Thursday, October 5th 2017

11:30–19:00  Onsite registration
13:00–13:30  Welcome snack

13:30–14:30  Opening and award ceremony

Moderator: Holéczy P (Slovakia)

Welcome address

Ľubomíra Fábyová
Chair of the Congress & President of the Obesitology Section of Slovakian Diabetes Society

Andrej Kiska
J. E. President of the Slovak Republic

Tomáš Drucker
Minister of Health of the Slovak Republic

Hermann Toplak
President of the European Association for the Study of Obesity

Dana Müllerová
Vice-President Middle Region of the European Association for the Study of Obesity

Juraj Šteňo
Dean of the Faculty of Medicine Comenius University in Bratislava

Emil Martinka
President of the Slovakian Diabetes Society

14:30–15:00  Sečanský inaugural lecture

OP 01 Monogenic diabetes and obesity in Slovakia
Klimeš I, Staník J, Gašperíková D (Slovakia)

15:00–15:20  Coffee Break

15:20–16:30  Obesity epidemics – Problem of Central Europe
Chairs: Toplak H (Austria), Fábyová Ł (Slovakia), Halmy E (Hungary)

15:20–15:45  OP 02 Obesity in Europe 1986–2017
Toplak H (Austria)

15:45–16:10  OP 03 Situation in the management of obese patients in the Slovak Republic
Fábyová Ł (Slovakia)

16:10–16:30  OP 04 Obesity management in Hungary. Hungarian comprehensive health tests program 2010–2020
Halmy E (Hungary)

16:30–16:50  Vitamin Break

16:50–18:10  Do we need obesity specialists? – round table discussion

Co-ordinator: Hainer V (Czech Republic)

Participants: EASO Executive Committee: Toplak H (Austria), Yumuk V (Turkey), Müllerová D (Czech Republic)

Representatives of the National Obesity Associations: Fried M (Czech Republic), Halmy E (Hungary), Olszanecka-Glinianowicz M (Poland), Fábyová Ł (Slovakia), Holéczy P (Slovakia), Handjieva-Darelenska T (Bulgaria), Tsigos C (Greece)

19:00–23:00  Welcome evening (Cruise on the Danube River)
Friday, October 6th 2017

07:00–07:30  Morning Exercise Activity
07:30–19:00  Onsite Registration

08:00–09:20  Bariatric/Metabolic surgery I.
   Chairs: Holéčy P (Slovakia), Wylezol M (Poland)
08:00–08:20  OP 05 Overview of new trends in bariatric and metabolic surgery
   Fried M (Czech Republic)
08:20–08:40  OP 06 Predictors of weight loss and weight regain after obesity surgery
   Yumuk V (Turkey)
08:40–09:00  OP 07 Surgery for diabetes and DSS-II guidelines
   Holéčy P (Slovakia)
09:00–09:20  OP 08 Bariatric surgery in Poland. What’s new?
   Wylezol M (Poland)
09:20–09:30  Coffee Break

09:30–11:20  Physical activity in the treatment of obesity, diabetes, and other comorbidities
   Chairs: Ukropcová B (Slovakia), Matoulek M (Czech Republic)
09:30–09:50  OP 09 Physical activity in the treatment of obesity or future is in the muscle
   Matoulek M (Czech Republic)
09:50–10:10  OP 10 The effects and mediators of acute and regular exercise on glucose metabolism,
   cognitive and motor functions in middle-aged sedentary and elderly individuals
   Ukropcová B (Slovakia)
10:10–10:30  OP 11 High-Intensity Interval Training as a Therapy for Type 2 Diabetes?
   Pesta D (Germany)
10:30–10:50  OP 12 Does fat loss require fat burning? Role of exercised skeletal muscle
   Kuo C-H (Taiwan)
10:50–11:05  OP 13 Effectiveness of complex non-pharmacological treatment of obese patients in Bardejov Spa
   Belovičová M (Slovakia)
11:05–11:20  OP 14 Prevention of type 2 diabetes through diet and physical activity: the PREVIEW study
   Handjieva-Darlenska T (Bulgaria)
11:20–11:30  Vitamin Break

11:30–12:45  Co-morbidities of obesity
   Chairs: Donič V (Slovakia), Staníková D (Germany/Slovakia)
11:30–11:45  OP 15 Obesity – risk factor of cancer?
   Špánik S (Slovakia)
11:45–12:00  OP 16 Obstructive sleep apnea and endocrinology
   Donič V (Slovakia)
12:00–12:15  OP 17 Excessive daytime sleepiness in acute ischemic stroke; association with obesity,
   diabetes mellitus, restless legs syndrome and sleep-disordered breathing
   Šiarnik P (Slovakia)
12:15–12:30  OP 18 Importance of different grades of abdominal obesity on testosterone level, erectile dysfunction, and clinical coincidence
   Fillo J, Mucska I (Slovakia)
12:30–12:45  **OP 19** Higher estrogen level is associated with depression in obese men  
Staníková D (Germany/Slovakia)

12:45–13:45  Lunch symposium  
**Role of SGLT-2 inhibitors in the treatment of diabetic patients**

Tkáč I (Slovakia)

13:15–13:45  **OP 21** SGLT-2 inhibitors and cardiovascular risk  
Martinka E (Slovakia)

13:45–15:15  **Childhood obesity I.**  
*Chairs:* Kunešová M (Czech Republic), Schusterová I (Slovakia)

13:45–14:00  **OP 22** Preventing childhood obesity in Hungary – the GYERE® program  
Szűcs Z, Kubányi J, Szigetvári S (Hungary)

14:00–14:15  **OP 23** Setting up obesity school programs: Challenges & examples  
Luger M (Austria)

14:15–14:30  **OP 24** “Obesity reduction program – School of obesity” and utility of non-traditional risk factors and biomarkers in cardiovascular disease risk assessment  
Tóhátyová A (Slovakia)

14:30–14:45  **OP 25** Risk factors of cardiovascular and metabolic diseases in Slovak adolescents: association with obesity  
Gerová Z (Slovakia)

14:45–15:00  **OP 26** Epicardial adipose tissue and cardiometabolic risk factors in overweight and obese children and adolescents  
Schusterová I (Slovakia/Canada)

15:00–15:15  **OP 27** What is the influence of a weight loss program on cognitive functions in obese adolescents?  
Vantieghem S (Belgium)

15:15–15:25  Coffee Break

15:25–16:55  **Adipose tissue, thermogenic and metabolic organ**  
*Chairs:* Wolfrum C (Switzerland), Ukropec J (Slovakia)

15:25–15:45  **OP 28** Identification of the brown and brite adipocyte signature in mice and men  
Wolfrum C (Switzerland)

15:45–16:00  **OP 29** Metabolic and thermogenic activity of brown fat and obesity-related metabolic disease in men  
Ukropec J (Slovakia)

16:00–16:15  **OP 30** Identification of novel targets with potential to promote brown adipocyte function  
Baláž M (Switzerland)

16:15–16:30  **OP 31** Dietary n-3 fatty acids as phospholipids improve insulin sensitivity of the liver and skeletal muscle in dietary obese mice  
Rossmeisl M (Czech Republic)

16:30–16:45  **OP 32** Noninvasive MRI and MRS based approaches to study metabolism in obesity  
Chmelík M (Austria/Slovakia)

16:45–16:55  **OP 33** Treatment of osteoarthritis with freshly isolated stromal vascular fraction cells from adipose and connective tissue  
Michálek J (Czech Republic)
16:55–17:10 Vitamin Break

**17:10–18:55 Genetics of obesity and diabetes**
*Chairs:* Kovacs P (Germany), Gašperiková D (Slovakia)

17:10–17:30 **OP 34 Pharmacogenomic aspects in the treatment of type 2 diabetes**
Tkáč I (Slovakia)

17:30–17:50 **OP 35 Genetics of obesity: Consequences for personalized medicine**
Kovacs P (Germany)

17:50–18:10 **OP 36 Development of adipose tissue in childhood obesity in children and relation to comorbidities**
Körner A (Germany)

18:10–18:25 **OP 37 A genome-wide association study using a custom genotyping array identifies variants in GPR158 associated with reduced energy expenditure and increased BMI and body adiposity in American Indians**
Mašindová I (USA/Slovakia)

18:25–18:40 **OP 38 EIF2S3 mutations are associated with x-linked MEHMO syndrome**
Staník J (Germany/Slovakia)

18:40–18:55 **OP 39 Unweighted gene score as a BMI predictor in Czech males**
Hubáček JA (Czech Republic)

19:45–22:00 Gala Dinner at the Restaurant “Hrad” (Bratislava Castle Restaurant)

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**Saturday, October 7th 2017**

07:20–07:50 Morning Exercise Activity

07:30–16:00 Onsite Registration

**08:30–10:45 Management of obesity and its comorbidities**
*Chairs:* Hainer V (Czech Republic), Tsigos C (Greece)

08:30–08:50 **OP 40 Clinical evaluation of the obese patient**
Tsigos C (Greece)

08:50–09:10 **OP 41 Very low energy diets: the past and presence**
Hainer V (Czech Republic)

09:10–09:30 **OP 42 The renaissance of obesity pharmacotherapy**
Olszanecka-Glinianowicz M (Poland)

09:30–09:45 **OP 43 Is obesity a real cardiovascular risk factor?**
Forster T (Hungary)

09:45–10:00 **OP 44 Management of arterial hypertension in obese patients**
Holecki M (Poland)

10:00–10:15 **OP 45 Mechanisms and potential targets of dyslipidaemia in obesity**
Fábryová L (Slovakia)

10:15–10:30 **OP 46 Non-alcoholic fatty liver disease in overweight and obese patients**
Skladaný L, Rác M (Slovakia)

10:30–10:45 **OP 47 Obesity-related nephropathy**
Patasi A, Demč M (Slovakia)

10:45–11:00 Coffee Break
11:00–12:00 Obesity and type 2 diabetes  
**Chairs:** Schröner Z (Slovakia), Haluzik M (Czech Republic)

11:00–11:20 OP 48 Sarcopenic obesity: diagnosis and nutritional treatment  
Krajčík S, Mikuš P (Slovakia)

11:20–11:40 OP 49 Targeting gastrointestinal tract in the treatment of obesity/type 2 diabetes  
Haluzik M (Czech Republic)

11:40–12:00 OP 50 Dulaglutide: a new once-weekly glucagon-like peptide-1 receptor agonist in clinical practice  
Schröner Z (Slovakia)

12:00–12:45 Lunch

12:45–13:45 Short Oral presentations (TOP 9 e-posters)  
**Chairs:** Ukropec J (Slovakia), Wolfrum C (Switzerland)

12:45–13:45 Guided e-poster session I.  
**Chairs:** Gašperiková D (Slovakia), Körner A (Germany)

12:45–13:45 Guided e-poster session II.  
**Chairs:** Ukropcová B (Slovakia), Pesta D (Germany)

13:45–14:45 Childhood obesity II.  
**Chairs:** Luger M (Austria), Hamar D (Slovakia)

13:45–14:00 OP 51 Childhood Obesity Surveillance Initiative (COSI) in the Czech Republic  
Kunešová M (Czech Republic)

14:00–14:15 OP 52 Prevention of childhood obesity in Bulgaria  
Handjiev S, Handjieva-Darlenska T (Bulgaria)

14:15–14:30 OP 53 Overweight and obesity in children – WHO Childhood Obesity Surveillance Initiative in Slovakia  
Tichá L (Slovakia)

14:30–14:45 OP 54 Whys and hows of physical exercise for children  
Hamar D (Slovakia)

14:45–15:00 Coffee Break

15:00–16:30 Nutrition, Cognitive-Behavioral Therapy  
**Chairs:** Kunešová M (Czech Republic), Kissová V (Slovakia), Slabá Š (Czech Republic)

15:00–15:15 OP 55 Fat: relation to obesity development and management  
Kunešová M (Czech Republic)

15:15–15:30 OP 56 Fast versus slow weight loss: head to head comparison of effects on body composition and muscle strength in postmenopausal women with obesity – the TEMPO diet trial  
Seimon RV (Australia)

15:30–15:45 OP 57 Obesity and body image  
Slabá Š, Herlesová J (Czech Republic)

15:45–16:00 OP 58 Internet as help in reducing weight and maintaining weight-loss  
Fraisová A (Czech Republic)

16:00–16:15 OP 59 Cognitive Behavioral Treatment of obesity: Program STOB  
Majerčák I (Slovakia)

16:15–16:30 OP 60 Motivation of obese patients for changes in behaviour  
Slabá Š (Czech Republic)

16:30–15:45 Vitamin Break
16:45–17:40  Bariatric/Metabolic surgery II.
Chair: Holéčy P (Slovakia), Gerauer KE (Germany)

16:45–17:00  OP 61 Jejunoileal anastomosis – novel procedure in bariatric/metabolic surgery – technical aspect
Holéčy P (Slovakia)

17:00–17:15  OP 62 Effect of endoscopic gastroplasty and surgical plication of the stomach on body composition: short term, 6 months study
Bužga M (Czech Republic)

17:15–17:30  OP 63 Guillain-Barré-syndrome following laparoscopic sleeve resection
Gerauer KE (Germany)

17:30–17:40  OP 64 Correlations between the distribution of ghrelin producing cells and anthropometric parameters in obese patients who underwent laparoscopic sleeve gastrectomy
Mihalache L (Romania)

17:40–17:50  Best short oral presentation and e-posters awards

17:50–18:00  Final remarks

Short oral presentations (TOP 9 e-posters)
(3–5 slides, 5-minute presentation + 1-minute discussion)
Saturday, October 7th 2017, 12:45–13:45
Chair: Ukropec J (Slovakia), Wolfrum C (Switzerland)

SOP 1 Effects of a maternal Maillard reaction products-rich diet on offspring somatic and motoric development and metabolic status in a mice model
Šebeková K (Slovakia)

SOP 2 Functional state of muscle mitochondria in seniors with impaired glucose tolerance and mild cognitive impairment
Nemec M (Slovakia, Austria)

SOP 3 Nutrition management in bariatric metabolic surgery
Danková M (Czech Republic)

SOP 4 Type 1 diabetes patients eating behaviour analysis – alarming results
Štechová K (Czech Republic)

SOP 5 Effect of chickpeas incorporation into “Mankoushe” on post prandial glycemia & lipidemia
Dandashi S (Lebanon)

SOP 6 Screening for risk factors of NAFLD in Slovakia
Skladaný L, Szántová M (Slovakia)

SOP 7 Stability and changes in feeding cues and quality of mealtime interaction: A longitudinal cross-cultural study of British and Israeli mothers and infants
Shloim N (UK, Israel)

SOP 8 The effect of 8 weeks of weight loss intervention on cardiometabolic parameters (ongoing study)
Penesová A (Slovakia)

SOP 9 Glucose metabolism, cognitive functions and physical (in)activity
Schön M (Slovakia)
Guided e-poster session I.
(3-minute presentation + 1-minute discussion)

Saturday, October 7\textsuperscript{th} 2017, 12:45–13:45

\textit{Chairs:} Gašperíková D (Slovakia), Körner A (Germany)

EP 01 The impact of obesity on alternative renin-angiotensin system pathways in adipose tissue
Kršková K (Slovakia)

EP 02 Adipose tissue contributes to rapid normalization of macrophage and liver-cell lipid handling during dietary reversal of obesity, despite continued inflammation
Vatarescu M (Israel)

EP 03 Hydrogen-rich water alleviates ethanol induced fatty liver via anti-oxidation and anti-inflammation in mice
Chih-Yen Chen (Taiwan)

EP 04 Obesity brings forward the age-related changes of food intake regulation by anorexigenic neuropeptides in rats
Székely M (Hungary)

EP 05 Extracellular DNA and bariatric surgery
Celec P (Slovakia)

EP 06 Management of a chronic staple line leak following laparoscopic sleeve resection
Gerauer KE (Germany)

EP 07 Are proton pump inhibitors associated with weight gain?
Hsien-Hao Huang (Taiwan)

EP 08 Non-invasive determination of liver fibrosis in patients with non-alcoholic fatty liver and cardiometabolic risk factors
Szántová M (Slovakia)

EP 09 Fatty liver screening based on fatty liver index (FLI)
Hlavatá T (Slovakia)

EP 10 Metabolic factors and non-alcoholic fatty liver in patients with impaired glucose tolerance
Sianni A (Greece)

Skladaný L (Slovakia)

EP 12 Overweight, obesity, and putative contribution of non-alcoholic fatty liver disease (NAFLD) to the patients undergoing liver transplantation (LTx) for etiologies other than NAFLD: analysis of the cohort
Skladaný L (Slovakia)

EP 13 Obesity and posttransplant diabetes mellitus in Slovakia
Dedinská I (Slovakia)
Guided e-poster session II.
*(3-minute presentation + 1-minute discussion)*

**Saturday, October 7**\(^{th}\) **2017**, 12:45–13:45

**Chairs:** Ukropcová B (Slovakia), Pesta D (Germany)

EP 14 Pigment epithelium derived factor and C1q/TNF-related protein 9 in patients with type 2 diabetes; their relationship to metabolic syndrome and vascular damage
Karásek D (Czech Republic)

EP 15 Effect of aging on lipogenic potential of human subcutaneous adipose tissue and adipocytes
Rossmeislová L (Czech Republic, France)

EP 16 Obesity and T2DM related changes of skeletal muscle secretory profile: *in vitro* and *in vivo* studies
Máderová D (Slovakia)

EP 17 Diurnal changes of acetylcarnitine in human vastus lateralis muscle and response to exercise
Klepochová R (Austria, UK)

EP 18 Concordance of bioactive vs. total immunoreactive serum leptin levels in children and adolescents with severe early onset obesity
Staník J (Slovakia, Germany)

EP 19 Contribution of GP to prevention of stroke in atrial fibrillation, how obesity can be dangerous
Macháčová M (Slovakia)

EP 20 How many risk factors affecting body weight reduction we know?
Buková L (Slovakia)

EP 21 The effect of the regulation on the trans fatty acid content of foods
Varga A (Hungary)

EP 22 Assessment of nutritional state of professional soldiers in the Armed Forces of the Czech Republic in view of new regulation about evaluating the health capability of active-duty service
Fajfrová J (Czech Republic)

EP 23 Three months aerobic-strength training and nutritional preference in relation with functional status, metabolism and cognitive functions in seniors with Mild Cognitive Impairment
Slobodová L (Slovakia)

EP 24 STOB activities aimed at weight reduction and weight maintenance with regard on degree of patients readiness
Málková I (Czech Republic)

EP 25 The effect of mexiletine on body weight in type 2 diabetes patients with visceral obesity
Ueno N (Japan)

EP 26 Self-perceived fatigue and physical performance in Flemish school children
Provyn S (Belgium)
Unmoderated (displayed) e-poster presentations

EPD 01 The different effect of angiotensin 1-7 receptor agonist (AVE 0991) administration on the local renin-angiotensin system of metabolically active tissues in obese Zucker rats
Lóry V (Slovakia)

EPD 02 The effect of high-energy diet on Zucker diabetic fatty rats
Capcarová M (Slovakia)

EPD 03 Administration of peroxisome proliferator-activator receptor alpha (PPAR-alpha) agonist reduces body weight and adipose depots in fructose fed Wistar rats
Atanasovska E (Macedonia)

EPD 04 Feeding and metabolism altering attributes of the glucose-monitoring neurons in the cingulate cortex of the rat
Hormay E (Hungary)

EPD 05 Metabolic alterations after interleukin-1β microinjection into the cingulate cortex of the rat
Csetényi B (Hungary)

EPD 06 The use of newly discovered myokine irisin as a biomarker for individualised recommendation for physical exercise in obese individuals
Arhire LI (Romania)

EPD 07 Association between biomarkers of adipose-tissue inflammation and immune response: A meta-analysis
Aleksandrova K (Germany)

EPD 08 Assessment of the resting energy expenditure in obese individuals
Sadílková A (Czech Republic)

EPD 09 Linking adaptive response to regular exercise in muscle and brain
Jacková L (Slovakia)

EPD 10 Fat makes adolescents feel tired
Vantieghem S (Belgium)

EPD 11 Super obesity and bariatric surgery – is the gastric balloon always useful?
Gerauer KE (Germany)

EPD 12 Gastric perforation, a rare complication of gastric balloon (Case report)
El-Kurdi MAR (Egypt)

EPD 13 Food habits and nutritional status in Hungarian young people
Uvacsek M (Hungary)

EPD 14 Evaluation of nutrition-related risk factors among the Hungarian adult population
Nagy B (Hungary)

EPD 15 Which foods are deficient in the diet of patients with type 2 diabetes?
Buková L (Slovakia)

EPD 16 The dietary habits of the Hungarian adult population – Hungarian diet and nutritional status survey (OTÁP2014)
Nagy-Lőrincz Z (Hungary)

EPD 17 Investigation on the existence of eating disorders and differences to eating habits, in students aged 15–18 years old in the city of Nafpaktos, in resting conditions and in exams period
Milona AD (Greece)

EPD 18 Association between lipoprotein(a) and fatty liver disease in non-alcoholic patients
Sianni A (Greece)
EPD 19 Half-century trends of obesity development in Slovak population – dietetic possibilities of obesity correction and its complications
Kajaba I (Slovakia)

EPD 20 Consumer perspectives about weight management services in a community pharmacy setting in Albania
Pistja E (Albania)

EPD 21 Effectiveness of cognitive behavioral therapy on changes of anthropometric and biochemical parameters in group weight reduction courses
Vymlátílová L (Czech Republic)

EPD 22 Determination of slimming effect by auricular acupuncture stimulation – statistical analysis of 1017 female data
Fujimoto T (Japan)

Last updated on September 22, 2017