

# ECOICO

Online 2020

## EUROPEAN AND INTERNATIONAL CONGRESS ON OBESITY

01-04 SEPTEMBER 2020

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**PROGRAMME BOOK**

#ECOICO2020

# Challenges and opportunities for managing obesity in adolescents

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

**Virtual symposium**

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## 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**

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. OTILIA 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 1<sup>st</sup>, 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**

08:45-09:00			Congress Opening	ROOM 1
			ASOI - Grace O'Malley (Ireland)	
			EASO - Nathalie Farpour Lambert (Switzerland)	
			WOF - John Wilding (UK)	
			RCSI - Cathal Kelly (Ireland)	
			Minister for Health Ireland - Stephen Donnelly (Ireland)	
09:00-09:30			Opening Plenary: The Current Status in Global Obesity	ROOM 1
			<b>Chairs:</b> Grace O'Malley (Ireland), Nathalie Farpour-Lambert (Switzerland), John Wilding (UK)	
	<b>PD1-01</b>		Global trends in height and BMI of school-aged children and adolescents	A.Rodriguez Martinez (UK)
09:30-10:00			Plenary Discussion: Global Challenges for Obesity post emergence of Covid-19	ROOM 1
			<b>Chairs:</b> Johanna Ralston (US), Dror Dicker (Israel)	
<b>09:30-09:45</b>			COVID-19 and Obesity: Implications for Clinical Practice and Policy	F Pattou (France)
<b>09:45-10:00</b>			Global Diabetes and Obesity in the time of COVID-19	J C Mbanya (Cameroon)
10:00-10:30			Plenary Discussion: Motivated Behaviour and Feeding	ROOM 1
			<b>Chairs:</b> Gijs Goossens (Netherlands), Brian Oldfield (Australia)	
			Motivated Behaviour and Feeding	S Sternson (US)
10:45-12:15			Abstract Discussion Session: Adipose Tissue Biology	ROOM 1
			<b>Chairs:</b> Johan Jocken (Netherlands), Amaia Rodriguez (Spain)	
<b>10:45-11:00</b>	<b>AD01-01</b>		The presence of active brown adipose tissue determines cold-induced thermogenesis and oxylipin profiles in humans	F W Keifer (Austria)
<b>11:00-11:15</b>	<b>AD01-02</b>		Mammary gland adipo-epithelial remodeling during the lactation cycle	G Colleluori (Italy)
<b>11:15-11:30</b>	<b>AD01-03</b>		p27Kip1 deficiency alters brown and white adipose tissues favouring obesity in mice	I Colón Mesa (Spain)
<b>11:30-11:45</b>	<b>AD01-04</b>		NAD+/SIRT expression in adipose tissue and adipocytes in obesity and ageing – a study in BMI-discordant monozygotic twin pairs	H Lapatto (Finland)
<b>11:45-12:15</b>			<b>Discussion</b>	

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10:45-12:15		Abstract Discussion Session: Integrative Physiology	ROOM 2
		Chairs: Alexander Kokkinos (Greece), Kirsi Pietilainen (Finland)	
10:45-10:55	AD02-01	Synergistic effect of feeding time and diet composition on hepatic steatosis and gene expression in male Wistar rats	J E Oosterman (Netherlands)
10:55-11:05	AD02-02	Obesity triggers NLRP3-dependent adipose tissue low-grade inflammation and extracellular matrix remodelling	X Unamuno (Spain)
11:05-11:15	AD02-03	Pregnancy after vertical sleeve gastrectomy in a rodent model: immune impact to dam and offspring during gestation and beyond	B E Grayson (US)
11:15-11:25	AD02-04	Post-weight loss changes in fasting appetite-related hormone concentrations and the effect of macronutrient content of weight maintenance diet	M Nääätänen (Finland)
11:25-11:35	AD02-05	Impact of impaired glucose regulation on hepatic lipid composition in men with non-alcoholic fatty liver disease	S A Willis (UK)
11:35-11:45	AD02-06	Effects of maternal obesity and direct exposure to high-fat diet on bowel functions in offsprings	R Colucci (Italy)
11:45-11:55	AD02-07	Association between rs174537 (FADS1) genotype and immune cell profiles in human abdominal and femoral subcutaneous adipose tissue	C Wang (Canada)
11:55-12:15		Discussion	
10:45-12:15		Abstract Discussion Session: Integrative Physiology	ROOM 3
		Chairs: Peter Aldiss (UK), Cathy Wyse (Ireland), Joseph Proietto (Australia)	
10:45-10:55	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	C M Reynolds (Ireland)
10:55-11:05	AD02-09	Effects of weight loss on center of pressure during walking in children with obesity: A follow-up study	L Zhang (China)
11:05-11:15	AD02-10	Particulate matter exposure and inflammatory gene methylation in subjects with obesity	L Vigna (Italy)
11:15-11:25	AD02-11	Dynamics of fat oxidation from sitting to light exercise in sedentary humans	J Calonne (Switzerland)
11:25-11:35	AD02-12	Lack of (iNOS) gene in leptin-deficient (ob/ob) mice alters the immune responses to acute (Salmonella typhimurium) infection	S Becerril (Spain)
11:35-11:45	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	M Tomková (Slovakia)
11:45-11:55	AD02-14	Pathogenic MAIT cells in obesity - underpinned by defective immunometabolism	A E Hogan (Ireland)
11:55-12:05	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	P Marqués (Spain)
12:05-12:15		Discussion	

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<b>10:45-12:15</b>	<b>Abstract Discussion Session: Brain and Gut</b>		<b>ROOM 4</b>
	Chairs: Carel Le Roux (Ireland), Alex Miras (UK), Mahenderan Appukutty (Malaysia)		
10:45-11:00	AD03-01	Oral butyrate induces satiety and improves insulin resistance via gut microbiota	Z Li (Netherlands)
11:00-11:15	AD03-02	GLP-1 receptor distribution in human, (in vivo) visualization	L Deden (Netherlands)
11:15-11:30	AD03-03	PREDIBAR-Cognition sub-Study - Retinal microperimetry: A useful tool to explore cognitive function before and after bariatric surgery in morbidly obese patients	E Fidilio (Spain)
11:30-11:45	AD03-04	Adipose tissue and brain metabolic responses to western diet - Is there a crosstalk between the two?	A Mazzoli (Italy)
11:45-12:00	AD03-05	Hypothalamic ataxin-2 prevents obesity through the regulation of the circadian clock	S Carmo Silva (Portugal)
12:00-12:15	Discussion		
<b>13:30-14:30</b>	<b>Topic Session: Inter-organ Communication/Integrative Physiology</b>		<b>ROOM 1</b>
	Chairs: Ellen Blaak (Netherlands), Matthias Blüher (Germany)		
13:30-13:50	TS01-01	Gut microbiota and host physiology	E Blaak (Netherlands)
13:50-14:10	TS01-02	Liver – adipose tissue interactions	S Klein (US)
14:10-14:20	TS01-03	Extracellular vesicle -mediated crosstalk between adipose tissue and liver in the development of non-alcoholic fatty liver disease	J M Matilainen (Finland)
14:20-14:30	TS01-04	Molecular pathways behind acquired obesity: multiomics of adipose tissue and skeletal muscle in monozygotic twin pairs discordant for BMI	B van der Kolk (Finland)
<b>13:30-14:30</b>	<b>Topic Session: Adipose Tissue Biology</b>		<b>ROOM 3</b>
	Chairs: Maria Angela Guzzardi (Italy), Gunnar Mellgren (Norway)		
13:30-13:50	TS02-01	Impact of adipocyte progenitors on adipose tissue remodeling	R Gupta (US)
13:50-14:10	TS02-02	Body fat distribution and cardiometabolic risk	M Ryden (Sweden)
14:10-14:20	TS02-03	Novel role for Sult1a1 as a regulator of adipocyte activity and the browning of white adipose tissue	M Springer (Switzerland)
14:20-14:30	TS02-04	Subcutaneous adipose tissue mitochondria gene expression is downregulated after diet-induced but upregulated after bariatric surgery-induced weight loss	M Muniandy (Finland)
<b>12:15-13:45</b>	<b>Abstract Discussion Session: Basic Science</b>		<b>ROOM 4</b>
	Chairs: Emanuel Canfora (Netherlands), Jørn Sagen (Norway)		
12:15-12:25	AD04-01	Modulation of muscle protein synthesis and lipid infiltration in rats by protein intake and high-fat diet	E Poggiogalle (Italy)
12:25-12:35	AD04-02	{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	E Van Schothorst (Netherlands)
12:35-12:45	AD04-03	A branched-chain amino acid-based metabolic score can predict liver fat in children and adolescents with severe obesity	J Lischka (Austria)
12:45-12:55	AD04-04	Should the threshold for assessing fatty liver be lowered in Asian women?	N Michael (Singapore)
12:55-13:05	AD04-05	Lipid metabolism in epicardial adipose tissue of patients with advanced heart failure: focus on cardiac cachexia	L Leňková (Czech Republic)
13:05-13:15	AD04-06	Metagenomic biomarker in precision treatment for obesity: microbiota composition change between before and after a nutrition intervention	A Cuevas Sierra (Spain)
13:15-13:25	AD04-07	Cold but not $\beta$ 3-adrenoreceptor agonism drives adiposity in 'physiologically humanised' animals	P Aldiss (UK)
13:25-13:35	AD04-08	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	F Salas Pérez (Spain)
13:35-13:45	Discussion		

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14:45-15:45	<b>Topic Session: Energy Expenditure and Metabolic Adaptation</b>		<b>ROOM 1</b>
	Chairs: Yves Schutz (Switzerland), James Stubbs (UK)		
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	<b>Accepted Symposium: Nutrition and Fetal Programming</b>		<b>ROOM 2</b>
	Chairs: F McAuliffe (Ireland), C Phillips (Ireland)		
14:45-14:55		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	<b>Accepted Symposium: The Microbiota-Gut-Brain Axis in Obesity</b>		<b>ROOM 3</b>
	Chairs: Harriet Schellekens (Ireland), John Cryan (Ireland)		
14:45-15:00		A gut feeling about body fat	K Nilaweera (Ireland)
15:00-15:15		Adiposity-driven inflammatory mechanisms in obesity: role in neuropsychiatric comorbidities	L Capuron (France)
15:15-15:30		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	<b>Topic Session: Inflammation and Obesity</b>		<b>ROOM 4</b>
	Chairs: Roberto Vettor (Italy), Jan Kopecky (Czech Republic)		
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	<b>EASO New Investigator Award in Basic Science</b>		<b>ROOM 1</b>
	Chair: Gijs Goossens (Netherlands)		
16:00-16:10		The DIVA study: 1-year follow-up outcomes	K Beaulieu (UK)
16:10-16:15	Discussion		L Gait (UK)

**TUESDAY 1 SEPTEMBER 2020**

16:00-17:15	<b>Industry Session: IFA Satellite Symposium : Perspectives for obesity prevention and control in Mexico &amp; Latin American countries in the midst of COVID-19</b>	<b>ROOM 2</b>
	Chair: Simón Barquera (Mexico)	
16:00-16:05	Introduction	S Barquera (Mexico)
16:05- 16:20	The association between obesity, type 2 diabetes, hypertension and severe COVID-19 among Mexicans	E Denova (Mexico)
16:20-16:35	Early nutrition interventions for the prevention of obesity and metabolic diseases	O Perichart (Mexico)
16:35-16:50	Primary health care response to obesity in México and Latin America: Recommendations from international experiences	D Ryan (US)
16:50- 17:00	Stigma and obesity: A perspective on how to position this challenge in the public health agenda	H Esquivias (Mexico)
17:00- 17:15	Q&A	
16:15-17:45	<b>Workshop: Addressing Obesity Stigma &amp; Weight Bias - A Socio-Ecological Approach</b>	<b>ROOM 1</b>
16:15-16:20	Welcome and Introduction	X Ramos Salas (Sweden)
16:20-16:30	Person-first-language policies: A patient call to action	V Mooney (Spain)
16:30-16:40	Weight-bias and obesity stigma: An international call to action	F Rubino (UK)
16:40-16:45	Interactive Discussion	X Ramos Salas (Sweden)
16:45-16:55	Understanding the biological and social drivers of obesity as a way to reduce weight bias and obesity stigma	E Hemmingsson (Sweden)
16:55-17:05	Patient Engagement: Recognizing and addressing internalized weight bias	D Matscheck (Sweden), C Fleetwood (Sweden)
17:05-17:10	Interactive Discussion	X Ramos Salas (Sweden)
17:10-17:20	Weight bias reduction in healthcare: an institutional policy perspective	M Forhan (Canada)
17:20-17:30	Guidelines for reducing weight bias in the media	S Flint (UK)
17:30-17:40	Interactive Discussion	X Ramos Salas (Sweden)
17:40-17:45	Closing Remarks	Ken Clare (UK)



**WEDNESDAY 2 SEPTEMBER 2020**

09:00-09:45	<b>Plenary Discussion: Childhood obesity and risk of adult comorbidities</b>		<b>ROOM 1</b>
	Chairs: Nathalie Farpour-Lambert (Switzerland), Grace O'Malley (Ireland)		
09:00-09:20	PD3-01	Overview of Global Obesity Statistics in Childhood Obesity	C Murrin (Ireland)
09:20-09:40	PD3-02	Childhood body size and growth and adult health	J L Baker (Denmark)
09:40-09:45	Discussion		
09:45-10:45	<b>Topic Session: Nutrition During Infancy and Childhood</b>		<b>ROOM 1</b>
	Chairs: Maria Hassapidou (Greece), Mary Flynn (Ireland)		
09:45-10:05	TS05-01	Sensitive periods in flavour and nutritional programming	J Mennella (US)
10:05-10:25	TS05-02	Food preferences in childhood	A Fildes (UK)
10:25-10:35	TS05-03	Promoting healthy infant feeding to prevent childhood obesity: process evaluation of the Choosing Healthy Eating for Infant Health (CHERISH) intervention	C Flannery (Ireland)
10:35-10:45	TS05-04	Inhibition, maladaptive eating and weight in children and adolescents with obesity	T Naets (Belgium)
09:45-10:45	<b>Accepted Symposium: Co-Create EU Project</b>		<b>ROOM 2</b>
	Chair: Harry Rutter (UK)		
09:45-09:50		Welcome & setting the scene	H Rutter (UK), T Lobstein (UK)
09:50-10:00		STOP: Strengthening evidence and engaging different actors	F Sassi (UK)
10:00-10:10		PEN: Monitoring and accountability of public policies across Europe	W Ahrens (Germany)
10:10-10:20		CO-CREATE: Co-creating policies with youth in Europe	K I Klepp (Norway)
10:20-10:40	Discussion		F Sassi (UK), W Ahrens (Germany), K I Klepp (Norway), M Bjørge Katanasho (Norway)
10:40-10:45	Wrap-up and conclusion		
09:45-10:45	<b>Topic Session: Heterogeneity in the origins of obesity in children &amp; adolescents</b>		<b>ROOM 3</b>
	Chairs: Louise Baur (Australia), Fionnuala McAuliffe (Ireland)		
09:45-10:05	TS06-01	Maternal obesity and weight gain during pregnancy: associations with childhood obesity and cardiometabolic health	R Gaillard (Netherlands)
10:05-10:25	TS06-02	Understanding heterogeneity in childhood to young-adulthood body mass index trajectories	W Johnson (UK)
10:25-10:35	TS06-03	The influence of maternal glucose concentrations in early-pregnancy on cardio-metabolic risk factors in childhood	R J Wahab (Netherlands)
10:35-10:45	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	D E Lowry (Canada)

**WEDNESDAY 2 SEPTEMBER 2020**

09:25-11:15	<b>Abstract Discussion Session: Obesity in Children and Adolescents</b>		<b>ROOM 4</b>
	<b>Chairs:</b> Paulina Matelska (Poland), Ana Rito (Portugal)		
09:25-09:35	<b>AD05-01</b>	Training pediatric residents to improve obesity management	M Yafi (US)
09:35-09:45	<b>AD05-02</b>	i-PATHWAY: Development and validation of a clinical prediction model for childhood obesity in Australia	O J Canfell (Australia)
09:45-09:55	<b>AD05-03</b>	"Emotions and communication in parenting" - Parenting skills after a randomized controlled trial for obesity treatment in pre-schoolers	M Somaraki (Sweden)
09:55-10:05	<b>AD05-04</b>	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	S M Phillips (UK)
10:05-10:15	<b>AD05-05</b>	Overfat and obesity in Irish children: The association between body mass index and percentage body fat	A Odonnell (Ireland)
10:15-10:25	<b>AD05-06</b>	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	R B Featherstone (Canada)
10:25-10:35	<b>AD05-07</b>	A sleep modification programme in early infancy is a cost-effective and affordable approach to obesity prevention in young children	A Hayes (Australia)
10:35-10:45	<b>AD05-08</b>	Birth weight and childhood body mass index and risks of benign breast disease	L G Bjerregaard (Denmark)
10:45-10:55	<b>AD05-09</b>	"Give me a healthy tip". Development and feasibility of a family-based intervention using intelligent personal assistants: A randomised controlled trial	A Carlin (UK)
10:55-11:05	<b>AD05-11</b>	Which is the best measure of cumulative exposure to body mass index for the detection of metabolic alterations in young adulthood?	J Araújo (Portugal)
11:05-11:15	<b>AD05-12</b>	Factors associated with childhood overweight and obesity in western Austria: A 12-year investigation in 39,641 kindergarten children	C Mähr (Austria)
11:00-12:30	<b>Abstract Discussion Session: Management and Treatment</b>		<b>ROOM 1</b>
	<b>Chairs:</b> Cilius Esmann Fonvig (Denmark), Clodagh O'Gorman (Ireland), Marie-Laure Frelut (France)		
11:00-11:15	<b>AD06-05</b>	Exploring the clinical effectiveness of a mobile-Health intervention for adolescent weight-management	G O'Malley (Ireland)
11:15-11:30	<b>AD06-02</b>	Increasing sleep duration improves insulin sensitivity in adolescents with obesity: A Sleep Manipulation in Adolescents at Risk of Type 2 Diabetes (SMART2D) study	C Dutil (Canada)
11:30-11:45	<b>AD06-03</b>	An evaluation of the acceptability of a 3D body image scale to initiate conversations about weight in childhood: A mixed-methods study	A Smith (UK)
11:45-12:00	<b>AD06-04</b>	Obesity prevention in the first years of life: Stories beyond publications from Healthy Beginnings research and translation	L M Wen (Australia)
12:00-12:15	<b>AD06-01</b>	Liraglutide for weight management in pubertal adolescents with obesity: a randomised controlled trial	A S Kelly (US)
12:15-12:30	<b>Discussion</b>		

**WEDNESDAY 2 SEPTEMBER 2020**

11:00-12:30	<b>Abstract Discussion Session: Early life risk factors for obesity and later health outcomes</b>		<b>ROOM 2</b>
	Chairs: Jennifer L Baker (Denmark), George Msengi (Tanzania)		
11:00-11:15	AD07-01	Association of trimester-specific gestational weight gain with offspring body composition and insulin resistance at age 6 years: The GUSTO study	S A Sadananthan (Singapore)
11:15-11:30	AD07-02	Cord blood metabolomic signatures of childhood overweight	E Handakas (UK)
11:30-11:45	AD07-03	Psychological health difficulties and socio-economic status in treatment-seeking children and adolescents with obesity	M Dow (Ireland)
11:45-12:00	AD07-04	Prospective association between a Mediterranean-style diet and cardiometabolic risk in adolescents and young adults: Findings from the ALSPAC birth cohort	G Buckland (UK)
12:00-12:15	AD07-05	The duration of overweight and risk of chronic diseases: The Kaunas Cardiovascular Risk Cohort Study	V Kriaucioniene (Lithuania)
12:15-12:30	AD07-06	Trajectories of body mass index in boys and risks of obesity-related cancers in adult life	B Wang Jensen (Denmark)
11:00-12:30	<b>Abstract Discussion Session: Translating policy to address obesity in children: Insights from practice</b>		<b>ROOM 3</b>
	Chairs: Kevin Balanda (Ireland), Louisa Ells (UK)		
11:00-11:15	AD08-01	Parents' perspectives on preventing childhood obesity. A qualitative study from preschool child health centers	G K Øen (Norway)
11:15-11:30	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?	J Newberry Le Vay (UK)
11:30-11:45	AD08-03	Lipid disorders in children with overweight and obesity: Results of the study of 1948 children from Poland	M Brzeziński (Poland)
11:45-12:00	AD08-04	Patterns of tertiary healthcare utilisation among children with obesity and associated costs: A retrospective cohort study	L Tully (Ireland)
12:00-12:15	AD08-05	The effect of a physical activity consultation in the management of adolescents overweight (PAC-MAN). Six-month results from a non-Randomized Controlled Trial	A Videira Silva (Portugal)
12:15-12:30	Discussion		
11:15-12:30	<b>Topic Session: Physical Fitness and Function in Childhood</b>		<b>ROOM 4</b>
	Chairs: Grace O'Malley (Ireland), Colin Dunlevy (Ireland)		
11:15-11:35	TS07-01	Musculoskeletal health in children and adolescents	M Tsiros (Australia)
11:35-11:55	TS07-02	Cardiovascular and cardiorespiratory health in obesity	J Ryder (US)
11:55-12:15	Patient Perspectives on physical health: ECPO Recordings, ICPO and ECPO		
12:15-12:30	General discussion		

**WEDNESDAY 2 SEPTEMBER 2020**

12:30-13:30	<b>Healthy Hydration Working Group: Healthy hydration in children from health benefits to intervention programs encouraging water consumption:</b>		<b>ROOM 1</b>
	Chairs: H. Toplak (Austria)		
12:30-12:32		Introductory talk	H. Toplak (Austria)
12:32-12:48		Hydration in children: from fluid intake to cognitive performance	J. Zemdegs (France)
12:48-13:04		Belgian Primary School Children's Hydration Status at School and Its Personal Determinants	N.Michels (Belgium)
13:04- 13:20		Understanding desire for sugar-sweetened beverages and implications for behaviour change	E. Papias (UK)
13:20-13:30		<b>Discussion</b>	
13:30-14:30	<b>Accepted Symposium: Digital Food Marketing to Youth</b>		<b>ROOM 1</b>
	Chair: João Breda (Russia)		
13:30-13:45	AS5-01	Digital food marketing to young people: Latest evidence of exposure, power and impact	E Boyland (UK)
13:45-14:00		Novel approaches to monitor and restrict digital marketing to children	K Wickramasinghe (Russia)
14:00-14:15		Campaigning for policy change on junk food marketing to children and young people	H O'Donnell (Ireland)
14:15-14:30		<b>Discussion</b>	
13:30-14:30	<b>Topic Session: Prevention and Treatment of Obesity in Childhood</b>		<b>ROOM 2</b>
	Chairs: Aaron Kelly (US), Ram Weiss (Israel)		
13:30-13:50	TS08-01	Prevention in the early years	R Laws (Australia)
13:50-14:10	TS08-02	Screening children with obesity for obesity related complications.	R Weiss (Israel)
14:10-14:30		<b>Discussion</b>	
13:30-14:30	<b>Accepted Symposium: Pediatric Obesity Registries: Improving patient care for children and adolescents with obesity</b>		<b>ROOM 3</b>
	Chair: Shelley Kirk (US)		
13:30-13:37	AS6-01	Overview of established paediatric obesity registries (POWER; CANPWR, BORIS and AVP)	S Kirk (US)
13:37-13:44	AS6-02	Health issues of treatment-seeking youth with obesity: Lessons from paediatric obesity registries	R Holl (Germany)
13:44-13:51	AS6-03	Parent perspective on expectations of weight management services designed for children and adolescents	B Keenan (Ireland)
13:51-13:58	AS6-04	A more holistic approach to framing health outcomes for paediatric weight management beyond weight status	K Morrison (Canada)
13:58-14:05	AS6-05	Considerations and challenges of paediatric obesity registry data collection and management: Data harmonization required for collaborative research	W Stratbucker (US)
14:05-14:12	AS6-06	Opportunities for linking national data sets to paediatric obesity registry data: Lessons from Scandinavia	C Marcus (Sweden)
14:12-14:30		Panel Discussion: An interactive discussion on issues raised by symposium speakers and attendees	L Baur (Australia), G O'Malley (Ireland)

**WEDNESDAY 2 SEPTEMBER 2020**

13:30-14:30		Abstract Discussion Session: Obesity in Children and Adolescents	ROOM 4
		Chairs: Petur Juliusson (Norway), Pawel Matusik (Poland)	
13:30-13:35	AD05-14	Cost-effectiveness of an obesity management program for 6-15 year old children in Poland. Data from over three thousand participants	M Brzeziński (Poland)
13:35-13:40	AD05-15	Effect of liraglutide treatment on weight parameters in children and adolescents with type 2 diabetes: Post hoc analysis of the ellipse trial	M M Oberle (US)
13:40-13:45	AD05-16	Early infant feeding of formula or solid foods and risk of childhood overweight or obesity in a low socioeconomic area - Lebanon	Y Sacre (Lebanon)
13:45-13:50	AD05-18	What can we learn from very early childhood obesity prevention interventions in Australia and New Zealand? A multi-method study	B Johnson (Australia)
13:50-13:55	AD05-19	Characteristics of metabolic syndrome in adolescents aged 16-19 years	M Mitkova Orbetzova (Bulgaria)
13:55-14:00	AD05-20	Eating not feeding: Improving primary school meals in Scotland	A Gryka Macphail (UK)
14:00-14:05	AD05-21	Obesity and diabetes in children and adolescents with Down Syndrome: data from a large diabetes centre in the United Arab Emirates	N Lessan (UAE)
14:05-14:10	AD05-22	Modelling determinants of childhood obesity in Irish adolescents	M Dow (Ireland)
14:10-14:15	AD05-23	Relationship between family completeness and overweight/obesity indicators in 7 years old children in the Czech Republic (COSI project 2019), preliminary results	P Kalousková (Czech Republic)
14:15-14:20	AD05-24	Drilling down: Exploring how socioeconomic inequalities in the weight status of Australian children develop	A Killedar (Australia)
14:20-14:30		Discussion	
14:45-16:15		Industry Session	ROOM 1
		Novo Nordisk Satellite Symposium	
16:15-16:30		EASO New Investigator Award in Childhood Obesity	ROOM 1
		Chairs: Jennifer L Baker (Denmark), Jens-Cristian Holm (Denmark)	
16:15-16:25		Changing parent's infant feeding behaviours to prevent childhood obesity: Identifying important outcome measures	K Matvienko-Sikar (Ireland)
16:25-16:30		Discussion	
16:30-17:30		Childhood Obesity Teaching Course	ROOM 1
		Chairs: Jennifer L Baker (Denmark), Jens-Cristian Holm (Denmark)	
16:30-16:45		Prevalence and trends in obesity in children	J L Baker (Denmark)
16:45-17:00		How to speak with children	G O'Malley (Ireland)
17:00-17:15		Clinical assessment and referral	J C Holm (Denmark)
17:15-17:30		Care of children in the time of crisis	N Farpour-Lambert (Switzerland)

**THURSDAY 3 SEPTEMBER 2020**

09:00-09:30	<b>Plenary Discussion: Training of Health Professionals and Delivery of Care at Population Level</b>		<b>ROOM 1</b>
	Chair: Grace O'Malley (Ireland)		
09:00-09:30	Training of Health Professionals and Delivery of Care at Population Level		L Baur (Australia)
09:30-10:30	<b>Topic Session: Obesity Prevention - Settings based Approaches</b>		<b>ROOM 1</b>
	Chairs: Tommy Visscher (Netherlands), Aaron Emmel (US)		
09:30-09:50	TS09-01	Community-based systems approaches	S Allender (Australia)
09:50-10:10	TS09-02	National food labeling: Policy implementation	R Endevelt (Israel)
10:10-10:20	TS09-03	The effect of integrated nutritional intervention in a communal dining room: Results from the NEKST study	O K Shufan Israel
10:20-10:30	TS09-04	Putting the pieces together – using the evidence to inform public health practice, an example from the START campaign	C I Mcgowan (Ireland)
09:30-10:30	<b>Topic Session: Food Marketing</b>		<b>ROOM 2</b>
	Chairs: Emma Boyland (UK), Colin Tukuitonga (Pacific Islands)		
09:30-09:45	TS10-01	Insights from South America	T Correa (Chile)
09:45-10:00	TS10-02	Regulating food marketing to children: key issues and debates	E Boyland (UK)
10:00-10:15	TS10-03	Healthy food retail- taking it to scale	A Peeters (Australia)
10:15-10:30	TS10-04	Objective understanding of the front-of-pack nutrition label Nutri-Score and its effect on food choices in Mediterranean European countries	M Egnell (France)
09:30-10:30	<b>Topic Session: Nutritional Composition - are all calories equal?</b>		<b>ROOM 3</b>
	Chairs: Teodora Handjieva-Darlenska (Bulgaria), Gary Wittert (Australia)		
09:30-09:50	TS11-01	Effective obesity treatment: The personalised diet approach	A Astrup (Denmark)
09:50-10:10	TS11-02	Carbohydrates versus calories: what works in obesity management	E Govers (Netherlands)
10:10-10:20	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	M Westerterp Plantenga (Netherlands)
10:20-10:30	Discussion		
09:30-10:30	<b>Topic Session: Increasing Physical Activity Levels</b>		<b>ROOM 4</b>
	Chairs: Kristine Beaulieu (UK), Alice Bellicha (France)		
09:30-09:50	TS12-01	Moving from sedentary behaviour and inactivity to light activity in clinical populations	S McDonough (Ireland)
09:50-10:10	TS12-02	Translating policy into practice: The evidence	C Woods (Ireland)
10:10-10:20	TS12-03	Do parents properly assess children's physical activity level? – A study of over 20 thousand children and parents dyads	P Metelska (Poland)
10:20-10:30	Discussion		

**THURSDAY 3 SEPTEMBER 2020**

10:30-11:30	<b>Topic Session: Food Policies</b>		<b>ROOM 1</b>
	<b>Chair:</b> Ronit Endevelt (Israel)		
10:30-10:45	TS13-01	The impact of international trade and development on socioeconomic position	S Friel (Australia)
10:45-11:00	TS13-02	Providing measurement, evaluation, accountability, and leadership support (MEALS) for NCDs prevention: Lessons from Ghana	A Laar (Ghana)
11:00-11:15	TS13-03	Implementing nutrition policy: Lessons from Brasil	C Monteiro (Brazil)
10:30-11:45	<b>Abstract Discussion Session: Behavioural and Public Health</b>		<b>ROOM 2</b>
	<b>Chairs:</b> Janas Harrington (Ireland), Dana Mullerova (Cz)		
10:30-10:39	AD12-11	Influence of food texture on satiation and satiety: systematic review and meta-analysis	E Stribitcaia (UK)
10:39-10:48	AD12-12	The associations of leptin and adiponectin with metabolic syndrome in an Indonesian and a Dutch population	F Sulistyowati Sigit (Netherlands)
10:48-10:57	AD12-13	Gender-specific associations of psychobehavioral parameters with insulin resistance in the PREVIEW lifestyle intervention	T C Adam (Netherlands)
10:57-11:06	AD12-14	Total dietary antioxidant capacity and longitudinal trajectories of body composition: The Rotterdam study	N van der Schaft (Netherlands)
11:06-11:15	AD12-16	Fructose-sweetened beverage consumption promotes hepatic de novo lipogenesis in healthy humans - a double-blind randomized controlled trial	B Geidl (Switzerland)
11:15-11:24	AD12-17	The influence of maternal early-pregnancy dietary glycemic index and load on fetal growth patterns and the risk of adverse birth outcomes	R J Wahab (Netherlands)
11:24-11:33	AD12-18	Fruit Heroes – Healthy School Snack: Impact of an educational intervention on promoting regular intake of fruits among pre- and primary school children	R Martins (Portugal)
11:33-11:42	AD12-19	Increases in waist circumference independent of weight in Mongolia over the last decade: the Mongolian STEPS surveys	O Chimeddamba (Mongolia)
11:42-11:45	<b>Discussion</b>		
10:30-11:30	<b>Abstract Discussion Session: Mental Health</b>		<b>ROOM 3</b>
	<b>Chair:</b> Andrew Hill (UK)		
10:30-10:40	AD10-01	Results of the first consensus meeting on Standardisation of Quality of life measures in Obesity Treatment	C De Vries (Netherlands)
10:40-10:50	AD10-02	Weight struggles at an early age are associated with greater obesity class and hopelessness: A call for timely intervention	W Coutinho (Brazil)
10:50-11:00	AD10-03	Association between reward-related feeding behavior and depression: relevance for obesity	G Ribeiro (Portugal)
11:00-11:10	AD10-04	The effect of physical activity on long-term self-reported health status and chronic diseases	I Tzintzun (France)
11:10-11:20	AD10-05	Weight related terminology: An exploratory study of emotional response and weight bias internalisation	S W Flint (UK)
11:20-11:30	AD10-06	Weight management for service users with mental illness and/or learning disabilities: A large-scale multiagency intervention in North-East England	E L Giles (UK)

**THURSDAY 3 SEPTEMBER 2020**

10:30-11:45	<b>Abstract Discussion Session: Vulnerable Populations</b>		<b>ROOM 4</b>
	Chairs: Susanna Lehtinen-Jacks (Finland), Trevor Hassell (Barbados)		
10:30-10:39	AD11-01	Socioeconomic position and body composition trajectories in the UK millennium cohort study	C Bridger Staatz (UK)
10:39-10:48	AD11-02	Recruiting parents from disadvantaged backgrounds for infant nutrition research: barriers, facilitators and recommendations for future research	L Tully (Ireland)
10:48-10:57	AD11-03	Distributions of body mass index by socio economic position in older people	K O'Neill (Ireland)
10:57-11:06	AD11-04	Leveraging public-private partnerships to provide a person-centred high-tech high-touch approach to obesity management in Lagos, Nigeria	K Njoku (Nigeria)
11:06-11:15	AD11-05	Obesity after kidney transplantation	M De Zwaan (Germany)
11:15-11:24	AD11-06	Association of longitudinal changes in metabolic syndrome status with incident Parkinson's disease	S Kim (South Korea)
11:24-11:33	AD11-07	Current practice of GDM Prevention through dietary intervention is ineffective in highest risk ethnic groups	H Fuller (UK)
11:33-11:45	Discussion		
11:45-13:00	<b>Accepted Symposium: Simulation Models for Health Economic Assessments of Obesity</b>		<b>ROOM 1</b>
	Chairs: Samira Barbara Jabakhanji (Ireland), Kevin Balanda (Ireland)		
11:45-12:00		The German Obesity Model: modelling approach, results and implications	D Sonntag (Germany)
12:00-12:15		Modeling Obesity in Norway (The MOON Study): a decision-analytic approach	G Bjørnelv (Norway)
12:15-12:30	AS7-03	How can simulation models contribute to the development of multimodal treatment algorithms?	V Halsteinli (Norway), R Ødegård (Norway)
12:30-12:35		Reflection on simulation modelling from a clinical perspective	C Marcus (Sweden)
12:35-12:55		Podium discussion	K Balanda (Ireland)
12:55-13:00	AS7-07	Future opportunities for modelling obesity outcomes using simulation models	S B Jabakhanji (Ireland)
11:45-13:00	<b>Abstract Discussion Session: Behavioural and Public Health</b>		<b>ROOM 2</b>
	Chairs: Catherine Gibbons (UK), Marie Gombert (France)		
11:45-11:53	AD12-01	Public health campaign linking sugary drinks, unhealthy weight and cancer risk	J Martin (Australia)
11:53-12:01	AD12-02	Development of an evidence map of literature relevant to health economic and disease modeling of patients with obesity	G Phillips (US)
12:01-12:09	AD12-03	Cluster randomised controlled feasibility study of HENRY: A community-based intervention aimed at reducing obesity rates in preschool children	M Bryant (UK)
12:09-12:17	AD12-04	Building Momentum: Lessons on implementing robust restrictions of food and non-alcoholic beverage marketing to children	K Oldridge-Turner (UK)
12:17-12:25	AD12-05	Examining changes in exercise levels and influencing factors throughout pregnancy: A multi-cohort study	S Callaghan (Ireland)
12:25-12:33	AD12-08	Eating like an American: Impact of Free Trade Agreements on Unhealthy Food Imports in the Americas	I Tzintzun (France)
12:33-12:41	AD12-09	Leptin levels at birth and school-age, and appetitive behaviors at age 7: A prospective birth-cohort study	S Warkentin (Portugal)
12:41-12:49	AD12-10	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	H Bergmeier (Australia)
12:49-13:00	Discussion		



**THURSDAY 3 SEPTEMBER 2020**

11:45-12:45	<b>Abstract Discussion Session: Epidemiology</b>		<b>ROOM 3</b>
	Chair: Lauren Lissner (Sweden)		
11:45-11:55	AD09-01	Central adiposity is associated with reduced cerebral perfusion: Evidence from the Irish Longitudinal Study on Ageing (TILDA)	E Laird (Ireland)
11:55-12:05	AD09-02	The role of birth generation and gender in the age trajectories of obesity and its risk factors in the Doetinchem study	D Ibi (Netherlands)
12:05-12:15	AD09-03	40-Year mortality among persons hospital-diagnosed with overweight or obesity	S Bjerge Gribsholt (Denmark)
12:15-12:25	AD09-04	Associations between dietary patterns with CVD and total mortality among 118 554 adults from the UK Biobank: A prospective cohort study	M Gao (UK)
12:25-12:35	AD09-05	The modifying effects of obesity on the association between air pollution and stroke: A systematic review	C B Dillon (Ireland)
12:35-12:45	AD09-06	Relationship between alcohol consumption and obesity and metabolic syndrome in Korean using the Korean national health insurance system	H Jung Shin (South Korea)
13:15-14:00	<b>Plenary Discussion: The Global Syndemic - Social Lobbying and Policy Influence from Industry</b>		<b>ROOM 1</b>
	Chairs: Joao Breda (Portugal), Tim Lobstein (UK)		
13:15-14:00		The Global Syndemic - Social Lobbying and Policy Influence from Industry	B Dietz (US), C Hawkes (UK), S Barquera (Mexico)
14:15-15:45	<b>Special Session: Obesity and Covid-19</b>		<b>ROOM 1</b>
	Chair: John Wilding (UK), Luca Busetto (Italy)		
14:15-14:30		Obesity and Covid-19: Immunological perturbations, therapeutic challenges and opportunities in Obesity	Gijs Goossens (Netherlands)
14:30-14:45		The patient perspective: Impact of COVID-19 on people living with obesity (PwO) and access to care	S Chhabra (India), A Urudinachi (Nigeria)
14:45-15:00		Access to Care: Insights from the OPEN Survey Results	V Mooney (Ireland), A Tahrani (UK)
15:00-15:15		Physiotherapy and rehabilitation in COVID-19: optimising function	P Thomas (Australia)
15:15-15:30		COVID-19 in children and its impact on childhood obesity	N Farpour-Lambert (Switzerland),
15:30-15:45	<b>Discussion</b>		

**THURSDAY 3 SEPTEMBER 2020**

16:00-16:30	<b>WOF Award Session: The WPT James Award Lecture</b>		<b>ROOM 1</b>
	Chairs: John Wilding (UK), Tim Lobstein (UK)		
16:00-16:05		Introduction of award and recipient	J Wilding (UK), P T James (UK)
16:05-16:25		Lecture presented	T Lobstein (UK)
16:25-16:30		Q&A and closing	T Lobstein (UK), J Wilding (UK)
16:30-16:45	<b>EASO New Investigator Award in Public Health</b>		<b>ROOM 1</b>
	Chairs: Susanna Lehtinen-Jacks (Finland)		
16:20-16:40		Interventions to improve the quality of the grocery shopping for the prevention of chronic diseases	C Piernas (UK)
16:40-16:45	<b>Discussion</b>		
16:45-17:30	<b>Plenary Discussion: Global Perspectives in Stigma and Discrimination</b>		<b>ROOM 1</b>
	Chairs: Francesco Rubino (UK), Alafia Samuels (Jamaica)		
16:45-17:30		A discussion on the global perspectives in stigma and discrimination	S Birney (Ireland), X Ramos-Salas (Sweden), N Sobers (Barbados)
17:30-19:30	<b>HEALTH CARE PROFESSIONAL TEACHING WORKSHOPS</b>		
17:30-18:10	<b>Joint Multi-professional Teaching Session</b>		<b>ROOM 1</b>
	Chairs: Donal O'Shea (Ireland), Grace O'Malley (Ireland)		
17:30-17:35	Welcome		
17:35-18:00	Obesity is a Chronic Disease - how do we manage it as such?		A Sharma (Canada)
18:00-18:10	Live Q&A		
18:10-19:30	<b>Dietetics Teaching Session</b>		<b>ROOM 2</b>
	Chairs: Maria Hassapidou (Greece), Cathy Breen (Ireland)		
18:10-18:15	Welcome		
18:15-18:40	Combining both short and long term dietary strategies in the management of adult obesity		D Duggan (Ireland)
18:40-19:00	The Registered Dietitian as a central care provider in obesity management		E Govers (The Netherlands)
19:00-19:15	The role of food in the management of obesity - the patients perspective		S Siguradottir (Iceland)
19:15-19:30	Live Q&A		

**THURSDAY 3 SEPTEMBER 2020**

<b>18:10-19:30</b>	<b>Nursing Teaching Session</b>	<b>ROOM 3</b>
	Chair: Karen Gaynor (Ireland)	
<b>18:10-18:15</b>	Welcome	
<b>18:15-18:40</b>	Obesity from a nursing and patient perspective	K Clare (UK)
<b>18:40-19:00</b>	The role of the Nurse in a Weight Management Service	J J Lovely (Canada)
<b>19:00-19:15</b>	Nursing interventions in relation to Bariatric Surgery	T Jenkins (UK)
<b>19:15-19:30</b>	Live Q&A	
<b>18:10-19:30</b>	<b>Physiotherapy Teaching Session</b>	<b>ROOM 4</b>
	Chair: Grace O'Malley (Ireland)	
<b>18:10-18:15</b>	Welcome	
<b>18:15-18:40</b>	Physiotherapy in Weight Management: A WHO-ICF and behavioural approach	E O'Malley (Ireland) C Dunlevy (Ireland)
<b>18:40-19:00</b>	Physical Fitness and function: the perspective from a PWO	L Lennon (Ireland)
<b>19:00-19:15</b>	Considerations in children and adolescents	G O'Malley (Ireland)
<b>19:15-19:30</b>	Live Q&A	

# EXTENDING THE DIALOGUE: A CENTRAL ROLE FOR THE MULTIDISCIPLINARY TEAM IN OBESITY CARE

13:00 – 14:00 | Friday 4<sup>th</sup> September 2020

Available on the ECO-ICO Online 2020 congress platform

**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!

Donal O'Shea

Michael Vallis

Susie Birney



This event has been awarded  
0.5 SCOPE point.

The *Extending the dialogue: a central role for the multidisciplinary team in obesity care, Dublin, Ireland, 04/09/2020-04/09/2020* has been accredited by the European Accreditation Council for continuing Medical Education (EACCME<sup>®</sup>) with 1 European CME credits (ECMEC<sup>®</sup>s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

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This symposium is supported by an educational grant from Novo Nordisk A/S.



**ECO-ICO 2020  
VIRTUAL SATELLITE SYMPOSIUM**

*presents*

**PATIENT-CENTRIC APPROACHES  
TO THE TREATMENT OF OBESITY**

Friday, September 4, 2020 | 13:00 - 14:30 CET  
<https://mbl.is/ecoico2020-curraxpharma>

*featuring*

Topic	Speaker
Nature vs. Nurture: Prevalence and Causes of Obesity	Barbara McGowan MA (OXF) MBBS FRCP Ph.D. Consultant and Reader in Diabetes and Endocrinology Guy's and St Thomas's Hospital NHS Trust (GSTT) London, England
Treatment Goals in Obesity: The Impact of Weight Loss - Managing Expectations	Univ. Prof. Dr. Hermann Toplak Medical University of Graz Univ. Internal Medicine Clinic Graz, Austria
Motivational Interviewing Patients with Obesity: How to Motivate Patients to Be Ready for the Change	Dayna Lee-Baggley, Ph.D. Registered Psychologist, Cancer Care Nova Scotia Director, Behaviour Change Research Institute Assistant Professor, Dalhousie University Halifax, NS



**FRIDAY 4 SEPTEMBER 2020**

<b>09:00-09:30</b>		<b>Plenary Discussion: Bariatric Surgery and Pharmacotherapy: Long-Term Outcomes and Weight Regain</b>	<b>ROOM 1</b>
		<b>Chairs:</b> Jean O-Connell (Ireland), Volkan Yumuk (Turkey)	
<b>09:00-09:10</b>	<b>PD7-01</b>	Long term outcomes and weight regain after bariatric surgery	R Cohen (Brazil)
<b>09:10-09:20</b>	<b>PD7-02</b>	Long term pharmacotherapy after Bariatric Surgery weight regain	D Dicker (Israel)
<b>09:20-09:30</b>		Patient perspectives	V Mooney (Ireland)
<b>09:30-10:30</b>		<b>EASO OMTF Teaching Session: Weight Maintenance as a Therapeutic Target</b>	<b>ROOM 2</b>
		<b>Chairs:</b> Luca Busetto (Italy), Dror Dicker (Israel)	
<b>09:30-09:45</b>		Mechanisms for weight regain	C le Roux (Ireland)
<b>09:45-10:00</b>		Eating behavior and weight maintenance	B Heitmann (Denmark)
<b>10:00-10:15</b>		The role of physical activity in weight maintenance	J M Oppert (France)
<b>10:15-10:30</b>		Weight maintenance as a target of pharmacological intervention	L Busetto (Italy)
<b>09:30-10:30</b>		<b>Topic Session: Physical Activity - Impact for Weight Management</b>	<b>ROOM 3</b>
		<b>Chairs:</b> Andrea Ermolao (Italy), Ada Cuevas (Chile)	
<b>09:30-09:45</b>	<b>TS14-01</b>	Physical activity and weight regulation	A Dulloo (Switzerland)
<b>09:45-10:00</b>	<b>TS14-02</b>	Activity and appetite in children and adolescents	D Thivel (France)
<b>10:00-10:10</b>	<b>TS14-03</b>	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)
<b>10:10-10:20</b>	<b>TS14-04</b>	Exercise training and protein supplementation RCT after bariatric surgery: A 5-year follow-up study	A Bellicha (France)
<b>10:20-10:30</b>		<b>Discussion</b>	
<b>09:30-10:30</b>		<b>Topic Session: Success and Failure in Clinical Intervention</b>	<b>ROOM 4</b>
		<b>Chairs:</b> Abd Tahrani (UK), Hermann Toplak (Austria)	
<b>09:30-09:45</b>	<b>TS15-01</b>	Lessons from LookAhead	E Gregg (UK)
<b>09:45-10:00</b>	<b>TS15-02</b>	Success and failure in terms of psychoemotional health	R Dalle Grave (Italy)
<b>10:00-10:15</b>		Perspective from the European Coalition for People Living with Obesity (ECPO)	K Clare (UK)
<b>10:15-10:30</b>		<b>Discussion</b>	

FRIDAY 4 SEPTEMBER 2020

10:45-11:45		Abstract Discussion Session: Management and Intervention	ROOM 1
		Chairs: Dragan Micic (Serbia), Fabrizio Pasanisi (Italy)	
10:45-10:55	AD13-01	A combined lifestyle intervention with cognitive behavioral therapy has the potential to reduce weight as well as depressive symptoms in adults with lifestyle-related obesity	E S Van Der Valk (Netherlands)
10:55-11:05	AD13-02	Circulating levels of myokines are stronger modified after a very low-calorie ketogenic diet than bariatric surgery or low-calorie diet in patients with obesity	A B Crujeiras (Spain)
11:05-11:15	AD13-03	Energy expenditure during sleep is an independent marker of insulin-resistance: A crosssectional study of subjects with obesity/overweight	D Tuccinardi (Italy)
11:15-11:25	AD13-05	Effectiveness of liraglutide 3.0 mg for weight management on Asian: real-world clinical data in Korea	J H Park (South Korea)
11:25-11:35	AD13-06	Body Mass Index and its Correlation with Lower Limb Cellulitis in a Specialist Weight Management Service in Ireland	C Dunlevy (Ireland)
11:35-11:45	AD13-07	Abdominal subcutaneous fat thickness and HOMA-IR as simple predictors of nonalcoholic steatohepatitis	M A Elmonem Hegazy (Egypt)
10:45-11:55		Abstract Discussion Session: Management and Intervention	ROOM 2
		Chairs: Ebaa Al Ozairi (Kuwait), Ketevan Asatiani (Georgia), Constantine Tsigos (Greece)	
10:45-10:55	AD13-08	Improving the estimation of visceral adipose tissue amount using novel metabolite biomarkers	S Boone (Netherlands)
10:55-11:05	AD13-09	Changes in blood pressure during the Total Diet Replacement phase of the Diabetes Remission Clinical Trial (DiRECT)	W S Leslie (UK)
11:05-11:15	AD13-10	Decision-making processes when caring for older adults with extreme obesity in nursing homes	H Rook (New Zealand)
11:15-11:25	AD13-11	A common SNP in RXR alpha is associated with lower prevalence of fractures in the Swedish Obese Subjects (SOS) study	M Taube (Sweden)
11:25-11:35	AD13-12	Feasibility and Reproducibility of the Muscle Sound® Technique in a Morbidly Obesity Population: MUST-MOP Study, a Preliminary Analysis	D Sizoo (Netherlands)
11:35-11:45	AD13-13	Predictors of weight loss after bariatric surgery – a cross-disciplinary approach combining physiological, behavioral, social and psychological measures	M S Nielsen (Denmark)
11:45-11:55	AD13-14	Applying diabetes and obesity research in a real-world setting: designing and implementing a complex multidisciplinary obesity intervention	A Duncan (UK)
10:45-11:55		Abstract Discussion Session: Management and Intervention	ROOM 3
		Chairs: Dominique Durrer (Switzerland), Simon Williams (UK)	
10:45-10:55	AD13-15	Three-year outcomes of the Doctor Referral of Overweight People to Low-Energy Total Diet Replacement Treatment (DROPLET) randomised controlled trial	N M Astbury (UK)
10:55-11:05	AD13-16	Body weight and nutritional modifications after total or hemithyroidectomy	J Malandra (Italy)
11:05-11:15	AD13-17	Evaluation of ectopic hepatic and visceral fat in patients with gastroenteropancreatic neuroendocrine tumors	L Barrea (Italy)
11:15-11:25	AD13-18	Adult Subjects with Prader-Willi Syndrome Show a Lower Phase Angle Than Matched Obese Subjects	L Barrea (Italy)
11:25-11:35	AD13-19	Impact of a Healthy lifestyle modification intervention in Adults with an Intellectual Disability (ID) and obesity	P Boylan (Ireland)
11:35-11:45	AD13-20	Therapeutic educational robot enhancing social interactions in the management of obesity (teresa)	M F Calabria (Italy)
11:45-11:55	AD13-21	Prediction of liraglutide effectiveness in patients with obesity	O Logvinova (Russia)

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10:45-11:35		Abstract Discussion Session: Bariatric Surgery	ROOM 4
		Chairs: Jøran Hjelmæsæth (Norway), Eleonora Poggiogalle (Italy)	
10:45-10:55	AD14-01	Post-bariatric surgery reactive hypoglycemia: mechanism and new therapeutic options	M Sánchez Pérez (Spain)
10:55-11:05	AD14-02	Primary weight loss failure after gastric bypass is characterized by absent gut-hormone mediated regulation of food intake	K N Bojsen-Moller (Denmark)
11:05-11:15	AD14-03	Persistence of metabolic adaptation 1-year and 5-year after laparoscopic sleeve gastrectomy	S Bettini (Italy)
11:15-11:25	AD14-04	Association of glucose variability and hypoglycemia with weight regain after gastric bypass	M Rodríguez Flores (Mexico)
11:25-11:35	AD14-05	Basic demographic characteristics for the bariatric surgery patients in Alexandrovska University Hospital, Sofia, Bulgaria – initial report	T Handjieva-Darlenska (Bulgaria)
12:00-13:00		Topic Session: Drugs and Surgeries for Obesity Management - Mechanisms of Action	ROOM 1
		Chairs: Carl Roberts (UK), Tess Van Der Merwe (South Africa)	
12:00-12:20	TS16-01	Drug development for obesity management	L Bjerre Knudsen (Denmark)
12:20-12:40	TS16-02	Mechanisms underpinning efficacy in adjustable gastric band and vertical sleeve gastrectomy	B Oldfield (Australia)
12:40-12:50	TS16-03	Assessment of the safety and tolerability of Gelesis100 in subjects who reached a body mass index below 27 kg/m <sup>2</sup> in the pivotal GLOW study	L Aronne (US)
12:50-13:00	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	C W Le Roux (Ireland)
12:00-13:00		Topic Session: E-Health and Technology	ROOM 2
		Chairs: Grace O'Malley (Ireland), Volkan Yumuk (Turkey)	
12:00-12:20	TS17-01	Electronic tools as physical activity interventions	J Jakicic (US)
12:20-12:40	TS17-02	eHealth in clinical obesity treatment	K Pietiläinen (Finland)
12:40-12:50	TS17-03	STOP Project: Development of STOP Portal, data and knowledge ecosystem for healthcare professionals and persons with obesity	A Moorhead (UK)
12:50-13:00	TS17-04	Reduction of metabolic syndrome by an internet-based health behaviour change support tool that combines persuasive systems design and cognitive behaviour therapy	M J Savolainen (Finland)
12:00-13:00		EASO OMTF Clinical Teaching Course: What can we Learn from the Results of the ACTION Studies?	ROOM 3
		Chairs: Jason Halford (UK), Arya Sharma (Canada)	
12:00-12:15		Results from the ACTION studies in North America	L Kaplan (USA)
12:15-12:30		Results from the ACTION-IO study	P Sbraccia (Italy)
12:30-12:45		Trans-Atlantic differences in the ACTIONs results	D Dicker (Israel)
12:45-13:00		Patient perspectives	V Mooney (Ireland)



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12:00-13:00	<b>Accepted Sumposium: Navigating Towards a Healthier Weight - the NoHoW Trial</b>		<b>ROOM 4</b>
	Chair: Berit Heitmann (Denmark)		
12:00-12:10	AS9-01	The what, where and why's of the NoHoW project	BL Heitmann (Denmark)
12:10-12:20	AS9-02	Main and secondary outcomes and cost effectiveness	G Horgan (UK)
12:20-12:30	AS9-03	The Toolkit development - strengths and limitations	M Marques (Ireland)
12:30-12:40	AS9-04	The evidence base for WLM – and where next	F Sniehotta (UK)
12:40-12:50	AS9-05	Where to go next	J Stubbs (UK)
12:50-13:00	Discussion		
13:00-14:00	<b>Industry Session</b>		<b>ROOM 1</b>
	IMP CME Satellite Symposium Extending the dialogue: a central role for the multidisciplinary team in obesity care		
13:00-14:30	<b>Industry Session</b>		<b>ROOM 2</b>
	Currax Pharmaceuticals Satellite Symposium		
14:30-15:30	<b>GLOBAL RESEARCH METHODOLOGY WORKSHOP : Towards a universal description of "obesities" in clinical trials</b>		<b>ROOM 1</b>
	Chair: Martine Laville (France)		
14:30-14:40		Why should we consider better describing our patients with obesity?	P MacLean (US)
14:40-14:50		Core set of data to describe obesities in clinical trials : a proposition from @OBEDIS consortium	M Laville (France)
14:50-15:00		Point of view: industry	M Taalo Lund (Denmark)
15:00-15:10		Point of view: patients	V Mooney (Ireland), E Juerisson (Belgium)
15:10-15:20		Perspectives and responses from experts	G Mingrone (Italy), S Bischoff (Germany), @OBEDIS consortium
15:20-15:30	Discussion		
15:30-15:45	<b>EASO New Investigator Award in Clinical Research</b>		<b>ROOM 1</b>
	Chair: Luca Busetto (Italy)		
15:30-15:40		Physical activity in the management of patients with obesity	A Bellicha (France)
15:40-15:45	Discussion		
15:45-16:45	<b>Abstract Discussion Session: Bariatric Surgery</b>		<b>ROOM 1</b>
	Chairs: Luca Busetto (Italy), Francis Finucane (Ireland)		
15:45-15:55	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	K Sjöholm (Sweden)
15:55-16:05	AD14-07	The impact of bariatric surgery on microvascular complications in patients with type 2 diabetes mellitus: A matched-controlled population-based cohort study	P Singh (UK)
16:05-16:15	AD14-08	Hedonic hunger and eating behaviour in patients with suboptimal and optimal weight loss ten years after Roux-en-Y gastric bypass	O Børresen Skjølsvold (Norway)
16:15-16:25	AD14-09	What influences whether bariatric surgery is successful - the patients speak out	C Homer (UK)
16:25-16:35	AD14-10	Are food preference modifications towards healthier options the key to success for bariatric surgery?	E Guyot (France)
16:35-16:45	AD14-11	Subjective appetite sensations in patients with Suboptimal- and Optimal Weight Loss 10 years after Roux-en-Y Gastric Bypass	K Eriksen (Norway)

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15:45-16:45		Abstract Discussion Session: Nutrition	ROOM 2
		Chairs: Paula Freitas (Portugal), Snezana Polovina (Serbia)	
15:45-15:55	AD15-01	Impact of intermittent vs. continuous energy restriction on weight and cardiometabolic factors: A 12-month follow-up	J B Keogh (Australia)
15:55-16:05	AD15-02	Longitudinal association between ultra-processed foods consumption and body fat distribution: 1-year of follow-up analysis within the PREDIMED-Plus trial	J Konieczna (Spain)
16:05-16:15	AD15-05	Impact of vitamin D supplementation and VDR and ADR gene polymorphisms in weight loss diet outcomes	K Xenos (Greece)
16:15-16:25	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	J Lundanes (Norway)
16:25-16:35	AD15-07	Effectiveness of a very low carbohydrate diet on overweight or obese patients with T2DM on weight loss, HbA1C, medication and blood lipids	E Govers (Netherlands)
16:35-16:45	Discussion		
15:45-16:45		Abstract Discussion Session: Multimorbidity	ROOM 3
		Chairs: Cathy Breen (Ireland), Davor Stimac (Croatia)	
15:45-15:55	AD16-01	Resting energy expenditure and daily steps in adults with sarcopenic obesity: Prospective observational study	M El Ghoch (Lebanon)
15:55-16:05	AD16-02	Weight loss and risk reduction of obesity-related conditions in 0.5 million people: evidence from a UK primary care database	P McEwan (UK)
16:05-16:15	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)	J A Roekenes (Norway)
16:15-16:25	AD16-04	Long-term cardiac changes in patients with obesity after surgical and medical treatment	M Rodríguez Flores (Mexico)
16:25-16:35	AD16-05	Relationship between resting energy expenditure and handgrip strength in adult obese patients from southern Italy	E Speranza (Italy)
16:35-16:45	AD16-06	A smartphone application for medication adherence in patients with obesity-related chronic conditions	M G Del Olmo (Australia)
15:45-16:55		Abstract Discussion Session: Hormone and Gender	ROOM 4
		Chairs: Giovanna Muscogiuri (Italy) Mette Svendsen (Norway)	
15:45-15:55	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	I Trouwborst (Netherlands)
15:55-16:05	AD17-02	Do men really lose more weight on a low-carbohydrate diet than women?	A Susanto (Australia)
16:05-16:15	AD17-03	Anthropometrics in relation to endogenous and exogenous glucocorticoids during combined lifestyle intervention with cognitive behavioral therapy in obesity	M Savas (Netherlands)
16:15-16:25	AD17-04	Kidney function and accuracy of the formulas for the estimation of glomerular filtrate rate (GFR) in patients with severe obesity	G Salvetti (Italy)
16:25-16:35	AD17-05	Long-term therapy with testosterone undecanoate injections (TU) results in profound and sustained weight loss over 11 years in obese men with hypogonadism: Real-world data from a registry study	F Saad (Germany)
16:35-16:45	AD17-06	Experiences of maternal weight management services among women with a raised body mass index	F J Fair (UK)
16:45-16:55	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	A Susanto (Australia)
17:00-17:15		Closing Plenary	ROOM 1

# POSTERS

EP-001	<b>NAFLD the coming global epidemic and health crisis, Egypt on the map</b> <i>Mona Abd Elmonem Hegazy</i>
EP-002	<b>Pediatric obesity, Non-alcoholic Fatty Liver Disease (NAFLD) and Blood Lipids</b> <i>Michael Yafi, Mona Eissa</i>
EP-003	<b>Roux-en-Y Gastric Bypass as a Treatment for Barrett's Esophagus after Sleeve Gastrectomy</b> <i>Moritz Felsenreich, Felix Langer, Christoph Bichler, Magdalena Eilenberg, Julia Jedamzik, Ivan Kristo, Natalie Vock, Lisa Gensthaler, Charlotte Rabl, Alexander Todoroff, Gerhard Prager</i>
EP-004	<b>Mapping food companies in the Colombian market</b> <i>Cindy Alejandra Pachon, Melissa Mialon, Gustavo Cediel, Diego Gaitan, Eliana Maria Perez</i>
EP-005	<b>Association between changes in body mass index and subjective well-being in middle-aged Japanese subjects</b> <i>Toshihiro Takao, Naoki Sumi, Yoshiyuki Yamanaka, Sohachi Fujimoto, Tomoari Kamada</i>
EP-006	<b>Relationship between abdominal-to-gluteofemoral adipose tissue volume distribution and survival in patients with breast cancer</b> <i>Jeong Won Lee, Sang Mi Lee</i>
EP-007	<b>Fruit Acids are Fruit's cryptic anti-obesity agent</b> <i>Satya Priya Sharama, Seong Tshool Hong</i>
EP-008	<b>Comparison of weight loss effect between a low-carbohydrate diet and a calorie-restricted diet in combination with intragastric balloon therapy</b> <i>Satoshi Maekawa, Makoto Niizawa</i>
EP-009	<b>Neutrophil Gelatinase Associated Lipocalin: Is not an Early Marker Inductor for Diabetic Nephropathy in Qatari Population</b> <i>Elham Sharif, Mariam Alwakeel</i>
EP-010	<b>Association of Urinary Vitamin D-Binding Protein and Megalin as Biomarkers for Diabetic Nephropathy in Type 2 Diabetes Mellitus in Qatari Patients</b> <i>Elham Sharif, Naila Kitaz, Amal Hassan, Mariam Alwakeel</i>
EP-011	<b>Association Between Genetic Variants of GC Gene at 4q13.3 and Vitamin D Concentrations in Adult Females</b> <i>Elham Sharif, Nasser Rizk, Hajera Thakur, Tasnim Kurdi, Mariam Alwakeel</i>
EP-012	<b>Pharmacy consulting of bariatric patients in hospital</b> <i>Nadya Margolin, Dvir Froylich, Ophir Lavon, Leah Zack, Riad Hadad, Arie Bitermen, Igor Dashkovsky</i>
EP-013	<b>Abstract withdrawn</b>
EP-014	<b>Abstract withdrawn</b>
EP-015	<b>Gender Differences of Vitamin D Status in BMI: an observational prospective cross-sectional study</b> <i>Sara Aprano, Giovanna Muscogiuri, Luigi Barrea, Carolina Di Somma, Daniela Laudisio, Ciro Salzano, Gabriella Pugliese, Silvia Savastano, Annamaria Colao</i>
EP-016	<b>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</b> <i>Sang Yeoup Lee, Ye Li Lee</i>
EP-017	<b>Calcium, vitamin D and other minerals and vitamins in normal weight and pre obese patients</b> <i>Mihaela Posea, Madalina Ionela Andronache, Emilia Rusu, Gabriela Radulian</i>
EP-018	<b>Relationship between Smoking and Metabolic Syndrome in Engaged and Newly Married Couples Adults in Their 20s and 30s</b> <i>Bumjo Oh</i>
EP-019	<b>Gender Differences of Vitamin D Status in obesity: an observational prospective cohort study</b> <i>Giovanna Muscogiuri, Luigi Barrea, Carolina Di Somma, Daniela Laudisio, Ciro Salzano, Gabriella Pugliese, Giulia De Aterisi, Annamaria Colao, Silvia Savastano</i>
EP-020	<b>1-hr Glucose Tolerance Testing better predictor of <math>\beta</math>-cell dysfunction and insulin resistance than 2h in patients with severe obesity</b> <i>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</i>

- Relationship between 2-hr and 1-hr glucose tolerance testing with  $\beta$ -cell function and insulin resistance, in severe obesity patients**
- EP-021 *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*
- Can you see me? Participant experience of accessing a weight management programme via group videoconference to overcome barriers to engagement in rural areas**
- EP-022 *Marion Cliffe, Simon Bishop, Sion Williams*
- Working conditions such as shifting and job position were closely related with BMI, WC**
- EP-023 *Kyurae Lee, Incheol Hwang, Kyoungkon Kim, Heusun Suh*
- Can an mHealth intervention induce a lifestyle change in adolescence? The TeenPower controlled trial**
- EP-024 *Pedro Sousa, Catarina Reis, Ricardo Martinho, Sara Dias, Maria Anjos Dixe, Pedro Gaspar, Luis Luis, Regina Ferreira*
- 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**
- EP-025 *Manuel Antonio Antonio Pinelo Trancoso, Higinio González García, Alfonso Trinidad Morales*
- Influence of a 6-month training-program in obese after a bariatric surgery**
- EP-026 *Manuel Antonio Pinelo Trancoso, Higinio González García, Alfonso Trinidad Morales*
- Dietary Beliefs And Eating Patterns In Type 2 Diabetes: Evidence From South India**
- EP-027 *Anoop Kumar*
- Extended-release naltrexone and bupropion may improve liver health for those with high baseline ALT: pooled analysis from 4 RCTs**
- EP-028 *Harpreet Bajaj, Melonie Burrows, Jessica Blavignac, Fernando Camacho, Maxime Barakat*
- 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**
- EP-029 *Soumya Kanti Mandal, Arun Mitra, Yash Alok, Shubhanshu Gupta, Anindo Majumdar*
- 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**
- EP-030 *Alice Porter, Laura Johnson, Ruth Kipping, Carolyn Summerbell*
- Incidence of obesity at 1 and 3 years among community dwelling adults: A population based study**
- EP-031 *Ramona Dejesus, Ivana Croghan, Debra Jacobson, Shun Fan, Jennifer St. Sauver*
- Evaluation of executive functions in obese middle age adults with and without binge eating disorder**
- EP-032 *Emma Adriana Chavez Manzanera, Martha Kaufer Horwitz, Sylvana Stephano Zúñiga, Lizette Quiroz Casian, Erwin Chiquete Anaya, Carlos Gerardo Cantú Brito, Maura Jazmín Ramírez Flores, Michelle Durán Gomez, Mariana Ramírez Solache*
- Perceived and preferred social support in patients with weight regain after bariatric surgery**
- EP-033 *Liisa Tolvanen, Åsa Svensson, Erik Hemmingsson, Anne Christenson, Ylva Trolle Lagerros*
- Associations between physical activity, markers of adiposity, and eating behaviors in a sample of diverse individuals with obesity**
- EP-034 *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*
- Effects of alpha-cyclodextrin on cholesterol control in people with pre-diabetes and overweight or obesity: a randomised controlled trial**
- EP-035 *Erica Bessell, Nicholas R Fuller, Tania P Markovic, Namson S Lau, Jessica Burk, Chelsea Hendy, Tegan Picone, Ang Li, Ian D Caterson*
- Pediatric obesity demographics an academic practice: a pilot study**
- EP-036 *Emediong Udo, Avni Shah, Michael Yafi*
- Construction and evaluation of a mouse model of simple obesity with spleen deficiency and damp stagnation**
- EP-037 *Shaoqin Ge, Mengmeng Zhu, Lixin Wang, Ruoyu Feng, Zejia Zhang, Tianci Zhao*
- When Bariatric Surgery not Feasible.. What are the options?**
- EP-038 *Mahir Khalil Ibrahim Jallo*

- EP-039** **Is BMI a good indicator of obesity among Lebanese women?**  
*Yasser Yaghi, Ali Elsharif, Mohammad Msheik, Aya Misto, Mouna Hakki*
- EP-040** **Association between overweight/obesity and disease activity on bone scintigraphy in patients with rheumatoid arthritis**  
*Sang Mi Lee, Jeong Won Lee*
- EP-041** **Research Progress on Myopia Prevention in Children and Adolescents by Outdoor and Physical Activity**  
*Jin Yan, Si Tong Chen*
- EP-042** **Ethnic overweight and obesity rates in an inner city academic practice**  
*Priscillie Donate, Michelle Rivera Davila, Michael Yafi*
- 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**  
*Angeline Soledad Uy Lim, Janine Bea Chua Macaspac, Juan Maria Ibarra Co*
- EP-044** **Background characteristics and postoperative outcomes in Japanese patients with insufficient weight loss after laparoscopic sleeve gastrectomy**  
*Atsuhito Saiki, Takashi Yamaguchi, Sho Tanaka, Akira Sasaki, Takeshi Naitoh, Yasuyuki Seto, Hisahiro Matsubara, Koutaro Yokote, Shinichi Okazumi, Satoshi Ugi, Hiroshi Yamamoto, Masayuki Ohta, Yasushi Ishigaki, Kazunori Kasama, Yosuke Seki, Junichiro Irie, Toru Kusakabe, Motoyoshi Tsujino, Kohji Shirai, Karin Hayashi, Yasuhiro Miyazaki, Takayuki Masaki, Daiji Nagayama, Ichiro Tatsuno*
- EP-045** **Pediatric obesity and cardiac risk: Can we do better?**  
*Josue Maldonado, Nunilo Rubio, Michael Yafi*
- EP-046** **Protective effect of probiotic isolate Weissella cibaria against high-fat diet-induced metabolic syndrome: an experimental study**  
*Sakshi Khanna, Kanthi Kiran Kondepudi, Geeta Shukla*
- 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, Incheol Hwang, Kyoungkon Kim, Heuysun Suh*
- EP-049** **A Web-based Dietary Tool for better Prevention and Treatment of Childhood Obesity in Norway**  
*Tove Langlo Drilen, Rønnaug Astrid Ødegård*
- EP-050** **WHO Childhood Obesity Surveillance Initiative (COSI) in Serbia in 2019: monitoring obesity in young children**  
*Lidija Markovic, Visnja Djordjic, Nebojsa Trajkovic, Dragan Cvejic, Predrag Bozic, Sabolc Halasi, Sergej Ostojic*
- EP-051** **Influence of a physical exercise intervention in people with bariatric surgery**  
*Manuel Antonio Pinelo Trancoso, Higinio González García, Alfonso Trinidad Morales, Rosa María Benítez Pérez, Noelia Aveçilla Benítez, Fernando Trujillo Santos*
- EP-052** **Effect of metabolic syndrome in patients with acute myocardial infarction**  
*Surenjav Chimed*
- 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, Anastasia Thanopoulou, Aikaterini Kountouri, Vaia Lambadiari, Nicholas Tentolouris, Nicholas Katsilambros, Alexander Kokkinos*
- EP-055** **Prevalence of Metabolic Syndrome and silent Type-2 Diabetes Mellitus in Obese Children and Adolescents**  
*Aysehan Akinci, Ismail Dundar*
- EP-056** **Acceptance of an mHealth program to promote healthy behaviors and prevent overweight among adolescents: a mixed methods study**  
*Pedro Sousa, Inês Ferreira, Maria João Filipe, Patrick Guerra, Raquel Ferreira, Maria Anjos Dixe*
- EP-057** **Relationship between 1-year percent total weight loss, 3-year outcome and mental health background in Japanese patients after laparoscopic sleeve gastrectomy**  
*Atsuhito Saiki, Rieko Kanai, Shoko Nakamura, Sho Tanaka, Rena Oka, Yasuhiro Watanabe, Takashi Yamaguchi, Masahiro Ohira, Takashi Oshiro, Karin Hayashi, Ichiro Tatsuno*

- EP-058** **A comparative Study of Inflammatory markers among obese patients and non-obese healthy volunteers in Indian: A multicentric case control study**  
*Ananda Mohan Chakraborty, Chitragada Shivaji Yadav, Soumitra Ghosh, Debashish Mondal*
- EP-059** **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*
- EP-060** **Association of adiposity estimated by isotope dilution technique with metabolic parameters in Sri Lankan women**  
*Ranil Jayawardena, Plumika Sooriyaarachchi, Andrew P Hills*
- EP-061** **Medical devices in obesity management**  
*Hassan M Heshmati*
- EP-062** **Is Korean adopting the obesity, metabolically?; Comparing between KNHANES 2008 and 2017**  
*Sangmo Hong, Yun Mi Choi, Mi Kyung Kwak, Eun Gyoung Hong*
- EP-063** **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 Huttli*
- EP-064** **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, José Fernando Rodrigues Ferreira, José Eurico De Vasconcelos, Ana Maria Fontenelle Catrib, Naiana Anchieta Mendes Melo, Cleilton Rocha, Eriko Weibert, Leonardo Costa, Rodrigo Melo, Leire Bastida, Ana Moya, Eva Benito, Ceferino Maestu, Thomas Fischer, Kostas Soutos, Andreas Triantafyllidis, Alba M Gallego*
- EP-065** **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*
- EP-066** **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*
- EP-067** **"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*
- EP-068** **Feeling Fat? Feeling Policy: On the Role of Emotions and Stigma in Public Health Policy**  
*Michael Orsini*
- EP-069** **Joint effects of obesity and key lifestyle factors as predictors of colorectal cancer**  
*Eira Roos, Olli Pietiläinen, Karri Seppä, Heidi Ryyänen, Sanna Heikkinen, Maarit Laaksonen, Teemu Roos, Paul Knekt, Satu Männistö, Tommi Härkönen, Pekka Jousilahti, Johan G Eriksson, Nea Malila, Ossi Rahkonen, Janne Pitkaniemi*
- EP-070** **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*
- EP-071** **Association between body composition measured by DEXA and white matter hyperintensities**  
*Jee Hye Han, Hye Jung Kim, Jung Hwan Kim, Kil Young Kwon*
- EP-072** **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*
- EP-073** **Lack of mitochondrial acyl-coenzyme A synthetase Acs3 contributes to hypertriglyceridemia and diet-induced obesity in PD rats**  
*Petr Mlejnek, František Liška, Lucie Šedová, Ondřej Šeda, Miroslava Šimáková, Michal Pravenec*
- EP-074** **Recent weight gain is risk factor for undiagnosed metabolic syndrome in apparently healthy non-obese young adults: KNHANES 2014-2017**  
*Jin Hwa Kim, Young Sang Lyu, Sang Yong Kim*
- EP-075** **Is obesity the basis for the development of multimorbidity?**  
*Sarah Cuschieri*
- EP-076** **Effect of dietary protein source on body composition and cardiometabolic risk in obese young adults during anti-inflammatory weight management program**  
*Gordana Kendjel Jovanovic, Sanja Klobucar Majanovic, Ines Mrakovic Sutic, Davor Stimac*

- EP-077 **A comparison of weight loss and metabolic improvements between gastric banding and gastric banded plication among the obese**  
*Chih Yen Chen, Weu Wang*
- EP-078 **Which adiposity status is linked with the growing depression epidemic?**  
*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)**  
*Sumei Hu, Xueying Zhang, Marina Stamatious, Yiran Li, John Roger Speakman*
- EP-080 **GnRH analogues therapy in obese girls with Idiopathic Central Precocious Puberty, is associated with increased risk of Polycystic Ovary Syndrome and higher Insulin Resistance later in Adolescence**  
*Vasileios Karountzos, George Panotopoulos, Evangelia Deligeorglou, Efthimios Deligeorglou*
- EP-081 **Associations of early weight change with 12-month weight loss in postmenopausal women in a behavioral lifestyle change program in a randomized controlled trial**  
*Juan Carlos Padilla, Jean De Dieu Tapsoba, Ching Yun Wang, Catherine Duggan, Anne McTiernan*
- EP-082 **The obesogenic phenotype of a high-risk European state**  
*Sarah Cuschieri*
- EP-083 **Obesity is associated with sympathetic nervous activation in school aged children**  
*Beatriz Gonçalves Teixeira, Inês Paciência, João Cavaleiro Rufo, Francisca Mendes, Mariana Farraia, Patrícia Padrão, Pedro Moreira, André Moreira*
- EP-084 **Socioeconomic Position and Body Composition across the Life Course: A systematic Review**  
*Charis Bridger Staatz, Rebecca Hardy, Yvonne Kelly, Rebecca Lacey, Joanna Blodgett, Anitha George, Megan Arnot, Emma Walker*
- EP-085 **Three years follow up (cohort) study via Population based intervention on adolescent and childhood obesity and overweight at schools setting**  
*Hamid Yahya Hussain*
- EP-086 **The Expression of Bile Acid Receptor TGR5 in Visceral Adipose Tissue in Diet-Induced Obesity Mice treated with Sulforaphane**  
*Nasser M Rizk, Sumaya Abdullah Ahmed, Amena Saleh Fadel, Abdelrahman Elgamal, Dina Elsayegh*
- EP-087 **Pleasurable food education – a response to the childhood obesity crisis**  
*Josephene Duffy*
- EP-088 **Health Services Provision in Enga Province of Papua New Guinea**  
*Martin Korokan*
- EP-089 **Applying the COM-B model to understand childhood obesity prevention practices in primary health care: a systematic review**  
*Devashish Ray, Falko Sniehotta, Elaine McColl, Louisa Ellis*
- EP-090 **Comparative analysis of efficiency of markers for determining of visceral obesity in men**  
*Denis Deev, Boris Pinkhasov, Tatyana Matsievskaya, Svetlana Iankovskaia, Vera Selyatitskaya*
- EP-091 **The Impact of Pomegranate Peel-fortified Cupcakes on Weight Loss**  
*Eman Saad Alamri, Lamiaa M. Lotfy.*
- EP-092 **Hormonal characteristics of androgen status in men**  
*Svetlana Iankovskaia, Nadezhda Shilina, Olga Kuzminova, Denis Deev, Boris Pinkhasov, Vera Selyatitskaya*
- EP-093 **Incorrect feeding causes obesity/overweight, nephrolithiasis and arterial hypertension**  
*Colucci Giovanni, Basile Carlo, Robusto Fabio, Colucci Enza, Iacovazzo Pasquale, Zamparella Maria, Carelli Francesco, Grittani Mario, Amati Luigi*
- EP-094 **Anthropometric and hormonal-metabolic features of juvenile obesity**  
*Nadezhda Shilina, Svetlana Iankovskaia, Iraida Mokhova, Boris Pinkhasov, Vera Selyatitskaya*
- EP-095 **Assessment of compliance and motivation to obesity treatment**  
*Nadezhda Shilina, Iraida Mokhova, Boris Pinkhasov, Denis Deev, Vera Selyatitskaya*



- EP-096** Prenatal anxiety, depression and stressful life events and trajectories of cardiometabolic risk factors across childhood and adolescence: a prospective cohort study  
*Karen Matvienko-Sikar, Kate O'Neill, Sarah Redsell, Catherine Hayes, Ali Khashan, Abigail Fraser, Laura Howe, Deirdre Murray, Darren Dahly, Anja Huizink, Patricia M Kearney*
- EP-097** Effect of Bariatric Surgery on Circulating FGF-19: A Systematic Review and Meta-Analysis  
*Paul MacDaragh Ryan, Nathaniel Edward Hayward, Ryan Taylor Sless, Philip Garwood, Jamal Rahmani*
- EP-098** Obesity is a threat to women's reproductive health  
*Elena N Andreeva, Olga R Grigoryan, Ekaterina V Sheremeteyeva, Julia S Absatarova, Natalia G Mokrysheva*
- EP-099** Ovarian reserve in women with obesity  
*Elena N Andreeva, Olga R Grigoryan, Robert K Mikhhev, Ekaterina V Sheremeteyeva, Julia S Absatarova, Ivan I Dedov, Natalia G Mokrysheva*
- EP-100** Anti-obesity Effect and Hormone Regulation of A.munciniphila and Some Bio metric Parameters In The Obese Patients  
*Fakhri Alajeeli, Rusul Hamed*
- EP-101** A feasibility audit of dietetic services for adolescent gynaecology patients at an Irish tertiary referral centre  
*Eileen C O'Brien, Venita Broderick, Sinead B Curran*
- EP-102** Relationship between the polyamine content, energy and nutritional quality of 402 canteen meals  
*Grace Barron, Florent Dudan, Suttipong Mungkala, Fabio Mainardi, Hilary Green*
- EP-103** The use of multiple linear regression to predict the polyamine content of meals  
*Hilary Green, Sabrina Lecat, Fabio Mainardi, Grace Barron, Florent Dudan, Suttipong Mungkala, Roko Plestina*
- EP-104** Appetite and adiposity in childhood: A systematic review and meta-analysis of the relationships between the Child Eating Behaviour Questionnaire (CEBQ) and adiposity  
*Alice Rose Kininmonth, Andrea Smith, Susan Carnell, Silje Steinsbekk, Alison Fildes, Clare Llewellyn*
- EP-105** One year individual or group based lifestyle intervention in obese. Impact on metabolic profile and body composition  
*Sara Vizzuso, Matilde Amatruda, Giuseppe Banderali, Chiara Mameli, Gianvincenzo Zuccotti, Elvira Verduci*
- EP-106** Does food reward and appetite control differ between women with or without overweight/obesity?  
*Pauline Oustric, Kristine Beaulieu, Nuno Casanova, Dominic O'connor, Catherine Gibbons, Marc Hopkins, John Blundell, Graham Finlayson*
- EP-107** Abstract withdrawn
- EP-108** Walking activity for prevention of cardiovascular disease and death in overweight and obese adults with diabetes  
*Young Hwa Ha, Dae Jung Kim*
- EP-109** Optimal cut-off point for abdominal visceral to subcutaneous fat ratio in Korean  
*Hyuktae Kwon, Ha Yeon Lim, Gyeongsil Lee*
- EP-110** Can dietary carbohydrate restriction improve obesity and abnormal liver function? A general practice service evaluation looking at weight and gamma-glutamyl transferase results over 7 years  
*David John Unwin*
- EP-111** Abstract withdrawn
- EP-112** Lack of social support and experiences of condescending treatment among persons with overweight or obesity who want to lose weight  
*Anu Molarius, Margareta Lindén Boström, Jan Karlsson*
- EP-113** PEDOBESITY: Development of Intelligent Multi-level Information Systems and Specialized Artificial Intelligence Algorithms for Personalized Management of Obesity in Childhood and Adolescence  
*Penio Kassari, Antonis Billiris, Haralampos Karanikas, Eleftherios Thireos, Nikolaos Drakoulis, Ioannis Manios, Evangelia Charmandari*
- EP-114** Sensoriality and cognition in a food and nutrition education program  
*Rosa Wanda Diez Garcia, Carina Carlucci Palazzo, Barbara Esteves Leghi, Alfredo Pereira Junior*
- EP-115** Validation of the baby eating behavior questionnaire in a chilean population  
*Ana M Obregon, Claudia Ananias, Macarena Valladares, Paulina Petinelli, Gary Goldfield, Andrea Smith, Clare Llewellyn, Claudia Hunot, Enrique Guzman*

- EP-116 **Investigating the role of G protein-coupled receptor 35 (GPR35) in the regulation of energy homeostasis**  
*Omer Mohamed*
- EP-117 **Distinct consumption of food supplements by normal weight and overweight pregnant women**  
*Ella Koivuniemi, Kirsi Laitinen*
- EP-118 **The multidisciplinary inpatient program in subjects with severe obesity: one-year follow-up results**  
*Simona Luciana Budui, Francesca Giordano, Stefania Leoni, Michela Bertotti, Erica Sartori, Vanessa Peron, Laura Franceschini, Micol Taddei, Fulvio Castiglioni, Sabrina Salvetti, Livio Zerbini, Federica Gilli, Spyros Skafidas, Federico Schena, Maria Letizia Petroni, Luca Busetto*
- EP-119 **Research Progress on Risk Factors for Obesity of Children and Adolescents in China**  
*Jin Yan*
- EP-120 **Parent Engagement and Prevention of Childhood Obesity: A Systematic Review**  
*Atieh Mehdizadeh, Mohsen Nematy, Hassan Vatanparast, Majid Khadem Rezaian, Maryam Emadzadeh*
- EP-121 **Vitamin supplementation after bariatric surgery: high folic acid levels and possible consequences**  
*Inês Ferreira Barros, Marta Alves*
- EP-122 **Blueberry extracts prevent obesity in C57BL/6 mice through modulation of energy balance via pathways involving bile acid de-conjugation and signalling**  
*Alina Zitskaja, Linda Petrie, Justin Rochford, Andreas Kolb*
- EP-123 **Body composition, appetite control and eating behaviour outcomes one year following ≥5% weight loss through intermittent or continuous energy restriction in women with overweight/obesity**  
*Kristine Beaulieu, Dominic O'Connor, Nuno Casanova, Pauline Oustric, Catherine Gibbons, Mark Hopkins, Krista Varady, John Blundell, Graham Finlayson*
- EP-124 **A High Physical Activity/Low Sitting Profile is associated with more Self-determined Motivations to Exercise and Regulate Eating**  
*Eliana V Carraca, Bruno Rodrigues, David Sánchez Oliva*
- EP-125 **Preoperative assessment for Patients undergoing Bariatric Surgery**  
*Yulia Klitsunova, Kostyantyn Mylyltsya*
- EP-126 **The Safety of Optical Trocars in the Establishment of Pneumoperitoneum in Obese Patients**  
*Marwan Mohamed Bucheeri, Abdulmenem Yahya Abulsef*
- EP-127 **Obesity, sarcopenic obesity and cardiometabolic risk factors among middle-aged and elderly population in Taiwan**  
*Nain Feng Chu, Der Min Wu, Yu Chen Lin*
- EP-128 **Association between chronic disease status and grip strength among middle-age and elderly population in Taiwan – The Chiayi community-based elderly health survey**  
*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**  
*Hsien Hao Huang, Chang Youh Tsai, Chih Yen Chen*
- EP-130 **Impact of a 6-week complex lifestyle modification program on physiological and metabolic parameters in obese patients**  
*István Puskás, Judit Horváth, Adél Nagy, Akos Németh, Anita Szentpéteri, Ildikó Sere, György Paragh, Zoltán Jenei, Péter Fülöp*
- EP-131 **Analysis of the PRIMAVERA study in patients with alimentary obesity and various reproductive disorders**  
*Elena N Andreeva, Olga R Grigoryan, Ekaterina V Sheremeteyeva, Julia S Absatarova, Ekaterina A Troshina, Ivan I Dedov*
- EP-132 **Preventing childhood obesity by focusing on a life course approach. The Health in Preconception and Pregnancy (HiPP) Centre of Research Excellence**  
*Helen Skouteris, Helen Skouteris*
- EP-133 **Body composition and cognitive impairment in patients with type 1 diabetes**  
*Mariia Matveeva, Julia Samoiliva, Oxana Oleynik, Daria Podchinenova, Alex Filimonov, Nargiz Diraeva, Elena Sagan*
- EP-134 **Pouch emptying rate in patients with successful versus unsuccessful weight loss, two years after laparoscopic Roux-en-Y gastric bypass**  
*Yonta Van Der Burgh, Laura Deden, Julia Roelofs, Paul Smeets, Eric Hazebroek*

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EP-136	<b>The evolution on fat-free mass after bariatric surgery in morbid obese patients</b> <i>Marta Comas Martínez, Diana Romero, Enzamaría Fidilio, Angel Michael Ortiz, Marta Sánchez, Rosa Burgos, Andreea Ciudin</i>
EP-137	<b>The Effect of Standard versus Longer Intestinal Bypass on GLP-1 Regulation and Glucose Metabolism in Patients with Type 2 Diabetes Undergoing Roux-en-Y Gastric Bypass</b> <i>Alex Dimitri Miras, Anna Kamocka, Belén Pérez Pevida, Sanjay Purkayastha, Krishna Moorthy, Ameet Patel, Harvinder Chahal, Gary Frost, Paul Bassett, Lidia Castagnetto Gisse, Lucy Coppin, Nicola Jackson, Anne Margot Umpleby, Stephen Robert Bloom, Tricia Tan, Ahmed Rashid Ahmed, Francesco Rubino</i>
EP-138	<b>The cut-off point for HOMA-IR values corresponding with low circulating SHBG levels in women with polycystic ovary syndrome</b> <i>Aleksandra Biernacka Bartnik, Piotr Kocelak, Aleksander Owczarek, Piotr Choroża, Leszek Markuszewski, Paweł Madej, Jerzy Chudek, Magdalena Olszanecka Glinianowicz</i>
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EP-140	<b>Bariatric surgery (BS) could slow subclinical atheromatosis by reducing inflammation and vascular endothelial dysfunction independently of the atheroma presence</b> <i>Júlia Carmona Maurici, Elena Cuello, Eva Pardina, David Ricart Jané, Antonio Miñarro, Juan Antonio Baena Fustegueras, Julia Peinado Onsurbe</i>
EP-141	<b>Evaluation of resting energy expenditure, body composition and sarcopenia before and after two years gastric by-pass surgery</b> <i>Enza Speranza, Delia Morlino, Olivia Di Vincenzo, Iolanda Cioffi, Marialaura Santopaolo, Lidia Santarpi, Ilenia Romano, Maurizio Marra, Fabrizio Pasanisi, Rosa Sammarco</i>
EP-142	<b>Ghrelin reduces hepatocyte mitochondrial dysfunction and endoplasmic reticulum stress: role in the improvement of liver inflammation after bariatric surgery in rats</b> <i>Silvia Ezquerro, Sara Beceril, Carlota Tuero, Leire Méndez Giménez, Fátima Mocha, Rafael Moncada, Víctor Valentí, Javier A. Cienfuegos, Victoria Catalán, Javier Gómez Ambrosi, Karen Piper Hanley, Gema Frühbeck, Amaia Rodríguez</i>
EP-143	<b>Increasing rates of hyperlipidemia in young population and the importance of prevention</b> <i>Feray Akbas, Hanife Usta Atmaca, Gokalp Avlagi</i>
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EP-145	<b>Impact of GLP-1 on glucose homeostasis after bariatric surgery and its role in limiting adipocyte inflammation</b> <i>Victoria Catalán, Maitane Izaguirre, Javier Gómez Ambrosi, Amaia Rodríguez, Beatriz Ramírez, Sara Beceril, Xabier Unamuno, Víctor Valentí, Rafael Moncada, Camilo Silva, Ignacio Monreal, Javier Salvador, Gema Frühbeck</i>
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*Jae-Heon Kang, Assim A Alfadda, Ian D Caterson, Walmir Coutinho, Ada Cuevas, Dror Dicker, Jason C G Halford, Masato Iwabu, Rita Nawar, Ricardo Reynoso, Nicolai Rhee, Georgia Rigas, Javier Salvador*
- EP-153 Can geographic mapping for class III obesity aid disaster risk reduction in Aotearoa New Zealand?**  
*Lesley Gray, Ashleigh Rushton, Matthew Hobbs*
- EP-154 Vulnerability to unbalanced food consumption**  
*Rosa Wanda Diez Garcia*
- EP-155 Body mass index trajectories among Finnish municipal employees: do changes in economic circumstances vary by trajectory groups?**  
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- EP-156 Examining the relationship between body composition, cognition and psychosocial health in kindergarten aged children: data from the Ramping Up Neurocognition (RUN) Study**  
*Brandon Heidinger, Kaamel Hafizi, Fatima Mougharbel, Mohcene Abdessemed, Jameason Cameron, Justin Lang, Kristi B. Adamo, Valerie Carson, Patti Jean Naylor, Brian W. Timmons, Amedeo D'angiulli, Gary S. Goldfield*
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*Jane P Jacobs, Nicholas Crooks, Steven Allender, Claudia Strugnell, Kathryn Backholer, Melanie Nichols*
- EP-158 The relation between food habits and social demographic characteristics**  
*Andreea Morosanu, Magdalena Morosanu*
- EP-159 Behaviour technique-based tools associated with weight loss in a web platform intervention for adults: the POEmaS randomized trial**  
*Alline M Beileigoli, Andre Q Andrade, Maria De Fatima H Diniz, Antonio L Ribeiro*
- EP-160 The Beneficial Effect of Preoperative Lifestyle Intervention on Weight Regain after Roux-en Y Gastric Bypass**  
*Yeonji Lee, Yoonseok Heo, Ji Ho Choi*
- EP-161 Review of the use of DXA instrument in animal experiments for obesity study: Follow-up of body composition changes for 8 weeks**  
*Youngmo Kim, Han Jik Ko, Gm Kim*
- EP-162 Relationship between alcohol consumption and metabolic syndrome according to high sensitivity C-reactive protein levels in Korean men**  
*Yong Woo Lee, Sung Soo Kim*
- EP-163 Ethnic and sex differences in the potential role of brown adipose tissue in preschool children: The GUSTO study**  
*Mya Thway Tint, Navin Michael, Suresh Anand Sandananthan, Jonathan Huang, Lynette Pei Chi Shek, Fabian Yap, S. Sendhil Yelan, Peter D Gluckman, Yap Seng Chong, Melvin K S Leow, Kuan Jin Lee, Yung Seng Lee, Keith M Godfrey, Houchun, Harry Hu, CuiLin Zhang, Marielle V Fortier, Johan G Eriksson*
- EP-164 Neck adipose tissue accumulation is associated with higher overall and central adiposity, cardiometabolic risk, and pro-inflammatory profile in young adults**  
*Maria Jose Arias Tellez, Francisco M Acosta, Elisa Merchán Ramírez, Borja Martínez Tellez, Yolanda García Rivero, Jose Miguel Pascual Gamarra, Analiza M Silva, Julio Almansa López, Jose L Lamas Elvira, Jonatan R Ruiz*
- EP-165 Self-reported gastrointestinal symptoms 2-4 years after bariatric surgery. A cross-sectional comparison between gastric bypass and sleeve gastrectomy**  
*Brit Thorsen, Kari Hanne Gjeilo, Siren Nymo*
- EP-166 Topiramate is associated with weight loss in children with obesity**  
*David Sultman, Louise Apperley, Ram Kumar, Senthil Senniappan*
- EP-167 Long-term therapy with testosterone undecanoate injections (TU) improves lipid profile, blood pressure and glycemic control over 11 years in obese men with hypogonadism: real-world data from 4059 patient-years**  
*Farid Saad, Ahmad Haider, Karim Sultan Haider, Gheorghe Doros, Abdulmagd Traish*
- EP-168 The impact of and views on school food policy in young people aged 11-18 years: a mixed methods systematic review**  
*Kelly Rose, Amelia A Lake, Claire O'Malley, Fatemeh Eskandari, Laura Brown, Louisa J Ellis*
- EP-169 BigO: Novel technologies for the management of childhood obesity – The case of a clinical study in Greece**  
*Athanasia Tragomalou, Penio Kassari, Ioannis Ioakeimidis, Konstantinos Filis, Eleni Theodoropoulou, Giorgos Lymperopoulos, Isabel Perez Cuevas, Youla Karavidopoulou, Christos Diou, Christos Maramis, Eirini Lekka, Nicos Maglaveras, Anastasios Delopoulos, Evangelia Charmandari*

- EP-170 **Effects of integrated care for childhood overweight and obesity on quality of life in children in 's-Hertogenbosch, the Netherlands**  
*Sanne De Laat, Judith Edens, Monique Jacobs, Edgar Van Mil, Ien Van De Goor*
- EP-171 **Vitamin and micronutrient deficiency after bariatric surgery**  
*Eva Christina Krzizek, Johanna Maria Brix, Alexander Stöckl, Verena Parzer, Bernhard Ludvik*
- EP-172 **Accuracy of resting energy expenditure in elite athletes of different sports**  
*Olivia Di Vincenzo, Maurizio Marra, Delia Morlino, Enza Speranza, Iolanda Cioffi, Rosa Sammarco, Luca Scafì, Fabrizio Pasanisi*
- EP-173 **Impact of obesity on health-related quality of life and working ability: a Finnish population-based study**  
*Aino Vesikansa, Jari Jokelainen, Katja Mutanen, Annamari Lundqvist, Tiina Laatikainen, Tero Ylisaukko-oja, Tero Saukkonen, Kirsi H Pietiläinen*
- EP-174 **The age-related factor GDF11 is unchanged with obesity and type 2 diabetes but positively associated with TSH levels in humans**  
*Juan Añón-Hidalgo, Victoria Catalán, Amaia Rodríguez, Beatriz Ramirez, Camilo Silva, Juan C Galofré, Javier Salvador, Gema Frühbeck, Javier Gomez-Ambrosi*
- EP-175 **Contamination: friend or foe? The extent and implication of contamination within RCT's of community-based child obesity prevention interventions**  
*Elizabeth Stamp, Holly Schofield, Victoria Laurina Roberts, Harriet Buswell, Wendy Burton, Michelle Collinson, June Stevens, Jane Nixon, Amanda Farrin, Harry Rutter, Maria Bryant*
- EP-176 **Compliance to interdisciplinary group counselling sessions after bariatric surgery and relationship with weight loss**  
*Valerie Montpellier, Rene Wiezer, Eric Hazebroek, Jan Willem Greve, Ahmed Demirkiran, Ruben Van Veen, Ronald Liem, Ignace Janssen*
- EP-177 **Comparative effectiveness of three methods for body composition assessment in the verification of manifestations of sarcopenia in obese patients**  
*Valeriia Alexandrovna Vasileva, Larisa Alexandrovna Marchenkova, Valeriy Nikolaevich Sergeev*
- EP-178 **Jucara supplementation modifies the gut microbiota composition of mice treated with hyperlipidic diet**  
*Fernanda Pinheiro Silva, Danielle Araújo Miranda, Alessandra Silva Rischitelli, Felipe Avila, Ana Cláudia Losinskas Hachul, Valter Tadeu Boldarine, Nelson Inácio Pinto Neto, Lidia Pontes, Paloma Korehisa Maza, Eliane Beraldi Ribeiro, Cláudia Maria Oller Do Nascimento, Veridiana Vera Rosso, Sara Cuadros, Lila Missae Oyama*
- EP-179 **Training Needs Analysis: A VR Training Tool to Improve Weight-Related Communication Across Healthcare Settings**  
*Fiona Quigley, Anne Moorhead, Raymond Bond, Toni McAloon, Jane Zheng*
- EP-180 **Study of the effect of nutritional support on the metabolic status of obese patients**  
*Svetlana Derbeneva, Antonina Starodubova*
- EP-181 **Prevalence of overweight and obesity in Irish school children: The Childhood Obesity Surveillance Initiative**  
*Lachlan Mitchell, Silvia Bel Serrat, Isobel Stanley, Mirjam Heinen, Celine Murrin, Brian Mullen, Cecily Kelleher*
- EP-182 **Long-term effects of vitamin D supplementation in obese children during integrated weight-loss programme - a double blind placebo controlled trial**  
*Michał Brzeziński, Agnieszka Jankowska, Magdalena Stomińska Frączek, Paulina Metelska, Piotr Wiśniewski, Piotr Socha, Agnieszka Szlagatys Sidorkiewicz*
- EP-183 **Complex kinesiotherapy in muscle function and weight loss improving in obesity patients**  
*Valeriia Alexandrovna Vasileva, Larisa Alexandrovna Marchenkova, Michail Anatolyevich Eryomushkin*
- EP-184 **Abstract withdrawn**
- EP-185 **How early is 'extreme early-onset obesity'? Results of comprehensive growth curve analysis to identify genetic obesity disorders based on age of onset of obesity**  
*Ozair Abawi, Lotte Kleinendorst, Lizette Blankers, Mieke M. Van Haelst, Bibian Van Der Voorn, Elisabeth F. C. Van Rossum, Erica L. T. Van Den Akker*
- EP-186 **Comparison between body mass index and waist circumference in relation to cancer risk: preliminary results from a large population-based cohort study of spanish adults**  
*Martina Recalde, Veronica Davila Batista, Yesika Diaz, Michael Leitzmann, Isabelle Romieu, Heinz Freisling, Talita Duarte Salles*

- EP-187 Gastric emptying in Roux-en-Y Gastric Bypass with banded, extended and standard pouch**  
*Yonta Van Der Burgh, Laura Deden, Abel Boerboom, Baudewijn Hendrickx, Frits Berends, Bart Witteman, Theo Aufenacker, Eric Hazebroek*
- EP-188 Ovariectomy-induced menopause influences the cholesterol ester fatty acid composition of retroperitoneal adipose tissue in diet-induced obese rats, partially reverted by hormone replacement therapy**  
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- EP-305** **High scores in diet quality indexes are associated with a lower risk of shorter telomere length in an elderly population of the SUN project**  
*Ojeda Rodriguez Ana, Zazpe Itziar, Alonso Pedrero Lucía, Zalba Guillermo, Guillén Grima Francisco, Rodríguez Antonio Jose, Martínez González Ángel Miguel, Martí Amelia*
- EP-306** **Personalized Nutrition for Healthy Living (PROTEIN)**  
*Lazaros Gymnopoulos, Kosmas Dimitropoulos, Vassilis Solachidis, Petros Daras, Alex Bensenousi, Jose Botana, Duncan Russell, Carlos Caetano, Saverio Gravina, Hugo Silva, Luca Perone, Simon Maas, Boris Brkic, Leontios Hadjileontiadis, Audrey Van Scharen, Kathryn Hart, Andreas F.H. Pfeiffer, Maria Hassapidou, Veronique Cornelissen, Sofia Balula Dias, Euan Woodward, Andre Santos, Stefano Cobello, Anagnostis Argiriou*
- EP-307** **Serum bisphenol A (BPA) concentrations are associated with the abdominal fat distribution in reproductive aged women, independently by lifestyle. A preliminary analysis**  
*Alessandro Leone, Ramona De Amicis, Laila Vignati, Alberto Battezzati, Stefano Ravasenghi, Morgana Villa, Marina Bulzomi, Angelo Vanzulli, Luana Paulesu, Simona Bertoli*
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*Delia Morlino, Maurizio Marra, Olivia Di Vincenzo, Enza Speranza, Rosa Sammarco, Maria Luisa Avagliano, Ilenia Romano, Fabrizio Pasanisi*
- EP-309** **A meta-analysis of brief interventions aimed at promoting energy balance behaviours delivered during antenatal care**  
*Andrea D Smith, Kristiane Tommerup, Helen Croker, Alexandra Rhodes, Clare Llewellyn*
- EP-310** **Impact of aging on the phenotype of intramuscular adipocytes and their crosstalk with human skeletal muscle cells**  
*Julie Vion, Katie Louche, Emilie Montastier, Claire Thalamas, Marie Adeline Marques, Dominique Langin, Cedric Moro, Virginie Bourlier*
- EP-311** **Impact of lifestyle on the beneficial effects of Varna sulfurous mineral water intake**  
*Diana Ivanova, Todorka D. Sokrateva, Milka A. Nashar, Ayshe S. Salim, Tatjana I. Vlaykova, Yoana Kiselova Kaneva*
- EP-312** **Metabolic health in obese subjects – is there a link to lactoferrin and lactoferrin receptor-related gene polymorphisms?**  
*Małgorzata Jamka, Edyta Mądry, Patrycja Krzyżanowska Jankowska, Matylda Kręgielska Narożna, Paweł Bogdański, Jarosław Walkowiak*

- EP-313** **Center for treatment of obesity and bariatric surgery in Sofia, Bulgaria**  
*Teodora Handjieva-Darlenska, Konstantin Grozdev, Nabil Khayat, Zdravko Kamenov, Elena Ivanova, Ognian Georgiev, Svetlin Tsonev, Margarita Atanasova, Georgi Todorov, Kostadin Angelov*
- EP-314** **Borage seed oil supplementation potentiates the anti-adipogenic and anti-hyperglycemic properties of quercetin in obese rats**  
*Paula Aranz, Maria Zabala, Ana Romo Hualde, Miguel López Yoldi, J. Alfredo Martínez, Carlos J. González Navarro, Fermín I. Milagro*
- EP-315** **Sulfur containing mineral water as a dietary factor contributing to sulfur metabolism in human intestinal cells**  
*Todorika Dimova Sokrateva, Oskan Bahidinov Tasinov, Neshe Ferahova Nazifova Tasinova, Diana Georgieva Ivanova, Milka Asparuhova Nashar*
- EP-316** **Early effects of Ginkgo biloba extract on gene expression of hypothalamic anorexigenic effectors**  
*Janilda De Pina Pereira, Meira Maria Forcelini Machado, Bruna Kelly Sousa Hirata, Viviane Da Silva Júlio, Renata Mancini Banin, Heider Mendoça Andrade, Eliane Beraldi Ribeiro, Suzete Maria Cerutti, Monica Marques Telles*
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*Katerina Adamcova, Kristina Bardova, Olga Horakova, Petra Janovska, Marie Brezinova, Ondrej Kuda, Martin Rossmeisl, Jan Kopecky*
- EP-318** **School meals in elementary schools - Do they meet Croatian Nutritional Guidelines?**  
*Nina Petričević, Leandra Miletić Činić*
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*Sietske Okkema, Yonta Van Der Burgh, Abel B Boerboom, Edo O Aarts, Theo J Aufenacker, Frits J Berends, Eric J Hazebroek*
- EP-320** **The Obesity System Maps approach by Portuguese Adolescents – CO-Create project**  
*Ana Rito, Sofia Mendes, Inês Portugal, Margarida Bica, Natalie Savona*
- EP-321** **Adult weight gain-specific metabolites in the general population**  
*Inge Verkouter, Raymond Noordam, Ko Willems van Dijk, Dennis Mook-Kanamori, Saskia le Cessie, Frits R Rosendaal, Fredrik Karpe, Costas Christodoulides, Renée de Mutsert*
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- EP-323** **Statistical validation of the slimming effects of auricular acupuncture stimulation by Multiple Linear Regression Analysis**  
*Takahiro Fujimoto, Takehide Kobayashi, Takeshi Hataoka*
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*Sarahjane Belton, Wesley O' Brien, Bronagh Mc Grane, Danielle Powell, Jamie Mc Gann, Johann Issartel*
- EP-325** **A clinical study protocol: The effect of the probiotic Bifidobacterium animalis ssp. lactis 420 (B420) on body fat mass in overweight and obese individuals following healthy lifestyle intervention**  
*Henna Maria Uusitupa, Sanna M. Mäkelä, Kaisa Airaksinen, Alvin Ibarra, Johanna Maukonen*
- EP-326** **Probiotic Bifidobacterium animalis ssp. lactis 420 for metabolic health**  
*Kaisa Airaksinen, Henna Maria Uusitupa, Sanna M. Mäkelä, Alvin Ibarra, Johanna Maukonen*
- EP-327** **Replacing sedentary time by moderate to vigorous physical activity is associated with less total body fat, visceral fat and liver fat**  
*Esther Winters Van Eekelen, Jeroen Hpm Van Der Velde, Sebastiaan C Boone, Hildo J Lamb, Frits R Rosendaal, Renee De Mutsert*
- EP-328** **Triglyceride levels in early pregnancy are associated with fetal growth trajectories; findings from the ROLO study**  
*Cara A Yelverton, Ciara McDonnell, Helena C Bartels, Aisling A Geraghty, Eileen C O'brien, Fionnuala M McAuliffe*
- EP-329** **Different insulin sensitivity of plasma metabolites in a two-step hyperinsulinemic-euglycemic clamp study**  
*Wenyi Wang, Ko Willems Van Dijk, Raymond Noordam, Diana Van Heemst*
- EP-330** **Associations between pre-pregnancy BMI or excessive gestational weight gain and the risk for postpartum depression: A secondary analysis of the cluster-randomised GeIS trial**  
*Hamimatunnisa Johar, Julia Hoffmann, Seryan Atasoy, Julia Günther, Lynne Stecher, Monika Spies, Hans Hauner, Karl Heinz Ladwig*

- EP-331** **Bifidobacterium animalis ssp. lactis 420 with and without polydextrose modulates gut-liver axis communication, and increases the prevalence of Akkermansia in a multi-compartmental obesogenic mice study**  
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*Alvaro Sanchez, Jersey Jair Cardenas, Paula Labeira, Sebastian Mas, Belen Gutierrez, Bogdana Luca, Diego Meneses, Clara Yela, Teresa Montoya, Sonsoles Gutierrez, Alba Galdón, Lucía Prieto, Clotilde Vázquez*
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- EP-405** **An innovative multidisciplinary study into the influence of current nutritional and supplementation advice on oral health after Bariatric surgery**  
*Bernadette Deenen, V. Hollaar, H. Kuiper, I. Janssen, V.m. Montpellier*
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*Farid Saad, Ahmad Haider, Karim Sultan Haider, Gheorghe Doros, Abdulmaged Traish*
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*Nayra Figueiredo, Marcela De Oliveira Queiroz, Karem Lays Soares Lopes, Gabriela Girade, Paula Ribeiro Toscano De Brito, Giovana Tassinare Caixeta, Luciana Oliveira E Silva, Valeria De Souza Abreu, Juarez Távora De Siqueira Junior, Ana Raimunda Dâmaso, João Felipe Mota, Flavia Campos Corgosinho*
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*Bruna Hirata, Alexandre Hild Aono, Meira Machado, Reginaldo Massanobu Kuroshu, Lila Missae Oyama, Cristina Viana Niero, Monica Marques Telles*
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*Jandri Elizabeth Barnard, Susanna Maria Kassier*
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*Antje Hebestreit, Celine Murrin, Gert Mensink, Karim Abu Omar, Pen Consortium*
- EP-589** Effects of resistance band training and body weight training on selected health parameters of pre-hypertensive adults  
*Kai Quin Chan, Eng Hoe Wee, Man Peng Mok, Hui Yin Ler*

- EP-590** **Improvements in glucose control and other risk factor markers in patients with Type 2 Diabetes using a VLCKD method**  
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*Jean Charles Lafarge, Denis Jean David, Cedric Carbonneil, Chantal Belorgey*
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- EP-596** **Monitoring of body composition as prevention of carbohydrate metabolism disorders. Clinical case**  
*Daria Podchinenova, Iuliia Samoilova, Oxana Oleynik, Olga Kobyakova, Ivan Tolmachev*
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- EP-598** **Nutritional- and Physical behaviour of primary school children aged 8-11 years after 9-month intervention: EDDY Young Study**  
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*Eirini Iro Arvanitidou, Orouba Almilaji, Juliet Wood, Fotini Tsofliou*
- EP-600** **Nosocomial weight bias. Are there differences between medical doctors and surgeons?**  
*Iñaki Marina, Jordi Morató, Gerardo Rodriguez, Silvia Mauri, Sofia Garcia*

# LATE BREAKING POSTERS

**LBP-001** **The Danish Childhood Obesity Biobank: A comprehensive data- and biobank facilitating basic and clinical research**  
Anna Katrine Gaul, Nasra Abdi Ashur, Morten Asp Vonsild Lund, Louise Aas Holm, Christine Frithioff Bøjsøe, Thorkild I.A. Sørensen, Michael Christiansen, Oluf Pedersen, Torben Hansen, Jens-Christian Holm

**LBP-002** **Clinical Study to Evaluate the Safety and Efficacy of Contrave SR after Bariatric Surgery**  
Kyong Min Park, Yeon Ju Huh, Sagn Moon Han

**LBP-003** **Psychosocial factors associated with, or predictive of, obesity in adults with psoriasis: a systematic review**  
Neli Pavlova, Rona Moss Morris, Catherine Smith, Lauren Rayner, Kitty Kioski

**LBP-004** **Using Photovoice to explore the factors influencing adults' eating behaviours and physical activity level**  
Malika Al Kattan, Stephen Fallows, Lynne Kennedy

**LBP-005** **The irisin plasma level in relation with metabolic and lifestyle parameters in patients with type 2 diabetes mellitus**  
Lidia Iuliana Arhire, Andreea Gherasim, Otilia Nita, Andrei Catalin Oprescu, Radu Sebastian Gavril, Ovidiu Mitu, Laura Mihalache

**LBP-006** **Main and secondary outcomes and cost effectiveness**  
Graham Horgan, Berit Heitmann, Sofus Larsen, Marta Marques, Cristiana Duarte, Antonio Palmeira, Marie Louise Mikkelsen, Ines Santos, Jorge Encantafo, Elizabeth Evans, Jake Turicchi, Ruairi O'driscoll, Elina Mattila, Marcela Matos, Euan Woodward, James Stubbs

**LBP-007** **The NoHoW Toolkit development: Strengths and limitations**  
Marta M Marques, António L Palmeira, Cristiana Duarte, Jorge Encantado, Graham Horgan, Elina Matilla, Marcela Matos, Falko F Sniehotta, James Stubbs, Pedro J Teixeira, Beritt Heitmann

**LBP-008** **"The effect of CBT-E group therapy on morbidity indices and behavioral characteristics of women with bulimic eating disorders and bariatric surgeries"**  
Dafna Pachter

**LBP-009** **Childhood obesity prevention policy is better than cure**  
Yingwei Wang, Suying Lo, Jensu Lin, Yihua Chin, Meiyin Chen

**LBP-010** **More than translation: exploring the feasibility of culturally-tailored intervention components for the prevention of type 2 diabetes among UK Arabs**  
Jinan Rabbee, Maria Maynard, Tanefa Apekey

**LBP-011** **Lifetime Weight Cycling and Central Fat Distribution in Seeking-treatment Females With Obesity**  
Marwan El Ghoch, Hana Tannir, Leila Itani, Dana El Masri, Dima Kreidieh

**LBP-012** **Relationship between multiple weight cycling and early weight loss in patients with obesity: A longitudinal study**  
Marwan El Ghoch, Dana El Masri, Leila Itani, Dima Kreidieh, Hana Tannir

**LBP-013** **Psychologist Responses to Patients with Overweight**  
Finian Fallon, Carel Le Roux, Werd Al Najim, Andrew Grannell

**LBP-014** **Impact of sleep and screen times on incidence of overweight in European children and adolescents**  
Viveka Guzman, Louise Arvidsson, Lauren Lissner, Monica Hunsberger

**LBP-015** **Assessment of relationship between infant anthropometric indices with food insecurity, weight and body mass index of mothers before pregnancy and in the third trimester stage referring to north Tehran City community health centers**  
Shahryar Eghtesadi, Mina Hajhosseini, Ariyo Movahedi, Maryam Eghtesadi, Arezoo Khoshdooni Farahani, Mostafa Enayatradd, Sepideh Mahdavi

**LBP-016** **The effect of weight loss on blood pressure after one year of remote counselling of overweight and obese adults by dietitians**  
Andrea Sutter, Susanne Maurer Wiesner, Stefanie Hayoz, Karin Haas

**LBP-017** **ASSOCIATION BETWEEN EATING BEHAVIOR, BIOCHEMICAL MEASUREMENTS, AND PYY HORMONE LEVELS IN OBESE ADOLESCENTS**  
Janine Alessi, Simone Pereira Fernandes, Zilda Elizabeth Albuquerque Santos, Elza Daniel De Mello

**LBP-018** **Considerations and Challenges of Pediatric Obesity Registry Data Collection and Management: Data Harmonization Required for Collaborative Research**  
William Stratbucker

**LBP-019** **Abdominal fat depots and interleukin-6 in adulthood: the 1982 Pelotas (Brazil) Birth Cohort Study**  
Francine Santos, Isabel Oliveira, Gicele Mintem, Fernando Barros, Denise Gigante

- LBP-020** **The unidentified hormonal defense against weight gain**  
Jens Lund, Camilla Lund, Thomas Morville, Christoffer Clemmensen
- LBP-021** **Reversal of long-term weight regain after roux-en-y gastric bypass using liraglutide or surgical revision**  
Fritz F Horber
- LBP-022** **Childhood and adolescent obesity intervention methodology: a qualitative systematic review**  
Joana Magalhães Vasconcelos, Júlia Calvo Galhardo
- LBP-023** **Association between sleep duration, food consumption pattern, and obesity among adolescents in Qatar**  
Abdelhamid Kerkadi, Sara Abdelfatah Mohamed, Nosheen Zehra Shahid Meer, Saima Sabreen Usman Sheikh, Joyce Moawad, Zumin She
- LBP-024** **"" Ethnic differences and determinants of obesity and diabetes mellitus in Bulgaria ""**  
Georgi Evstatiev Levterov, Boryana Angelova Levterova
- LBP-025** **Effect of bariatric surgery on GP consultation rates: a retrospective nationwide cohort study**  
Laura Lazzari, Osama Moussa, Maddalena Ardisino, Skanda Rajasundaram, Silvia Muttoni, Omar Khan, Paul Ziprin, Ara Darzi, Sanjay Purkayastha
- LBP-026** **Homeostatic Theory of Obesity: assessment of a revised version of the Circle of Discontent among children and adolescents**  
Kamila Czepczor Bernat, Anna Brytek Matera, Paweł Matusik
- LBP-027** **Malnutrition in children due to hospitalization - a prospective study**  
Fatjona Kamberi, Jonida Çeloalijaj, Hera Skendo
- LBP-028** **Effect of omental reattachment on food tolerance and gastric emptying in laparoscopic sleeve gastrectomy**  
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- LBP-029** **Obesity pandemic during COVID-19 outbreak**  
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- LBP-030** **Screening of Risk Phenotypes among Metabolic Syndrome Subjects in Adults Pakistani population**  
Muhammad Fiaz, Ghazala Kaukab Raja, Muhammad Saqlain, Ahmareen Khalid, Abid Mehmood, Bernard My Cheuang
- LBP-031** **Do the current prevention policies address the rise in obesity in children and child health inequalities in Chile? A critical analysis**  
Cecilia Prieto Bravo
- LBP-032** **Health-related quality of life in obese patients with non-alcoholic fatty liver disease with mild fibrosis**  
Olena Baka, Elina Manzhali, Olexsandr Plehutsa, Olexsandr Kalashnikov, Olexsii Potapov, Kateryna Skurat, Iryna Frankova, Artem Trots, Nina Prystai, Valeriia Trots, Sergii Kosiukhno, Olexsandr Perekhrestenko, Boris Mankovskyi, Ivan Todurov
- LBP-033** **Lung function decline, obesity and lifestyle**  
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- LBP-034** **COVID-19, quarantine, lifestyle and obesity.**  
Anca Mihaela Hâncu, Florin Dumitru Mihăl an, Maria Mo a, Anca Pantea Stoian, Adela Gabriela Stefan
- LBP-035** **Obesity and COVID-19, two pandemics coalition**  
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- LBP-036** **Use of Liraglutide after Bariatric Surgery**  
Maria Magdalena Farias, Trinidad Gonzalez
- LBP-037** **Clinical and Genomic Review of Bardet-Biedl Syndrome and Alström Syndrome**  
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- LBP-038** **Neurologic level of spinal cord injury and body composition: A systematic review and meta-analysis**  
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- LBP-039** **Metabolic effects of regular exercise and carnosine in sedentary elderly**  
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- LBP-040** **Hypothalamic NLRP3 inflammasome is early modulated in response to saturated fat**  
Daniela Soares Razolli, Gabriela Figueiredo Pucci, Thiago Matos De Araújo, Licio Augusto Velloso

- LBP-041** **Evaluation of body composition in obese individuals and association with sociodemographic, clinical and dietary factors**  
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- LBP-042** **Association between dopaminergic polymorphisms and response to treatment of binge-eating disorder**  
Brandon A Heidinger, Jameason D Cameron, Regis Vaillancourt, Micheal De Lisio, Matthew Ngu, Giorgio A Tasca, Livia Chyurlia, Éric Doucet, Steve Doucette, Ana M Obregón, Gary S Goldfield
- LBP-043** **A lab study on green nature pictures: effect on stress reactivity and stress eating**  
Nathalie Michels, Tori Vandebuerie, Maya Seynhaeve, Eline Di Bisceglie, Fien De Witte
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