<td>Chairs: Ellen Blaak (Netherlands), Matthias Blüher (Germany)</td>
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<td>13:30-13:50</td>
<td><strong>TS01-01</strong> Gut microbiota and host physiology</td>
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<td>13:50-14:10</td>
<td><strong>TS01-02</strong> Liver – adipose tissue interactions</td>
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<td>14:10-14:20</td>
<td><strong>TS01-03</strong> Extracellular vesicle-mediated crosstalk between adipose tissue and liver in the development of non-alcoholic fatty liver disease</td>
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<td>14:20-14:30</td>
<td><strong>TS01-04</strong> Molecular pathways behind acquired obesity: multomics of adipose tissue and skeletal muscle in monzygotic twin pairs discordant for BMI</td>
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<td>13:30-14:30</td>
<td><strong>Topic Session: Adipose Tissue Biology</strong></td>
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<td>Chairs: Maria Angela Guzzardi (Italy), Gunnar Melllgren (Norway)</td>
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<td>13:30-13:50</td>
<td><strong>TS02-01</strong> Impact of adipocyte progenitors on adipose tissue remodeling</td>
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<td>13:50-14:10</td>
<td><strong>TS02-02</strong> Body fat distribution and cardiometabolic risk</td>
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<td>14:10-14:20</td>
<td><strong>TS02-03</strong> Novel role for Sult1a1 as a regulator of adipocyte activity and the browning of white adipose tissue</td>
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<td>14:20-14:30</td>
<td><strong>TS02-04</strong> Subcutaneous adipose tissue mitochondria gene expression is downregulated after diet-induced but upregulated after bariatric surgery-induced weight loss</td>
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<td>12:15-13:45</td>
<td><strong>Abstract Discussion Session: Basic Science</strong></td>
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<td>Chairs: Emanuel Canfora (Netherlands), Jørn Sagen (Norway)</td>
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<td>12:15-12:25</td>
<td><strong>AD04-01</strong> Modulation of muscle protein synthesis and lipid infiltration in rats by protein intake and high-fat diet</td>
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<td>12:25-12:35</td>
<td><strong>AD04-02</strong> (In vivo) analysis of gut microbial hydrogen production and quantification of exogenous vs. total substrate oxidation by an extended indirect calorimetry system: Nutritional applications in animal models</td>
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<td>12:35-12:45</td>
<td><strong>AD04-03</strong> A branched-chain amino acid-based metabolic score can predict liver fat in children and adolescents with severe obesity</td>
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<td>12:45-12:55</td>
<td><strong>AD04-04</strong> Should the threshold for assessing fatty liver be lowered in Asian women?</td>
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<td>12:55-13:05</td>
<td><strong>AD04-05</strong> Lipid metabolism in epicardial adipose tissue of patients with advanced heart failure: focus on cardiac cachexia</td>
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<td>13:05-13:15</td>
<td><strong>AD04-06</strong> Metagenomic biomarker in precision treatment for obesity: microbiota composition change before and after a nutrition intervention</td>
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<td>13:15-13:25</td>
<td><strong>AD04-07</strong> Cold but not β3-adrenoreceptor agonism drives adiposity in 'physiologically humanised' animals</td>
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<td>13:25-13:35</td>
<td><strong>AD04-08</strong> Identification of differentially methylated regions (DMRs) between responders and non-responders to a weight loss dietary intervention: A new tool for precision management of obesity</td>
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<td>13:35-13:45</td>
<td><strong>Discussion</strong></td>
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### TUESDAY 1 SEPTEMBER 2020

**14:45-15:45** | Topic Session: Energy Expenditure and Metabolic Adaptation | ROOM 1  
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**14:45-15:05** | TS03-01  
Exercise and adipose tissue function | B Stallknecht (Denmark)  
**15:05-15:25** | TS03-02  
Metabolic adaptation in energy expenditure | K Hall (US)  
**15:25-15:35** | TS03-03  
Metabolic adaptation is not a major barrier to weight loss maintenance/ Metabolic adaptation is an illusion | C Martins (Norway)  
**15:35-15:45** | TS03-04  
The metabolic response and molecular adaptations to mild hypoxia exposure in overweight and obese humans | R I J Van Meijel (Netherlands)

**14:45-15:45** | Accepted Symposium: Nutrition and Fetal Programming | ROOM 2  
---|---|---  
**14:45-15:55** | Prenatal nutrition, DNA methylation and health outcomes | M Suderman (UK)  
**14:45-15:05** | AS2-01  
Does reducing maternal dietary inflammation improve the long-term health outcomes of her offspring? | C Reynolds (New Zealand)  
**15:05-15:15** | AS2-02  
Lactational programming: impact of breastmilk composition on child health | S Sen (USA)  
**15:15-15:20** | Brief discussion  
**15:20-15:25** | AS2-03  
The association between triglyceride levels throughout pregnancy and fetal growth | C Yelverton (Ireland)  
**15:25-15:30** | AS2-04  
Health promotion advice in pregnancy: Provisional findings of Midwives’ and Obstetricians' knowledge and confidence of nutrition, gestational weight gain, and physical activity advice for pregnancy | S Callaghan (Ireland)  
**15:30-15:35** | AS2-05  
The FIGO Nutrition Checklist in routine antenatal practice: a pilot study with pregnant women | SL Killeen (Ireland)  
**15:35-15:45** | Closing discussion  
**14:45-15:45** | Accepted Symposium: The Microbiota-Gut-Brain Axis in Obesity | ROOM 3  
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**14:45-15:00** | A gut feeling about body fat | K Nilaweera (Ireland)  
**15:00-15:15** | AS2-01  
Adiposity-driven inflammatory mechanisms in obesity: role in neuropsychiatric comorbidities | L Capuron (France)  
**15:15-15:30** | AS2-02  
Mining the gut microbiota and its metabolites to modify metabolism, appetite and mood. | H Schellekens (Ireland)  
**15:30-15:45** | Discussion  
**14:45-15:45** | Topic Session: Inflammation and Obesity | ROOM 4  
---|---|---  
**14:45-15:05** | TS04-01  
Nutrigenomics and obesity: An Overview | H Roche (Ireland)  
**15:05-15:25** | TS04-02  
Inflammation and cancer | L Lynch (US)  
**15:25-15:35** | TS04-03  
Improvements in self-reported mood in adolescents participating in a specialist MDT weight loss programme: A pilot study | L Gait (UK)  
**15:35-15:45** | Discussion  
**16:00-16:15** | EASO New Investigator Award in Basic Science | ROOM 1  
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**16:00-16:10** | The DIVA study: 1-year follow-up outcomes | K Beaulieu (UK)  
**16:10-16:15** | Discussion | L Gait (UK)
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<tr>
<td>16:00-17:15</td>
<td>Industry Session: IFA Satellite Symposium: Perspectives for obesity prevention and control in Mexico &amp; Latin American countries in the midst of COVID-19</td>
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<tr>
<td>16:00-16:05</td>
<td>Introduction</td>
<td>S Barquera (Mexico)</td>
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<td>16:05-16:20</td>
<td>The association between obesity, type 2 diabetes, hypertension and severe COVID-19 among Mexicans</td>
<td>E Denova (Mexico)</td>
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<td>16:20-16:35</td>
<td>Early nutrition interventions for the prevention of obesity and metabolic diseases</td>
<td>O Perichart (Mexico)</td>
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<td>16:35-16:50</td>
<td>Primary health care response to obesity in México and Latin America: Recommendations from international experiences</td>
<td>D Ryan (US)</td>
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<td>16:50-17:00</td>
<td>Stigma and obesity: A perspective on how to position this challenge in the public health agenda</td>
<td>H Esquivias (Mexico)</td>
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<td>17:00-17:15</td>
<td>Q&amp;A</td>
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<tr>
<td>16:15-17:45</td>
<td>Workshop: Addressing Obesity Stigma &amp; Weight Bias - A Socio-Ecological Approach</td>
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<tr>
<td>16:15-16:20</td>
<td>Welcome and Introduction</td>
<td>X Ramos Salas (Sweden)</td>
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<td>16:20-16:30</td>
<td>Person-first-language policies: A patient call to action</td>
<td>V Mooney (Spain)</td>
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<td>16:30-16:40</td>
<td>Weight-bias and obesity stigma: An international call to action</td>
<td>F Rubino (UK)</td>
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<td>16:40-16:45</td>
<td>Interactive Discussion</td>
<td>X Ramos Salas (Sweden)</td>
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<td>16:45-16:55</td>
<td>Understanding the biological and social drivers of obesity as a way to reduce weight bias and obesity stigma</td>
<td>E Hemmingsson (Sweden)</td>
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<td>16:55-17:05</td>
<td>Patient Engagement: Recognizing and addressing internalized weight bias</td>
<td>D Matscheck (Sweden), C Fleetwood (Sweden)</td>
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<td>17:05-17:10</td>
<td>Interactive Discussion</td>
<td>X Ramos Salas (Sweden)</td>
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<td>17:10-17:20</td>
<td>Weight bias reduction in healthcare: an institutional policy perspective</td>
<td>M Forhan (Canada)</td>
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<td>17:20-17:30</td>
<td>Guidelines for reducing weight bias in the media</td>
<td>S Flint (UK)</td>
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<td>17:30-17:40</td>
<td>Interactive Discussion</td>
<td>X Ramos Salas (Sweden)</td>
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<td>17:40-17:45</td>
<td>Closing Remarks</td>
<td>Ken Clare (UK)</td>
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**WEDNESDAY 2 SEPTEMBER 2020**

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<td>09:00-09:45</td>
<td><strong>Plenary Discussion: Childhood obesity and risk of adult comorbidities</strong></td>
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<td>Chairs: Nathalie Farpour-Lambert (Switzerland), Grace O’Malley (Ireland)</td>
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<tr>
<td>09:00-09:20</td>
<td>PD3-01 Overview of Global Obesity Statistics in Childhood Obesity</td>
<td>C Murin (Ireland)</td>
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<td>09:20-09:40</td>
<td>PD3-02 Childbody size and growth and adult health</td>
<td>J L Baker (Denmark)</td>
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<td>09:40-09:45</td>
<td><strong>Discussion</strong></td>
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<td>09:45-10:45</td>
<td><strong>Topic Session: Nutrition During Infancy and Childhood</strong></td>
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<td>Chairs: Maria Hassapidou (Greece), Mary Flynn (Ireland)</td>
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<td>09:45-10:05</td>
<td>TS05-01 Sensitive periods in flavour and nutritional programming</td>
<td>J Mennella (US)</td>
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<td>10:05-10:25</td>
<td>TS05-02 Food preferences in childhood</td>
<td>A Fildes (UK)</td>
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<td>10:25-10:35</td>
<td>TS05-03 Promoting healthy infant feeding to prevent childhood obesity: process evaluation of the Choosing Healthy Eating for Infant Health (CHErIsH) intervention</td>
<td>C Flannery (Ireland)</td>
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<td>10:35-10:45</td>
<td>TS05-04 Inhibition, maladaptive eating and weight in children and adolescents with obesity</td>
<td>T Naets (Belgium)</td>
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<td>09:45-10:45</td>
<td><strong>Accepted Symposium: Co-Create EU Project</strong></td>
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<td>Chair: Harry Rutter (UK)</td>
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<td>09:45-09:50</td>
<td>Welcome &amp; setting the scene</td>
<td>H Rutter (UK), T Lobstein (UK)</td>
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<td>09:50-10:00</td>
<td>STOP: Strengthening evidence and engaging different actors</td>
<td>F Sassi (UK)</td>
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<tr>
<td>10:00-10:10</td>
<td>PEN: Monitoring and accountability of public policies across Europe</td>
<td>W Ahrens (Germany)</td>
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<tr>
<td>10:10-10:20</td>
<td>CO-CREATE: Co-creating policies with youth in Europe</td>
<td>K I Klepp (Norway)</td>
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<tr>
<td>10:20-10:40</td>
<td><strong>Discussion</strong></td>
<td>F Sassi (UK), W Ahrens (Germany), K I Klepp (Norway), M Bjørge Katanasho (Norway)</td>
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<tr>
<td>10:40-10:45</td>
<td><strong>Wrap-up and conclusion</strong></td>
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<td>09:45-10:45</td>
<td><strong>Topic Session: Heterogeneity in the origins of obesity in children &amp; adolescents</strong></td>
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<td>Chairs: Louise Baur (Australia), Fionnuala McAuliffe (Ireland)</td>
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<tr>
<td>09:45-10:05</td>
<td>TS06-01 Maternal obesity and weight gain during pregnancy: associations with childhood obesity and cardiometabolic health</td>
<td>R Gaillard (Netherlands)</td>
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<tr>
<td>10:05-10:25</td>
<td>TS06-02 Understanding heterogeneity in childhood to young-adulthood body mass index trajectories</td>
<td>W Johnson (UK)</td>
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<td>10:25-10:35</td>
<td>TS06-03 The influence of maternal glucose concentrations in early-pregnancy on cardio-metabolic risk factors in childhood</td>
<td>R J Wahab (Netherlands)</td>
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<td>10:35-10:45</td>
<td>TS06-04 Antibiotics given during labor and birth increases Body Mass Index (z) scores in children at one year of age: Results from the All Our Families (AOF) pregnancy cohort</td>
<td>D E Lowry (Canada)</td>
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<td>Time</td>
<td>Abstract Discussion Session: Obesity in Children and Adolescents</td>
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<td>09:25-11:15</td>
<td>Chairs: Paulina Matelska (Poland), Ana Rito (Portugal)</td>
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<tr>
<td>09:25-09:35</td>
<td>AD03-01 Training pediatric residents to improve obesity management</td>
<td>M Yafi (US)</td>
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<td>09:35-09:45</td>
<td>AD03-02 i-PATHWAY: Development and validation of a clinical prediction model for childhood obesity in Australia</td>
<td>O J Canfell (Australia)</td>
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<td>09:45-09:55</td>
<td>AD03-03 &quot;Emotions and communication in parenting&quot; - Parenting skills after a randomized controlled trial for obesity treatment in pre-schoolers</td>
<td>M Somaraki (Sweden)</td>
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<tr>
<td>09:55-10:05</td>
<td>AD03-04 A systematic review of the utility, including validity, reliability, and feasibility, of measurement tools used to assess the physical activity and sedentary behaviours of preschool children</td>
<td>S M Phillips (UK)</td>
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<tr>
<td>10:05-10:15</td>
<td>AD03-05 Overfat and obesity in Irish children: The association between body mass index and percentage body fat</td>
<td>A Odonnell (Ireland)</td>
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<tr>
<td>10:15-10:25</td>
<td>AD03-06 Increasing sleep duration improves depression symptoms and mood in adolescents with obesity: A Sleep Manipulation in Adolescents at Risk of Type 2 Diabetes (SMART2D) Study</td>
<td>R B Featherstone (Canada)</td>
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<tr>
<td>10:25-10:35</td>
<td>AD03-07 A sleep modification programme in early infancy is a cost-effective and affordable approach to obesity prevention in young children</td>
<td>A Hayes (Australia)</td>
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<tr>
<td>10:35-10:45</td>
<td>AD03-08 Birth weight and childhood body mass index and risks of benign breast disease</td>
<td>L G Bjerregaard (Denmark)</td>
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<td>10:45-10:55</td>
<td>AD03-09 'Give me a healthy tip'. Development and feasibility of a family-based intervention using intelligent personal assistants: A randomised controlled trial</td>
<td>A Carlin (UK)</td>
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<td>10:55-11:05</td>
<td>AD03-10 Which is the best measure of cumulative exposure to body mass index for the detection of metabolic alterations in young adulthood?</td>
<td>J Araújo (Portugal)</td>
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<tr>
<td>11:05-11:15</td>
<td>AD03-11 Factors associated with childhood overweight and obesity in western Austria: A 12-year investigation in 39,641 kindergarten children</td>
<td>C Mähr (Austria)</td>
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<td>11:00-12:30</td>
<td>Abstract Discussion Session: Management and Treatment</td>
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<td>11:00-11:15</td>
<td>Chairs: Cilius Esmann Fonvig (Denmark), Clodagh O’Gorman (Ireland), Marie-Laure Frelut (France)</td>
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<td>11:00-11:15</td>
<td>AD04-05 Exploring the clinical effectiveness of a mobile-Health intervention for adolescent weight-management</td>
<td>G O’Malley (Ireland)</td>
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<tr>
<td>11:15-11:30</td>
<td>AD04-02 Increasing sleep duration improves insulin sensitivity in adolescents with obesity: A Sleep Manipulation in Adolescents at Risk of Type 2 Diabetes (SMART2D) study</td>
<td>C Dutil (Canada)</td>
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<tr>
<td>11:30-11:45</td>
<td>AD04-03 An evaluation of the acceptability of a 3D body image scale to initiate conversations about weight in childhood: A mixed-methods study</td>
<td>A Smith (UK)</td>
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<td>11:45-12:00</td>
<td>AD04-04 Obesity prevention in the first years of life: Stories beyond publications from Healthy Beginnings research and translation</td>
<td>L M Wen (Australia)</td>
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<td>12:00-12:15</td>
<td>AD04-01 Liraglutide for weight management in pubertal adolescents with obesity: a randomised controlled trial</td>
<td>A S Kelly (US)</td>
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<td>11:00-12:30</td>
<td>Abstract Discussion Session: Early life risk factors for obesity and later health outcomes</td>
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<tr>
<td>11:00-11:15</td>
<td>AD07-01 Association of trimester-specific gestational weight gain with offspring body composition and insulin resistance at age 6 years: The GUSTO study</td>
<td>S A Sadananthan (Singapore)</td>
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<td>11:15-11:30</td>
<td>AD07-02 Cord blood metabolomic signatures of childhood overweight</td>
<td>E Handakas (UK)</td>
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<td>11:30-11:45</td>
<td>AD07-03 Psychological health difficulties and socio-economic status in treatment-seeking children and adolescents with obesity</td>
<td>M Dow (Ireland)</td>
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<tr>
<td>11:45-12:00</td>
<td>AD07-04 Prospective association between a Mediterranean-style diet and cardiometabolic risk in adolescents and young adults: Findings from the ALSPAC birth cohort</td>
<td>G Buckland (UK)</td>
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<tr>
<td>12:00-12:15</td>
<td>AD07-05 The duration of overweight and risk of chronic diseases: The Kaunas Cardiovascular Risk Cohort Study</td>
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<td>12:15-12:30</td>
<td>AD07-06 Trajectories of body mass index in boys and risks of obesity-related cancers in adult life</td>
<td>B Wang Jensen (Denmark)</td>
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<tr>
<td>11:00-11:15</td>
<td>AD08-01 Parents' perspectives on preventing childhood obesity. A qualitative study from preschool child health centers</td>
<td>G K Øen (Norway)</td>
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<td>11:15-11:30</td>
<td>AD08-02 Out of sight, out of mind: Do adolescents in the UK recall seeing nutritional information and health messaging on food and drink packaging, and what information do they want to see?</td>
<td>J Newberry Le Vay (UK)</td>
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<td>11:30-11:45</td>
<td>AD08-03 Lipid disorders in children with overweight and obesity: Results of the study of 1948 children from Poland</td>
<td>M Brzeziński (Poland)</td>
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<td>11:45-12:00</td>
<td>AD08-04 Patterns of tertiary healthcare utilisation among children with obesity and associated costs: A retrospective cohort study</td>
<td>L Tully (Ireland)</td>
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<td>12:00-12:15</td>
<td>AD08-05 The effect of a physical activity consultation in the management of adolescents overweight (PAC-MAnO). Six-month results from a non-Randomized Controlled Trial</td>
<td>A Videira Silva (Portugal)</td>
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<td>Discussion</td>
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<td>Topic Session: Physical Fitness and Function in Childhood</td>
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<tr>
<td>11:15-11:35</td>
<td>TS07-01 Musculoskeletal health in children and adolescents</td>
<td>M Tsiros (Australia)</td>
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<td>11:35-11:55</td>
<td>TS07-02 Cardiovascular and cardiorespiratory health in obesity</td>
<td>J Ryder (US)</td>
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<td>11:55-12:15</td>
<td>Patient Perspectives on physical health: ECPO Recordings, ICPO and ECPO</td>
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<td>12:15-12:30</td>
<td>General discussion</td>
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<td>12:30-13:30</td>
<td>Healthy Hydration Working Group: Healthy hydration in children from health benefits to intervention programs encouraging water consumption:</td>
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<td>Chairs: H. Toplak (Austria)</td>
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<td>12:30-12:32</td>
<td>Introductory talk</td>
<td>H. Toplak (Austria)</td>
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<td>12:32-12:48</td>
<td>Hydration in children: from fluid intake to cognitive performance</td>
<td>J. Zemdegs (France)</td>
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<td>12:48-13:04</td>
<td>Belgian Primary School Children’s Hydration Status at School and Its Personal Determinants</td>
<td>N. Michels (Belgium)</td>
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<td>13:04-13:20</td>
<td>Understanding desire for sugar-sweetened beverages and implications for behaviour change</td>
<td>E. Papies (UK)</td>
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<td>13:20-13:30</td>
<td>Discussion</td>
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<td>13:30-14:30</td>
<td>Accepted Symposium: Digital Food Marketing to Youth</td>
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<td>Chair: João Breda (Russia)</td>
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<tr>
<td>13:30-13:45</td>
<td>AS5-01 Digital food marketing to young people: Latest evidence of exposure, power and impact</td>
<td>E Boyland (UK)</td>
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<td>13:45-14:00</td>
<td>Novel approaches to monitor and restrict digital marketing to children</td>
<td>K Wickramasinghe (Russia)</td>
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<td>14:00-14:15</td>
<td>Campaigning for policy change on junk food marketing to children and young people</td>
<td>H O’Donnell (Ireland)</td>
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<td>14:15-14:30</td>
<td>Discussion</td>
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<td>13:30-14:30</td>
<td>Topic Session: Prevention and Treatment of Obesity in Childhood</td>
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<td>Chairs: Aaron Kelly (US), Ram Weiss (Israel)</td>
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<tr>
<td>13:30-13:50</td>
<td>TS08-01 Prevention in the early years</td>
<td>R Laws (Australia)</td>
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<td>13:50-14:10</td>
<td>TS08-02 Screening children with obesity for obesity related complications.</td>
<td>R Weiss (Israel)</td>
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<td>14:10-14:30</td>
<td>Discussion</td>
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<td>13:30-14:30</td>
<td>Accepted Symposium: Pediatric Obesity Registries: Improving patient care for children and adolescents with obesity</td>
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<td>Chair: Shelley Kirk (US)</td>
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<td>13:30-13:37</td>
<td>AS6-01 Overview of established paediatric obesity registries (POWER, CANPWR, BORIS and AVP)</td>
<td>S Kirk (US)</td>
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<tr>
<td>13:37-13:44</td>
<td>AS6-02 Health issues of treatment-seeking youth with obesity. Lessons from paediatric obesity registries</td>
<td>R Holl (Germany)</td>
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<td>13:44-13:51</td>
<td>AS6-03 Parent perspective on expectations of weight management services designed for children and adolescents</td>
<td>B Keenan (Ireland)</td>
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<td>13:51-13:58</td>
<td>AS6-04 A more holistic approach to framing health outcomes for paediatric weight management beyond weight status</td>
<td>K Morrison (Canada)</td>
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<td>13:58-14:05</td>
<td>AS6-05 Considerations and challenges of paediatric obesity registry data collection and management: Data harmonization required for collaborative research</td>
<td>W Stratbucker (US)</td>
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<td>14:05-14:12</td>
<td>AS6-06 Opportunities for linking national data sets to paediatric obesity registry data: Lessons from Scandinavia</td>
<td>C Marcus (Sweden)</td>
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<tr>
<td>14:12-14:30</td>
<td>Panel Discussion: An interactive discussion on issues raised by symposium speakers and attendees</td>
<td>L Baur (Australia), G O’Malley (Ireland)</td>
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### Abstract Discussion Session: Obesity in Children and Adolescents

**ROOM 4**

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<tr>
<th>Time</th>
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<th>Speaker</th>
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<tr>
<td>13:30-13:35</td>
<td>Cost-effectiveness of an obesity management program for 6-15 year old children in Poland: Data from over three thousand participants</td>
<td>M Brzeziński (Poland)</td>
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<tr>
<td>13:35-13:40</td>
<td>Effect of liraglutide treatment on weight parameters in children and adolescents with type 2 diabetes: Post hoc analysis of the ellipse trial</td>
<td>M M Oberle (US)</td>
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<tr>
<td>13:40-13:45</td>
<td>Early infant feeding of formula or solid foods and risk of childhood overweight or obesity in a low socioeconomic area - Lebanon</td>
<td>Y Sacre (Lebanon)</td>
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<td>13:45-13:50</td>
<td>What can we learn from very early childhood obesity prevention interventions in Australia and New Zealand? A multi-method study</td>
<td>B Johnson (Australia)</td>
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<tr>
<td>13:50-13:55</td>
<td>Characteristics of metabolic syndrome in adolescents aged 16-19 years</td>
<td>M Mitkova Orbetzova (Bulgaria)</td>
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<tr>
<td>13:55-14:00</td>
<td>Eating not feeding: Improving primary school meals in Scotland</td>
<td>A Gryka Macphail (UK)</td>
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<tr>
<td>14:00-14:05</td>
<td>Obesity and diabetes in children and adolescents with Down Syndrome: data from a large diabetes centre in the United Arab Emirates</td>
<td>N Lessan (UAE)</td>
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<tr>
<td>14:05-14:10</td>
<td>Modelling determinants of childhood obesity in Irish adolescents</td>
<td>M Dow (Ireland)</td>
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<td>14:10-14:15</td>
<td>Relationship between family completeness and overweight/obesity indicators in 7 years old children in the Czech Republic (COSI project 2019), preliminary results</td>
<td>P Kalousková (Czech Republic)</td>
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<td>14:15-14:20</td>
<td>Drilling down: Exploring how socioeconomic inequalities in the weight status of Australian children develop</td>
<td>A Killedar (Australia)</td>
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<td>14:20-14:30</td>
<td>Discussion</td>
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<td>14:45-16:15</td>
<td>Industry Session</td>
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<td>16:15-16:30</td>
<td>EASO New Investigator Award in Childhood Obesity</td>
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<td>16:15-16:25</td>
<td>Changing parent’s infant feeding behaviours to prevent childhood obesity: Identifying important outcome measures</td>
<td>K Matvienko-Sikar (Ireland)</td>
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<td>16:25-16:30</td>
<td>Discussion</td>
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<tr>
<td>16:30-17:30</td>
<td>Childhood Obesity Teaching Course</td>
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<tr>
<td>16:30-16:45</td>
<td>Prevalence and trends in obesity in children</td>
<td>J L Baker (Denmark)</td>
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<td>16:45-17:00</td>
<td>How to speak with children</td>
<td>G O’Malley (Ireland)</td>
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<td>17:00-17:15</td>
<td>Clinical assessment and referral</td>
<td>J C Holm (Denmark)</td>
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<td>17:15-17:30</td>
<td>Care of children in the time of crisis</td>
<td>N Farpour-Lambert (Switzerland)</td>
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<td>Plenary Discussion: Training of Health Professionals and Delivery of Care at Population Level</td>
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<td>Chair: Grace O’Malley (Ireland)</td>
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<td>Training of Health Professionals and Delivery of Care at Population Level</td>
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<td>09:30-10:30</td>
<td>Topic Session: Obesity Prevention - Settings based Approaches</td>
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<td>Chairs: Tommy Visscher (Netherlands), Aaron Emmel (US)</td>
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<td>09:30-09:50</td>
<td>TS09-01 Community-based systems approaches</td>
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<td>S Allender (Australia)</td>
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<td>09:50-10:10</td>
<td>TS09-02 National food labeling: Policy implementation</td>
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<td>R Endevelt (Israel)</td>
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<td>10:10-10:20</td>
<td>TS09-03 The effect of integrated nutritional intervention in a communal dining room: Results from the NEKST study</td>
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<td>O K Shufan-Israel</td>
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<td>10:20-10:30</td>
<td>TS09-04 Putting the pieces together – using the evidence to inform public health practice, an example from the START campaign</td>
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<td>C I Mcgowan (Ireland)</td>
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<td>Topic Session: Food Marketing</td>
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<td>Chairs: Emma Boyland (UK), Colin Tukuitonga (Pacific Islands)</td>
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<td>09:30-09:45</td>
<td>TS10-01 Insights from South America</td>
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<td>T Correa (Chile)</td>
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<td>09:45-10:00</td>
<td>TS10-02 Regulating food marketing to children: key issues and debates</td>
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<td>E Boyland (UK)</td>
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<td>10:00-10:15</td>
<td>TS10-03 Healthy food retail- taking it to scale</td>
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<td>A Peeters (Australia)</td>
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<td>10:15-10:30</td>
<td>TS10-04 Objective understanding of the front-of-pack nutrition label Nutri-Score and its effect on food choices in Mediterranean European countries</td>
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<td>M Egnell (France)</td>
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<td>09:30-10:30</td>
<td>Topic Session: Nutritional Composition - are all calories equal?</td>
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<td>Chairs: Teodora Handjieva-Darlenska (Bulgaria), Gary Wittert (Australia)</td>
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<td>09:30-09:50</td>
<td>TS11-01 Effective obesity treatment: The personalised diet approach</td>
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<td>A Astrup (Denmark)</td>
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<td>09:50-10:10</td>
<td>TS11-02 Carbohydrates versus calories: what works in obesity management</td>
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<td>E Govers (Netherlands)</td>
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<td>10:10-10:20</td>
<td>TS11-04 Different associations between dietary intake and anthropometric and metabolic changes, based upon estimated vs reported energy and protein intake, during the PREVIEW lifestyle intervention study</td>
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<td>M Westerterp-Plantenga (Netherlands)</td>
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<td>10:20-10:30</td>
<td>Discussion</td>
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<tr>
<td>09:30-10:30</td>
<td>Topic Session: Increasing Physical Activity Levels</td>
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<td>Chairs: Kristine Beaulieu (UK), Alice Bellichia (France)</td>
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<tr>
<td>09:30-09:50</td>
<td>TS12-01 Moving from sedentary behaviour and inactivity to light activity in clinical populations</td>
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<td>S McDonough (Ireland)</td>
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<td>09:50-10:10</td>
<td>TS12-02 Translating policy into practice: The evidence</td>
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<td>C Woods (Ireland)</td>
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<td>10:10-10:20</td>
<td>TS12-03 Do parents properly assess children’s physical activity level? – A study of over 20 thousand children and parents dyads</td>
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<td>P Metelska (Poland)</td>
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<td>10:30-10:45</td>
<td>TS13-01 The impact of international trade and development on socioeconomic position</td>
<td>S Friel (Australia)</td>
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<td>10:45-11:00</td>
<td>TS13-02 Providing measurement, evaluation, accountability, and leadership support (MEALS) for NCDs prevention: Lessons from Ghana</td>
<td>A Laar (Ghana)</td>
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<td>11:00-11:15</td>
<td>TS13-03 Implementing nutrition policy: Lessons from Brasil</td>
<td>C Monteiro (Brazil)</td>
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<td>Chairs: Janas Harrington (Ireland), Dana Mullerova (Cz)</td>
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<tr>
<td>10:30-10:39</td>
<td>AD12-11 Influence of food texture on satiation and satiety: systematic review and meta-analysis</td>
<td>E Stribitcaia (UK)</td>
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<tr>
<td>10:39-10:48</td>
<td>AD12-12 The associations of leptin and adiponectin with metabolic syndrome in an Indonesian and a Dutch population</td>
<td>F Sulistyowati Sigit (Netherlands)</td>
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<td>10:48-10:57</td>
<td>AD12-13 Gender-specific associations of psychobehavioral parameters with insulin resistance in the PREVIEW lifestyle intervention</td>
<td>T C Adam (Netherlands)</td>
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<td>10:57-11:06</td>
<td>AD12-14 Total dietary antioxidant capacity and longitudinal trajectories of body composition: The Rotterdam study</td>
<td>N van der Schaft (Netherlands)</td>
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<td>11:06-11:15</td>
<td>AD12-16 Fructose-sweetened beverage consumption promotes hepatic de novo lipogenesis in healthy humans – a double-blind randomized controlled trial</td>
<td>B Geidl (Switzerland)</td>
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<td>AD12-17 The influence of maternal early-pregnancy dietary glycemic index and load on fetal growth patterns and the risk of adverse birth outcomes</td>
<td>R J Wahab (Netherlands)</td>
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<td>AD12-18 Fruit Heroes – Healthy School Snack: Impact of an educational intervention on promoting regular intake of fruits among pre- and primary school children</td>
<td>R Martins (Portugal)</td>
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<td>11:33-11:42</td>
<td>AD12-19 Increases in waist circumference independent of weight in Mongolia over the last decade: the Mongolian STEPS surveys</td>
<td>O Chimeddamba (Mongolia)</td>
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<td>Chair: Andrew Hill (UK)</td>
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<td>10:30-10:40</td>
<td>AD10-01 Results of the first consensus meeting on Standardisation of Quality of life measures in Obesity Treatment</td>
<td>C De Vries (Netherlands)</td>
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<td>10:40-10:50</td>
<td>AD10-02 Weight struggles at an early age are associated with greater obesity class and hopelessness: A call for timely intervention</td>
<td>W Coutinho (Brazil)</td>
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<td>10:50-11:00</td>
<td>AD10-03 Association between reward-related feeding behavior and depression: relevance for obesity</td>
<td>G Ribeiro (Portugal)</td>
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<td>11:00-11:10</td>
<td>AD10-04 The effect of physical activity on long-term self-reported health status and chronic diseases</td>
<td>I Tzintzun (France)</td>
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<td>11:10-11:20</td>
<td>AD10-05 Weight related terminology: An exploratory study of emotional response and weight bias internalisation</td>
<td>S W Flint (UK)</td>
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<td>11:20-11:30</td>
<td>AD10-06 Weight management for service users with mental illness and/or learning disabilities: A large-scale multiagency intervention in North-East England</td>
<td>E L Giles (UK)</td>
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<td>10:30-10:39</td>
<td>AD11-01 Socioeconomic position and body composition trajectories in the UK millennium cohort study</td>
<td>C Bridger Staatz (UK)</td>
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<td>10:39-10:48</td>
<td>AD11-02 Recruiting parents from disadvantaged backgrounds for infant nutrition research: barriers, facilitators and recommendations for future research</td>
<td>L Tully (Ireland)</td>
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<tr>
<td>10:48-10:57</td>
<td>AD11-03 Distributions of body mass index by socio economic position in older people</td>
<td>K O’Neill (Ireland)</td>
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<td>10:57-11:06</td>
<td>AD11-04 Leveraging public-private partnerships to provide a person-centred high-tech high-touch approach to obesity management in Lagos, Nigeria</td>
<td>K Njoku (Nigeria)</td>
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<td>11:06-11:15</td>
<td>AD11-05 Obesity after kidney transplantation</td>
<td>M De Zwaan (Germany)</td>
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<td>11:15-11:24</td>
<td>AD11-06 Association of longitudinal changes in metabolic syndrome status with incident Parkinson’s disease</td>
<td>S Kim (South Korea)</td>
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<td>11:24-11:33</td>
<td>AD11-07 Current practice of GDM Prevention through dietary intervention is ineffective in highest risk ethnic groups</td>
<td>H Fuller (UK)</td>
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<td>11:45-13:00</td>
<td>Accepted Symposium: Simulation Models for Health Economic Assessments of Obesity</td>
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<td>11:45-12:00</td>
<td>AD12-01 The German Obesity Model: modelling approach, results and implications</td>
<td>D Sonntag (Germany)</td>
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<td>12:00-12:15</td>
<td>AD12-02 Modeling Obesity in Norway (The MOON Study): a decision-analytic approach</td>
<td>G Bjørnelv (Norway)</td>
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<td>12:15-12:30</td>
<td>AS7-03 How can simulation models contribute to the development of multimodal treatment algorithms?</td>
<td>V Halsteinli (Norway), R Ødegård (Norway)</td>
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<td>12:30-12:35</td>
<td>AS7-04 Reflection on simulation modelling from a clinical perspective</td>
<td>C Marcus (Sweden)</td>
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<td>12:35-12:55</td>
<td>AS7-05 Poddium discussion</td>
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<tr>
<td>12:55-13:00</td>
<td>AS7-06 Future opportunities for modelling obesity outcomes using simulation models</td>
<td>S B Jabakhanji (Ireland)</td>
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<td>Abstract Discussion Session: Behavioural and Public Health</td>
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<td>11:45-11:53</td>
<td>AD12-01 Public health campaign linking sugary drinks, unhealthy weight and cancer risk</td>
<td>J Martin (Australia)</td>
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<td>11:53-12:01</td>
<td>AD12-02 Development of an evidence map of literature relevant to health economic and disease modeling of patients with obesity</td>
<td>G Phillips (US)</td>
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<tr>
<td>12:01-12:09</td>
<td>AD12-03 Cluster randomised controlled feasibility study of HENRY: A community-based intervention aimed at reducing obesity rates in preschool children</td>
<td>M Bryant (UK)</td>
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<td>12:09-12:17</td>
<td>AD12-04 Building Momentum: Lessons on implementing robust restrictions of food and non-alcoholic beverage marketing to children</td>
<td>K Oldridge-Turner (UK)</td>
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<td>12:17-12:25</td>
<td>AD12-05 Examining changes in exercise levels and influencing factors throughout pregnancy: A multi-cohort study</td>
<td>S Callaghan (Ireland)</td>
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<td>12:25-12:33</td>
<td>AD12-06 Eating like an American: Impact of Free Trade Agreements on Unhealthy Food Imports in the Americas</td>
<td>I Tzintzun (France)</td>
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<td>12:33-12:41</td>
<td>AD12-07 Leptin levels at birth and school-age, and appetitive behaviors at age 7: A prospective birth-cohort study</td>
<td>S Warkentin (Portugal)</td>
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<td>12:41-12:45</td>
<td>AD12-08 Partnering with researchers, clinicians and women with lived experience of weight issues across reproductive years to co-develop the global health in preconception, pregnancy and postpartum consumer and community involvement framework</td>
<td>H Bergmeier (Australia)</td>
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<td>11:45-12:45</td>
<td>Abstract Discussion Session: Epidemiology</td>
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<td>Chair: Lauren Lissner (Sweden)</td>
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<td>11:45-11:55</td>
<td>AD09-01 Central adiposity is associated with reduced cerebral perfusion: Evidence from the Irish Longitudinal Study on Ageing (TILDA)</td>
<td>E Laird (Ireland)</td>
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<td>11:55-12:05</td>
<td>AD09-02 The role of birth generation and gender in the age trajectories of obesity and its risk factors in the Doetinchem study</td>
<td>D Ibi (Netherlands)</td>
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<td>12:05-12:15</td>
<td>AD09-03 40-Year mortality among persons hospital-diagnosed with overweight or obesity</td>
<td>S Bjerre Gribsholt (Denmark)</td>
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<td>12:15-12:25</td>
<td>AD09-04 Associations between dietary patterns with CVD and total mortality among 118 554 adults from the UK Biobank: A prospective cohort study</td>
<td>M Gao (UK)</td>
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<td>12:25-12:35</td>
<td>AD09-05 The modifying effects of obesity on the association between air pollution and stroke: A systematic review</td>
<td>C B Dillon (Ireland)</td>
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<tr>
<td>12:35-12:45</td>
<td>AD09-06 Relationship between alcohol consumption and obesity and metabolic syndrome in Korean using the Korean national health insurance system</td>
<td>H Jung Shin (South Korea)</td>
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<td>13:15-14:00</td>
<td>Plenary Discussion: The Global Syndemic - Social Lobbying and Policy Influence from Industry</td>
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<td>Chairs: Joao Breda (Portugal), Tim Lobstein (UK)</td>
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<tr>
<td>13:15-14:00</td>
<td>The Global Syndemic - Social Lobbying and Policy Influence from Industry</td>
<td>B Dietz (US), C Hawkes (UK), S Barquera (Mexico)</td>
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<td>14:15-15:45</td>
<td>Special Session: Obesity and Covid-19</td>
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<td>14:15-14:30</td>
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<td>Gijs Goossens (Netherlands)</td>
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<td>The patient perspective: Impact of COVID-19 on people living with obesity (PwO) and access to care</td>
<td>S Chhabra (India), A Urudinachi (Nigeria)</td>
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<td>14:45-15:00</td>
<td>Access to Care: Insights from the OPEN Survey Results</td>
<td>V Mooney (Ireland), A Tahran (UK)</td>
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<td>15:00-15:15</td>
<td>Physiotherapy and rehabilitation in COVID-19: optimising function</td>
<td>P Thomas (Australia)</td>
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<tr>
<td>15:15-15:30</td>
<td>COVID-19 in children and its impact on childhood obesity</td>
<td>N Farpour-Lambert (Switzerland)</td>
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<td>16:00-16:30</td>
<td><strong>WOF Award Session: The WPT James Award Lecture</strong></td>
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<td>Chairs:</td>
<td>John Wilding (UK), Tim Lobstein (UK)</td>
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<tr>
<td>16:00-16:05</td>
<td>Introduction of award and recipient</td>
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<tr>
<td>J Wilding (UK),</td>
<td>P T James (UK)</td>
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<td>16:05-16:25</td>
<td>Lecture presented</td>
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<td>T Lobstein (UK)</td>
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<td>16:25-16:30</td>
<td>Q&amp;A and closing</td>
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<td>T Lobstein (UK),</td>
<td>J Wilding (UK)</td>
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<td>16:30-16:45</td>
<td><strong>EASO New Investigator Award in Public Health</strong></td>
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<td>Chairs:</td>
<td>Susanna Lehtinen-Jacks (Finland)</td>
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<td>16:20-16:40</td>
<td>Interventions to improve the quality of the grocery shopping for the prevention of chronic diseases</td>
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<td>C Piernas (UK)</td>
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<td>16:45-17:30</td>
<td><strong>Plenary Discussion: Global Perspectives in Stigma and Discrimination</strong></td>
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<td>Chairs:</td>
<td>Francesco Rubino (UK), Alafia Samuels (Jamaica)</td>
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<tr>
<td>16:45-17:30</td>
<td>A discussion on the global perspectives in stigma and discrimination</td>
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<td>S Birney (Ireland),</td>
<td>X Ramos-Salas (Sweden), N Sobers (Barbados)</td>
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<td>17:30-19:30</td>
<td><strong>Health Care Professional Teaching Workshops</strong></td>
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<td><strong>Joint Multi-professional Teaching Session</strong></td>
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<td>Chairs:</td>
<td>Donal O’Shea (Ireland), Grace O’Malley (Ireland)</td>
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<td>17:30-17:35</td>
<td>Welcome</td>
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<td>17:35-18:00</td>
<td>Obesity is a Chronic Disease - how do we manage it as such?</td>
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<td>A Sharma (Canada)</td>
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<td>Live Q&amp;A</td>
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<td>18:10-19:30</td>
<td><strong>Dietetics Teaching Session</strong></td>
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<td>Maria Hassapidou (Greece), Cathy Breen (Ireland)</td>
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<tr>
<td>18:10-18:15</td>
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<td>18:15-18:40</td>
<td>Combining both short and long term dietary strategies in the management of adult obesity</td>
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<td>D Duggan (Ireland)</td>
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<td>18:40-19:00</td>
<td>The Registered Dietitian as a central care provider in obesity management</td>
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<td>E Govers (The Netherlands)</td>
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<td>19:00-19:15</td>
<td>The role of food in the management of obesity - the patients perspective</td>
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<td>S Siguradottir (Iceland)</td>
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<td>Live Q&amp;A</td>
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<td>Nursing Teaching Session</td>
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<td>Chair: Karen Gaynor (Ireland)</td>
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<td>18:10-18:15</td>
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<td>18:15-18:40</td>
<td>Obesity from a nursing and patient perspective</td>
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<td>18:40-19:00</td>
<td>The role of the Nurse in a Weight Management Service</td>
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<td>19:00-19:15</td>
<td>Nursing interventions in relation to Bariatric Surgery</td>
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<td>19:15-19:30</td>
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<td>Physiotherapy Teaching Session</td>
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<td>Chair: Grace O'Malley (Ireland)</td>
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<tr>
<td>18:10-18:15</td>
<td>Welcome</td>
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<td>18:15-18:40</td>
<td>Physiotherapy in Weight Management: A WHO-ICF and behavioural approach</td>
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<td>18:40-19:00</td>
<td>Physical Fitness and function: the perspective from a PWO</td>
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<td>Considerations in children and adolescents</td>
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<td>19:15-19:30</td>
<td>Live Q&amp;A</td>
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How can we improve our interactions and better support people living with obesity?

What are the benefits of a multidisciplinary approach to obesity care?

Join us for this Live interactive virtual symposium!
PATIENT-CENTRIC APPROACHES TO THE TREATMENT OF OBESITY

Friday, September 4, 2020 | 13:00 – 14:30 CET

https://mbl.ist/ecoico2020-curraxpharma

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<td>Treatment Goals in Obesity: The Impact of Weight Loss - Managing Expectations</td>
<td>Univ. Prof. Dr. Hermann Toplak Medical University of Graz Univ. Internal Medicine Clinic Graz, Austria</td>
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<td>Motivational Interviewing Patients with Obesity: How to Motivate Patients to Be Ready for the Change</td>
<td>Dayna Lee-Baggley, Ph.D. Registered Psychologist, Cancer Care Nova Scotia Director, Behaviour Change Research Institute Assistant Professor, Dalhousie University Halifax, NS</td>
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<td><strong>Plenary Discussion: Bariatric Surgery and Pharmacotherapy: Long-Term Outcomes and Weight Regain</strong></td>
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<td>Chairs: Jean O-Connell (Ireland), Volkan Yumuk (Turkey)</td>
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<tr>
<td>09:00-09:10</td>
<td>PD7-01 Long term outcomes and weight regain after bariatric surgery R Cohen (Brazil)</td>
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<td>09:10-09:20</td>
<td>PD7-02 Long term pharmacotherapy after Bariatric Surgery weight regain D Dicker (Israel)</td>
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<td>09:20-09:30</td>
<td>Patient perspectives V Mooney (Ireland)</td>
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<td>09:30-10:30</td>
<td><strong>EASO OMTF Teaching Session: Weight Maintenance as a Therapeutic Target</strong></td>
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<td>Chairs: Luca Busetto (Italy), Dror Dicker (Israel)</td>
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<td>09:30-09:45</td>
<td>Mechanisms for weight regain C le Roux (Ireland)</td>
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<td>09:45-10:00</td>
<td>Eating behavior and weight maintenance B Heitmann (Denmark)</td>
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<td>10:00-10:15</td>
<td>The role of physical activity in weight maintenance J M Oppert (France)</td>
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<td>10:15-10:30</td>
<td>Weight maintenance as a target of pharmacological intervention L Busetto (Italy)</td>
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<td>09:30-10:30</td>
<td><strong>Topic Session: Physical Activity - Impact for Weight Management</strong></td>
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<td>Chairs: Andrea Ermolao (Italy), Ada Cuevas (Chile)</td>
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<td>TS14-01 Physical activity and weight regulation A Dulloo (Switzerland)</td>
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<td>TS14-02 Activity and appetite in children and adolescents D Thivel (France)</td>
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<td>10:00-10:10</td>
<td>TS14-03 Adverse muscle composition within obesity is associated with low functional performance and increased metabolic comorbidity: Results from the large UK Biobank imaging study J Linge (Sweden)</td>
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<td>TS14-04 Exercise training and protein supplementation RCT after bariatric surgery: A 5-year follow-up study A Bellicha (France)</td>
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<td>10:20-10:30</td>
<td>Discussion</td>
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<td><strong>Topic Session: Success and Failure in Clinical Intervention</strong></td>
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<td>Chairs: Abd Tahrani (UK), Hermann Toplak (Austria)</td>
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<td>09:30-09:45</td>
<td>TS15-01 Lessons from LookAhead E Gregg (UK)</td>
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<td>TS15-02 Success and failure in terms of psychoemotional health R Dalle Grave (Italy)</td>
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<td>10:00-10:15</td>
<td>Perspective from the European Coalition for People Living with Obesity (ECPO) K Clare (UK)</td>
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### FRIDAY 4 SEPTEMBER 2020

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<td>Chairs: Jøran Hjelmesæth (Norway), Eleonora Poggiogalle (Italy)</td>
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<td>10:45-10:55</td>
<td>AD14-01 Post- bariatric surgery reactive hypoglycemia: mechanism and new therapeutic options</td>
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<td>M Sánchez Pérez (Spain)</td>
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<td>10:55-11:05</td>
<td>AD14-02 Primary weight loss failure after gastric bypass is characterized by absent gut-hormone mediated regulation of food intake</td>
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<td>K N Bojsen-Moller (Denmark)</td>
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<td>11:05-11:15</td>
<td>AD14-03 Persistence of metabolic adaptation 1-year and 5-year after laparoscopic sleeve gastrectomy</td>
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<td>11:15-11:25</td>
<td>AD14-04 Association of glucose variability and hypoglycemia with weight regain after gastric bypass</td>
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<td>M Rodríguez Flores (Mexico)</td>
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<td>11:25-11:35</td>
<td>AD14-05 Basic demographic characteristics for the bariatric surgery patients in Alexandrovska University Hospital, Sofia, Bulgaria – initial report</td>
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<td>T Handjieva-Darlenksa (Bulgaria)</td>
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<td>Topic Session: Drugs and Surgeries for Obesity Management - Mechanisms of Action</td>
<td>ROOM 1</td>
<td>Chairs: Carl Roberts (UK), Tess Van Der Merwe (South Africa)</td>
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<td>12:00-12:20</td>
<td>TS16-01 Drug development for obesity management</td>
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<td>L Bjerre Knudsen (Denmark)</td>
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<td>12:20-12:40</td>
<td>TS16-02 Mechanisms underpinning efficacy in adjustable gastric band and vertical sleeve gastrectomy</td>
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<td>B Oldfield (Australia)</td>
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<td>12:40-12:50</td>
<td>TS16-03 Assessment of the safety and tolerability of Gelesis100 in subjects who reached a body mass index below 27 kg/m² in the pivotal GLOW study</td>
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<td>L Aronne (US)</td>
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<td>12:50-13:00</td>
<td>TS16-04 Can we use calorie intake and food choice measurements to determine individual variation in weight loss success to liraglutide 3.0mg? A direct method of eating behaviour assessment</td>
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<td>C W Le Roux (Ireland)</td>
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<td>12:00-13:00</td>
<td>Topic Session: E-Health and Technology</td>
<td>ROOM 2</td>
<td>Chairs: Grace O’Malley (Ireland), Volkan Yumuk (Turkey)</td>
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<td>12:00-12:20</td>
<td>TS17-01 Electronic tools as physical activity interventions</td>
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<td>12:20-12:40</td>
<td>TS17-02 eHealth in clinical obesity treatment</td>
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<td>K Pietiläinen (Finland)</td>
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<td>12:40-12:50</td>
<td>TS17-03 STOP Project: Development of STOP Portal, data and knowledge ecosystem for healthcare professionals and persons with obesity</td>
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<td>A Moorhead (UK)</td>
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<td>12:50-13:00</td>
<td>TS17-04 Reduction of metabolic syndrome by an internet-based health behaviour change support tool that combines persuasive systems design and cognitive behaviour therapy</td>
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<td>M J Savolainen (Finland)</td>
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<td>12:00-13:00</td>
<td>EASO OMTF Clinical Teaching Course: What can we Learn from the Results of the ACTION Studies?</td>
<td>ROOM 3</td>
<td>Chairs: Jason Halford (UK), Arya Sharma (Canada)</td>
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<td>12:00-12:15</td>
<td>Results from the ACTION studies in North America</td>
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<td>L Kaplan (USA)</td>
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<td>12:15-12:30</td>
<td>Results from the ACTION-IO study</td>
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<td>P Sbraccia (Italy)</td>
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<td>12:30-12:45</td>
<td>Trans-Atlantic differences in the ACTIONs results</td>
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<td>12:45-13:00</td>
<td>Patient perspectives</td>
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<td>V Mooney (Ireland)</td>
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<td>12:00-13:00</td>
<td>Accepted Symposium: Navigating Towards a Healthier Weight - the NoHoW Trial</td>
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<td>12:00-12:10</td>
<td>AS9-01 The what, where and why's of the NoHoW project</td>
<td>BL Heitmann (Denmark)</td>
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<td>12:10-12:20</td>
<td>AS9-02 Main and secondary outcomes and cost effectiveness</td>
<td>G Horgan (UK)</td>
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<td>12:20-12:30</td>
<td>AS9-03 The Toolkit development - strengths and limitations</td>
<td>M Marques (Ireland)</td>
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<td>12:30-12:40</td>
<td>AS9-04 The evidence base for WLM – and where next</td>
<td>F Sniehotta (UK)</td>
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<td>12:40-12:50</td>
<td>AS9-05 Where to go next</td>
<td>J Stubbs (UK)</td>
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<td>13:00-14:00</td>
<td>Industry Session</td>
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<td>IMP CME Satellite Symposium</td>
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<td>Extending the dialogue: a central role for the multidisciplinary team in obesity care</td>
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<td>13:00-14:30</td>
<td>Industry Session</td>
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<td>Curraux Pharmaceuticals Satellite Symposium</td>
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<td>14:30-15:30</td>
<td>GLOBAL RESEARCH METHODOLOGY WORKSHOP :</td>
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<td>Towards a universal description of “obesities” in clinical trials</td>
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<td>Chair: Martine Laville (France)</td>
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<td>14:30-14:40</td>
<td>Why should we consider better describing our patients with obesity?</td>
<td>P MacLean (US)</td>
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<td>14:40-14:50</td>
<td>Core set of data to describe obesities in clinical trials : a proposition from @OBEDIS consortium</td>
<td>M Laville (France)</td>
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<td>14:50-15:00</td>
<td>Point of view: industry</td>
<td>M Taulo Lund (Denmark)</td>
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<td>15:00-15:10</td>
<td>Point of view: patients</td>
<td>V Mooney (Ireland), E Juersisson (Belgium)</td>
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<td>15:10-15:20</td>
<td>Perspectives and responses from experts</td>
<td>G Mingrone (Italy), S Bischoff (Germany), @OBEDIS consortium</td>
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<td>15:20-15:30</td>
<td>Discussion</td>
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<td>EASO New Investigator Award in Clinical Research</td>
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<td>Chair: Luca Busetto (Italy)</td>
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<td>15:30-15:40</td>
<td>Physical activity in the management of patients with obesity</td>
<td>A Bellicha (France)</td>
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<td>15:45-16:45</td>
<td>Abstract Discussion Session: Bariatric Surgery</td>
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<td>Chairs: Luca Busetto (Italy), Francis Finucane (Ireland)</td>
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<td>15:45-15:55</td>
<td>AD14-06 Evaluation of preoperative and postoperative prediction models for diabetes relapse after bariatric surgery: A post-hoc analysis of long-term data from the Swedish Obese Subjects (SOS) study</td>
<td>K Sjöholm (Sweden)</td>
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<td>15:55-16:05</td>
<td>AD14-07 The impact of bariatric surgery on microvascular complications in patients with type 2 diabetes mellitus: A matched-controlled population-based cohort study</td>
<td>P Singh (UK)</td>
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<td>16:05-16:15</td>
<td>AD14-08 Hedonic hunger and eating behaviour in patients with suboptimal and optimal weight loss ten years after Roux-en-Y gastric bypass</td>
<td>O Børresen Skjølsvold (Norway)</td>
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<td>16:15-16:25</td>
<td>AD14-09 What influences whether bariatric surgery is successful - the patients speak out</td>
<td>C Homer (UK)</td>
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<td>16:25-16:35</td>
<td>AD14-10 Are food preference modifications towards healthier options the key to success for bariatric surgery?</td>
<td>E Guyot (France)</td>
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<td>16:35-16:45</td>
<td>AD14-11 Subjective appetite sensations in patients with Suboptimal- and Optimal Weight Loss 10 years after Roux-en-Y Gastric Bypass</td>
<td>K Eriksen (Norway)</td>
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<td>15:45-16:45</td>
<td>Abstract Discussion Session: Nutrition</td>
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<td>Paula Freitas (Portugal), Snezana Polovina (Serbia)</td>
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<td>15:45-15:55</td>
<td>AD15-01 Impact of intermittent vs. continuous energy restriction on weight and cardiometabolic factors: A 12-month follow-up</td>
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<td>J B Keogh (Australia)</td>
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<td>15:55-16:05</td>
<td>AD15-02 Longitudinal association between ultra-processed foods consumption and body fat distribution: 1-year of follow-up analysis within the PREDIMED-Plus trial</td>
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<td>J Konieczna (Spain)</td>
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<td>16:05-16:15</td>
<td>AD15-05 Impact of vitamin D supplementation and VDR and ADR gene polymorphisms in weight loss diet outcomes</td>
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<td>K Xenos (Greece)</td>
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<td>16:15-16:25</td>
<td>AD15-06 Energy and Macronutrient Intake, Intake of Different Food Groups and Physical Activity as Potential Causes of Suboptimal Weight Loss 10 Years after Roux-en-Y gastric bypass</td>
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<td>J Lundanes (Norway)</td>
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<td>16:25-16:35</td>
<td>AD15-07 Effectiveness of a very low carbohydrate diet on overweight or obese patients with T2DM on weight loss, HbA1c, medication and blood lipids</td>
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<td>Cathy Breen (Ireland), Davor Stimac (Croatia)</td>
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<td>15:45-15:55</td>
<td>AD16-01 Resting energy expenditure and daily steps in adults with sarcopenic obesity: Prospective observational study</td>
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<td>M El Ghoch (Lebanon)</td>
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<td>15:55-16:05</td>
<td>AD16-02 Weight loss and risk reduction of obesity-related conditions in 0.5 million people: evidence from a UK primary care database</td>
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<td>P McEwan (UK)</td>
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<td>16:05-16:15</td>
<td>AD16-03 How low do you have to go with carbohydrate intake to suppress appetite during weight loss in individuals with obesity? (Results from the ASKED Randomized Controlled Trial)</td>
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<td>J A Roekenes (Norway)</td>
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<td>16:15-16:25</td>
<td>AD16-04 Long-term cardiac changes in patients with obesity after surgical and medical treatment</td>
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<td>M Rodriguez Flores (Mexico)</td>
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<td>16:25-16:35</td>
<td>AD16-05 Relationship between resting energy expenditure and handgrip strength in adult obese patients from southern Italy</td>
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<td>E Speranza (Italy)</td>
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<td>16:35-16:45</td>
<td>AD16-06 A smartphone application for medication adherence in patients with obesity-related chronic conditions</td>
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<td>M G Del Olmo (Australia)</td>
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<td>Abstract Discussion Session: Hormone and Gender</td>
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<td>Giovanna Muscogiuri (Italy) Mette Svendsen (Norway)</td>
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<td>AD17-01 Men lose more weight and improve more in metabolic parameters following a low-calorie diet but are less able to maintain the improvements after 6 months of follow up compared to women</td>
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<td>AD17-02 Do men really lose more weight on a low-carbohydrate diet than women?</td>
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<td>AD17-03 Anthropometrics in relation to endogenous and exogenous glucocorticoids during combined lifestyle intervention with cognitive behavioral therapy in obesity</td>
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<td>M Savas (Netherlands)</td>
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<td>AD17-04 Kidney function and accuracy of the formulas for the estimation of glomerular filtrate rate (GFR) in patients with severe obesity</td>
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<td>G Salvetti (Italy)</td>
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<td>AD17-05 Long-term therapy with testosterone undecanoate injections (TU) results in profound ad sustained weight loss over 11 years in obese men with hypogonadism: Real-world data from a registry study</td>
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<td>F Saad (Germany)</td>
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<td>AD17-06 Experiences of maternal weight management services among women with a raised body mass index</td>
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<td>F J Fair (UK)</td>
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<td>16:45-16:55</td>
<td>AD17-07 Women over the age of 55 lose more weight than men on a lifestyle intervention with or without pharmacological treatment: An analysis of the SCOUT trial</td>
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<td>A Susanto (Australia)</td>
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<td>17:00-17:15</td>
<td>Closing Plenary</td>
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</table>
EP-001  NAFLD the coming global epidemic and health crisis, Egypt on the map
Mona Abd Elmonem Hegazy

EP-002  Pediatric obesity, Non-alcoholic Fatty Liver Disease (NAFLD) and Blood Lipids
Michael Yafi, Mona Eissa

EP-003  Roux-en-Y Gastric Bypass as a Treatment for Barrett’s Esophagus after Sleeve Gastrectomy
Moritz Felsenreich, Felix Langer, Christoph Bichler, Magdalena Eilenberg, Julia Jedamzik, Ivan Kristo, Natalie Vock, Lisa Gensthaler, Charlotte Rabl, Alexander Todoroff, Gerhard Prager

EP-004  Mapping food companies in the Colombian market
Cindy Alejandra Pachon, Melissa Mialon, Gustavo Cediel, Diego Gaitan, Eliana Maria Perez

EP-005  Association between changes in body mass index and subjective well-being in middle-aged Japanese subjects
Toshihiro Takao, Naoki Sumi, Yoshiyuki Yamanaka, Sohachi Fujimoto, Tomoaki Kamada

EP-006  Relationship between abdominal-to-gluteofemoral adipose tissue volume distribution and survival in patients with breast cancer
Jeong Won Lee, Sang Mi Lee

EP-007  Fruit Acids are Fruit’s cryptic anti-obesity agent
Satya Priya Sharama, Seong Tshool Hong

EP-008  Comparison of weight loss effect between a low-carbohydrate diet and a calorie-restricted diet in combination with intragastric balloon therapy
Satoshi Maekawa, Makoto Niizawa

Elham Sharif, Mariam Alwakeel

EP-010  Association of Urinary Vitamin D-Binding Protein and Megalin as Biomarkers for Diabetic Nephropathy in Type 2 Diabetes Mellitus in Qatari Patients
Elham Sharif, Naila Kitaz, Amal Hassan, Mariam Alwakeel

EP-011  Association Between Genetic Variants of GC Gene at 4q13.3 and Vitamin D Concentrations in Adult Females
Elham Sharif, Nasser Rizk, Hajera Thakur, Tasnim Kurdi, Mariam Alwakeel

EP-012  Pharmacy consulting of bariatric patients in hospital
Nadya Margolin, Dvir Froylich, Ophir Lavon, Leah Zack, Riad Hadad, Arie Bitermen, Igor Dashkovsky

EP-013  Abstract withdrawn

EP-014  Abstract withdrawn

EP-015  Gender Differences of Vitamin D Status in BMI: an observational prospective cross-sectional study
Sara Aprano, Giovanna Muscogiuri, Luigi Barrea, Carolina Di Somma, Daniela Laudisio, Ciro Salzano, Gabriella Pugliese, Silvia Savastano, Annamaria Colao

EP-016  Effects of Oral ingestion of Bifidobacterium breve B-3 on body fat and lipids in adults with obesity: a randomized, double-blind, placebo-controlled trial
Sang Yeoup Lee, Ye Li Lee

EP-017  Calcium, vitamin D and other minerals and vitamins in normal weight and pre obeese patients
Mihaela Posea, Madalina Ionela Andronache, Emilia Rusu, Gabriela Radulian

EP-018  Relationship between Smoking and Metabolic Syndrome in Engaged and Newly Married Couples Adults in Their 20s and 30s
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EP-019  Gender Differences of Vitamin D Status in obesity: an observational prospective cohort study
Giovanna Muscogiuri, Luigi Barrea, Carolina Di Somma, Daniela Laudisio, Ciro Salzano, Gabriella Pugliese, Giulia De Alteriis, Annamaria Colao, Silvia Savastano

EP-020  1-hr Glucose Tolerance Testing better predictor of β-cell dysfunction and insulin resistance than 2h in patients with severe obesity
Vanessa Guerreiro, Isabel Maia, Fernando Mendonça, Maria Manuel Silva, Daniela Salazar, João Sérgio Neves, Jorge Pedro, Maria João Ferreira, Cláudia Costa, Marta Canha, Pedro Cabral, Rita Lourenço, Patrícia Meira, Sara Viana, Eva Lau, Sandra Belo, Ana Varela, Paula Freitas, Davide Carvalho
EP-021 Relationship between 2-hr and 1-hr glucose tolerance testing with β-cell function and insulin resistance, in severe obesity patients
Vanessa Guereiro, Isabel Maia, Fernando Mendonça, Maria Manuel Silva, Daniela Salazar, João Sérgio Neves, Jorge Pedro, Maria João Ferreira, Cláudia Costa, Marta Canha, Pedro Cabral, Rita Lourenço, Patrícia Meira, Sara Viana, Eva Lau, Sandra Belo, Ana Varela, Paula Freitas, Davide Carvalho

EP-022 Can you see me? Participant experience of accessing a weight management programme via group videoconference to overcome barriers to engagement in rural areas
Marion Cliffe, Simon Bishop, Sion Williams

EP-023 Working conditions such as shifting and job position were closely related with BMI, WC
Kyurae Lee, Kidong Ko, Incheol Hwang, Kyoungkon Kim, Heysun Suh

EP-024 Can an mHealth intervention induce a lifestyle change in adolescence? The TeenPower controlled trial
Pedro Sousa, Catarina Reis, Ricardo Martinho, Sara Dias, Maria Anjos Dixe, Pedro Gaspar, Luis Luís, Regina Ferreira

EP-025 Review of the effects of high-intensity interval training or moderate-intensity continuous training for weight loss in obese and / or physically inactive patients with high metabolic risk
Manuel Antonio Pinelo Trancoso, Higinio González García, Alfonso Trinidad Morales

EP-026 Influence of a 6-month training-program in obese after a bariatric surgery
Manuel Antonio Pinelo Trancoso, Higinio González García, Alfonso Trinidad Morales

EP-027 Dietary Beliefs And Eating Patterns In Type 2 Diabetes: Evidence From South India
Anoop Kumar

EP-028 Extended-release naltrexone and bupropion may improve liver health for those with high baseline ALT: pooled analysis from 4 RCTs
Harpreet Bajaj, Melanie Burrows, Jessica Blavignc, Fernando Camacho, Maxime Barakat

EP-029 Tax awareness and perceptions regarding health warnings related to SSBs and the factors associated with these among visitors of an out-patient clinic in central India
Soumya Kanti Mandal, Arun Mitra, Yash Alok, Shubhanshu Gupta, Anindo Majumdar

EP-030 What is the portion size guidance for feeding preschool aged children (one to five years) in the UK and Ireland? A systematic grey literature review
Alice Porter, Laura Johnson, Ruth Kipping, Carolyn Summerbell

EP-031 Incidence of obesity at 1 and 3 years among community dwelling adults: A population based study
Ramona Dejesus, Ivana Croghan, Debra Jacobson, Shun Fan, Jennifer St. Sauver

EP-032 Evaluation of executive functions in obese middle age adults with and without binge eating disorder
Emma Adriana Chavez Manzanares, Martha Kaufar Horwitz, Sylvana Stephano Zuñiga, Lizette Quiroz Casian, Erwin Chiquete Anaya, Carlos Gerardo Cantú Brito, Maura Jazmín Ramírez Flores, Michelle Durán Gomez, Mariana Ramírez Solache

EP-033 Perceived and preferred social support in patients with weight regain after bariatric surgery
Liisa Tolvanen, Åsa Svensson, Erik Hemmingsson, Anne Christenson, Ylva Trolle Lagerros

EP-034 Associations between physical activity, markers of adiposity, and eating behaviors in a sample of diverse individuals with obesity
James L Dorling, Corby K Martin, John W Apolzan, Robert L Newton, Candice A Myers, Kara D Denstel, Emily F Mire, Christoph Höchsmann, Tina K Thethi, Peter T Katzmarzyk

EP-035 Effects of alpha-cyclodextrin on cholesterol control in people with pre-diabetes and overweight or obesity: a randomised controlled trial
Erica Bessell, Nicholas R Fuller, Tania P Markovic, Namson S Lau, Jessica Burk, Chelsea Hendy, Tegan Picone, Ang Li, Ian D Caterson

EP-036 Pediatric obesity demographics an academic practice: a pilot study
Emedioni Odo, Avni Shah, Michael Yaf

EP-037 Construction and evaluation of a mouse model of simple obesity with spleen deficiency and damp stagnation
Shaoqin Ge, Mengmeng Zhu, Lixin Wang, Ruoyu Feng, Zejia Zhang, Tianci Zhao

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| EP-043 | Effectiveness of Liraglutide versus Sitagliptin as an add on to Metformin for body weight reduction among overweight or obese Asians with Type 2 Diabetes Mellitus: A Meta analysis  
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| EP-047 | Best cross-sectional computed tomogram plane to measure the visceral adipose tissue area predicting metabolic syndrome  
Jee Hyun Kang |
| EP-048 | Frequency of milk intake was considered as a pivot role to obesity and cardiovascular events in general population in Korean  
Kyurae Lee, Kidong Ko, Incheon Hwang, Kyoungkon Kim, Heusun Suh |
| EP-049 | A Web-based Dietary Tool for better Prevention and Treatment of Childhood Obesity in Norway  
Tvøe Langlo Drilen, Rønnaug Astrid Ødegård |
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| EP-051 | Influence of a physical exercise intervention in people with bariatric surgery  
Manuel Antonio Pinelo Trancoso, Higinio Gonzalez Garcia, Alfonso Trinidad Morales, Rosa Maria Benitez Perez, Noelia Avecilla Benitez, Fernando Trujillo Santos |
| EP-052 | Effect of metabolic syndrome in patients with acute myocardial infarction  
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| EP-053 | Views and experiences of child weight conversations within primary school settings  
Anna Chisholm, Katalin Ujhelyi Gomez, Sarah Peters, Jo Hart |
| EP-054 | Eligibility for metabolic surgery in patients with type 2 diabetes; a three-centre descriptive study  
Evangelia Tzeravini, Ioanna Severi, Elina El Deik, Melina Karaolia, Marina Noutsou, Anastasios Thanopoulou, Aikaterini Kountouri, Vaia Lambadiari, Nicholas Tentolouris, Nicholas Katsilambros, Alexander Kokkinos |
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A comparative Study of Inflammatory markers among obese patients and non-obese healthy volunteers in Indian: A multicentric case control study
Ananda Mohan Chakraborty, Chitrangada Shivaji Yadav, Soumitra Ghosh, Debashish Mondal

Metabolic syndrome and risk of thyroid cancer according to obesity: A nationwide population-based cohort study
Joo Hyun Park, Moonyoung Choi, Do Hoon Kim, Hyun Jin Kim, Myung Ji Nam, Chung Woo Lee, Kyungdo Han, Jin Hyung Jung, Yong Gyu Park

Adiposity estimated by isotope dilution technique with metabolic parameters in Sri Lankan women
Ranil Jayawardena, Piumika Sooriyaarachchi, Andrew P Hills

Medical devices in obesity management
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Is Korean adopting the obesity, metabolically?; Comparing between KNHANES 2008 and 2017
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Fatty acid translocase (Cd36) regulates energy substrate utilization and insulin signaling in brown adipose tissue in spontaneously hypertensive rats
Michal Pravenec, Jan Silhavy, Petr Mlejnek, Miroslava Simakova, Hana Malinska, Irena Markova, Martina Huttí

Association of lifestyle and early risk obesity variables with the BMI for age categories in Greek, Spanish and Brazilian schools
Macarena Torrego, Ana Cortés Martínez, Ángel Del Rey Mejías, Elena Arredondo, Germán Seara, Christina César Praça Brasil, Ilana Nogueira Bezerra, Dayanna Magalhães Dos Reis, Jose Fernando Rodrigues Ferreira, José Eurico De Vasconcelos, Ana Maria Fontenelle Catrib, Naiana Andrieta Mendes Melo, Cleiton Rocha, Enrico Weber, Leonardo Costa, Rodrigo Melo, Leire Bastida, Ana Moya, Eva Benito, Ceferino Maestú, Thomas Fischer, Kostas Soutos, Andreas Triantafyllidis, Alba M Gallego

Postprandial leptin and adiponectin in response to sugar and fat in obese and normal weight individuals
Maria Arlén Larsen, Victoria Therese Isaksen, Eyvind J Paulssen, Rasmus Goll, Jon Ragnar Florholmen

Beta-1 and not beta-3-adrenergic receptors may be the primary regulator of human brown adipocyte metabolism
Mette Ji Riis Vestergaard, Bjørn Richelsen, Jens Meldgaard Bruun, We Li, Jacob B. Hansen, Steen Bønløkke Pedersen

“The role of retinol binding protein 4 as a marker of cardiovascular disease risk in patients with arterial hypertension and obesity”
Elena N. Yushchuk, Irina A. Sadulaeva, Natalia A. Chusova

Feeling Fat/ Feeling Policy: On the Role of Emotions and Stigma in Public Health Policy
Michael Orsini

Joint effects of obesity and key lifestyle factors as predictors of colorectal cancer
Eira Roos, Olli Pietiläinen, Kari Seppä, Heidi Rynänen, Sanna Heikkinen, Maarit Laaksonen, Teemu Roos, Paul Knekt, Satu Mäntistö, Tommi Härkänen, Pekka Jousshaiti, Johan G Eriksson, Nea Malila, Ossi Rahkonen, Janne Pitkäniemi

Does eating more healthy foods correlate to eating less junk food in adults with and without obesity?
Mackenzie Fong, Ang Li, Andrew Hill, Michelle Cunich, Michael Skilton, Claire Madigan, Ian Caterson

Association between body composition measured by DEXA and white matter hyperintensities
Jee Hye Han, Hye Jung Kim, Jung Hwan Kim, Kil Young Kwon

Influence of Family Communication and Family Function to their Body Mass Index among Medical Students
Youngjin Park, Sunghyun Moon, Jinah Han, Bokyung Shine, Byungwook Ahn, Seokhoon Kang

Lack of mitochondrial acyl-coenzyme A synthetase Acsm3 contributes to hypertriglyceridemia and diet-induced obesity in PD rats
Petr Mlejnek, František Liška, Lucie Šedová, Ondřej Šeda, Miroslava Šmáková, Michal Pravenec

Recent weight gain is risk factor for undiagnosed metabolic syndrome in apparently healthy non-obese young adults: KNHANES 2014-2017
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Is obesity the basis for the development of multimorbidity?
Sarah Cuschieri

Effect of dietary protein source on body composition and cardiometabolic risk in obese young adults during anti-inflammatory weight management program
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Sarah Cuschieri |
| EP-079 | Lifestyles and genetics of healthy super lean subjects (BMI < 18.5) compared to normal weight individuals (BMI 21.5 to 25)  
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| EP-085 | Three years follow up (cohort) study via Population based intervention on adolescent and childhood obesity and overweight at schools setting  
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Nasser M Rizk, Sumaya Abdullah Ahmed, Amena Saleh Fadel, Abdelrahman Elgamal, Dina Elsayegh |
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Elena N Andreeva, Olga R Grigoryan, Ekaterina V Sheremetyeva, Julia S Absatarova, Natalia G Mokrysheva |
| EP-099 | Ovarian reserve in women with obesity  
Elena N Andreeva, Olga R Grigoryan, Robert K Mikheev, Ekaterina V Sheremetyeva, Jullia S Absatarova, Ivan I Dedov, Natalia G Mokrysheva |
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Nain Feng Chu, Der Min Wu, Yu Chen Lin |
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Nain Feng Chu, Der Min Wu, Yu Chen Lin |
| EP-129 | Monocyte chemoattractant protein-1 in rheumatoid arthritis with increased body weight after etanercept therapy: metabolic versus autoimmune inflammation  
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