

EASO

European Association for the Study of Obesity



32nd EUROPEAN CONGRESS ON OBESITY

11-14 MAY, 2025 | MALAGA, SPAIN

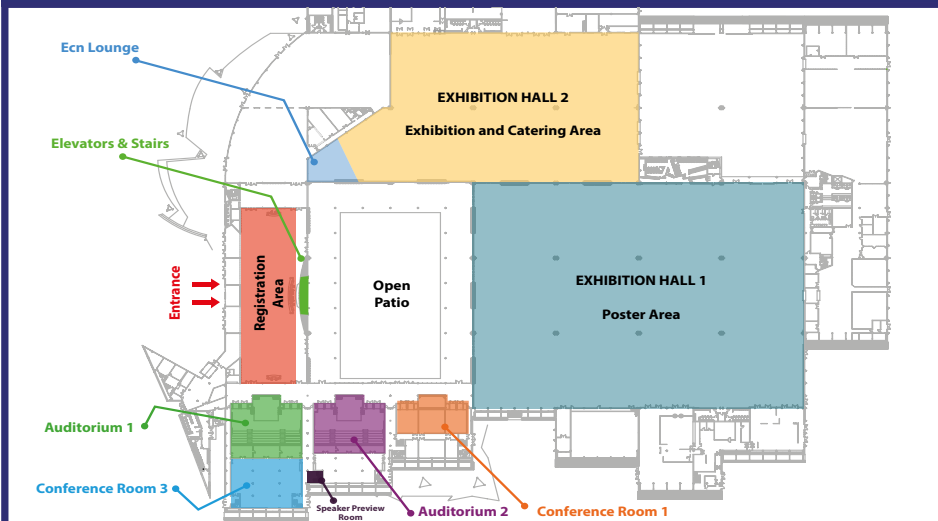
PROGRAMME BOOK



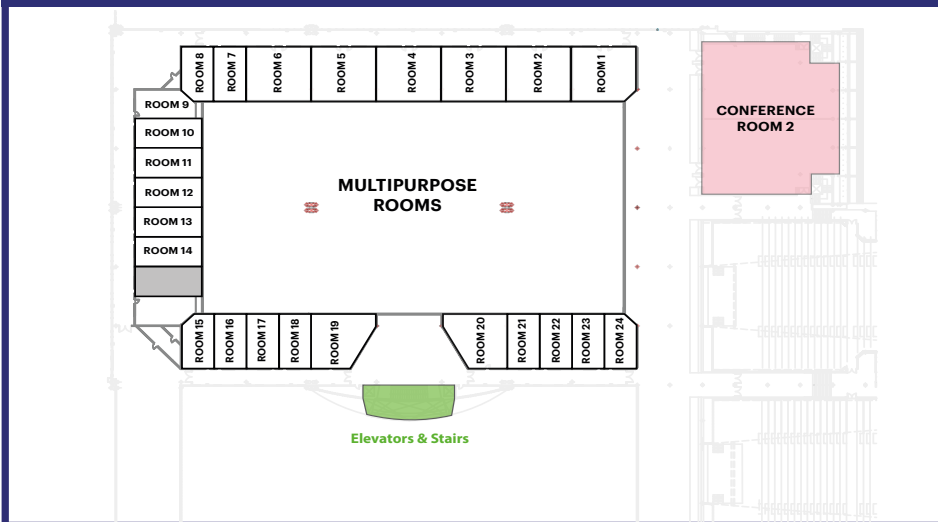
www.eco2025.org

VENUE FLOOR PLAN

LEVEL 0



LEVEL 1



PROGRAMME AT A GLANCE

11 MAY 2025, **SUNDAY**

TRACK 1
Basic
Science

TRACK 2
Behavioural Science
and Public Health

TRACK 3
Childhood and
Adolescent Obesity

TRACK 4
Obesity Management
and Intervention

Teaching Workshops 08:30-12:00

Auditorium 1	Auditorium 2	Conference Room 1	Conference Room 2	Conference Room 3
Teaching Workshop: EASO Behaviour, Psychology & Mental Health Working Group	EASO Childhood Obesity Working Group: Exploring the Big Questions in Childhood Obesity	Teaching Workshop: EASO Obesity Management Working Group/Primary Care Diabetes Europe	Teaching Workshop: EASO Nutrition Working Group/EFAD	Teaching Workshop: EASO Physical Activity, Fitness and Function Working Group

COFFEE BREAK - EXHIBITION - POSTER AREA 10:00-10:30

Topic Sessions and Accepted Symposia: 12:30-14:00

Auditorium 1	Auditorium 2	Conference Room 1	Conference Room 2	Conference Room 3
T1 Topic Session Gut-Host Interactions in Obesity	T2 Topic Session Challenges for Public Health in comprehensive approaches to address obesity: Where we are and where we need to be	T3 Topic Session Childhood Obesity in Context: Families, Screens, and Society	T4 Topic Session Management of Sleep Apnoea in People With Obesity	Accepted Symposium: Obesity across the life course in women: Implications for reproductive health

LUNCH BREAK 13:00-14:30

Abstract Sessions and Accepted Symposia 14:15-15:45

Auditorium 1	Auditorium 2	Conference Room 1	Conference Room 2	Conference Room 3
T1 Abstract Session: The Hidden Sides of Adipose Tissue	T2 Abstract Session: Psychology and Mental Health	T3 Abstract Session: Pharmacological and Non-Pharmacological Modulators and Obesity Phenotypes in Childhood	T4 Abstract Session: Obesity's Domino Effect: Unraveling Its Complications and Consequences	Joint Session with ESC: New metabolic modulators of cardiovascular health

COFFEE BREAK - EXHIBITION - POSTER AREA 15:45-16:15

Auditorium 1	Auditorium 2	Conference Room 1	Conference Room 2	Conference Room 3
Industry Supported Session 16:15-17:45	Industry Supported Session 16:15-17:45	Industry Supported Session 16:15-17:45	Industry Supported Session 16:15-17:45	Accepted Symposium: Neurocognitive and Clinical Factors in Obesity and related Eating Disorders Through Lifespan 16:15-17:45

Auditorium 1

Opening Plenary Session EASO-NNF Obesity Prize for Excellence
17:45-18:30

ECO2025 Opening Ceremony
18:30-19:00

Exhibition Hall

ECO2025 Welcome Reception
19:00-20:00

PROGRAMME AT A GLANCE

12 MAY 2025, **MONDAY**

TRACK 1
Basic Science

TRACK 2
Behavioural Science and Public Health

TRACK 3
Childhood and Adolescent Obesity

TRACK 4
Obesity Management and Intervention

Auditorium 1

Track 1 Plenary Lecture Integrative View: Metabolic Fuel Partitioning in Obesity
08:30-09:15

Topic Sessions and Accepted Symposia 09:30-11:00

Auditorium 1	Auditorium 2	Conference Room 1	Conference Room 2	Conference Room 3
T1 Topic Session Central Control of Metabolism	T2 Topic Session Interventions: Personalised Care in Lifestyle Interventions	T3 Topic Session Is a New Definition for Childhood Obesity Required?	T4 Topic Session Crosstalk between Muscle and Adipose Tissue in Sarcopenic Obesity	Joint Session: The WHO Acceleration Plan to stop Obesity

COFFEE BREAK - EXHIBITION - POSTER AREA
11:00-11:30

Abstract Sessions and EASO Sessions 11:30-13:00

Auditorium 1	Auditorium 2	Conference Room 1	Conference Room 2	Conference Room 3
T2 Abstract Session: Environment and Policy	Abstract Session: New Insights in Obesity Medications: SURMOUNT-5	Joint Session: CIBERObn Symposium: Nutrition vs. lifestyle interventions in obesity	EASO Sarcopenic Obesity & Obesity in Older Adults (SO3A) Working Group	T3 Abstract Session: Childhood Growth Patterns and Health Outcomes

Early Career Network (ECN) Lounge
11:30-13:00

EASO-NNF New Investigators Awards 2023 & 2024 Update Session

LUNCH BREAK AND POSTER VIEWING (EXHIBITION & POSTER AREA)
13:00-14:30

Auditorium 1	Auditorium 2	Conference Room 1	Conference Room 2	Exhibition Hall
Industry Supported Session 13:30-15:00	Industry Supported Session 13:30-15:00	Accepted Symposium: Circadian rhythms and obesity: A bidirectional relationship and innovative treatment approaches 13:30-15:00	Industry Supported Session 13:30-15:00	Posters Viewing 13:30-15:00

Auditorium 1

Conference Room 2

Track 2 Plenary Lecture Digital Food Environments Driving Poor Diet in Adolescents: Strategies and Interventions - 15:15-16:00

Industry Supported Session
15:00-16:30

COFFEE BREAK - EXHIBITION - POSTER AREA
16:00-16:30

Abstract Sessions and EASO Sessions 16:30-18:00

Auditorium 1	Auditorium 2	Conference Room 1	Conference Room 2	Conference Room 3
T1 Abstract Session: Inter-Organ Communication. Its All About Collaboration	T2 Abstract Session: Nutrition, Appetite/Energy Balance inc. Exercise	T4 Abstract Session: Revolutionizing Obesity Management: The New Era of Pharmacotherapy in Obesity	Joint Session: Commercial determinants of non-communicable diseases - managing conflict of interest	EASO Early Career Network (ECN) Best Thesis Award 2025

Poster Area

Track Specific Posters Networking Reception: [Track 1](#) and [Track 3](#)
18:00-19:15

PROGRAMME AT A GLANCE

13 MAY 2025, **TUESDAY**

TRACK 1
Basic
Science

TRACK 2
Behavioural Science
and Public Health

TRACK 3
Childhood and
Adolescent Obesity

TRACK 4
Obesity Management
and Intervention

Auditorium 1

Track 3 Plenary Lecture The Adolescents' Brain
08:30-09:15

Topic Sessions and Accepted Symposia
09:30-11:00

Auditorium 1	Auditorium 2	Conference Room 1	Conference Room 2	Conference Room 3
EASO COMs Session: Explaining the EASO Framework and Algorithm for the Treatment of Obesity	T1/T4 Topic Session: Weight Regain	T3 Topic Session Barriers to Treatment	T4 Topic Session Sarcopenic Obesity Complicated by Disability	T2 Topic Session What Should Pharmacotherapy be Built Around?

COFFEE BREAK - EXHIBITION - POSTER AREA
11:00-11:30

Abstract Sessions and EASO Sessions
11:30-13:00

Auditorium 1	Auditorium 2	Conference Room 1	Conference Room 2	Conference Room 3
T1 Abstract Session: Novel Drugs. The Seeds for the Future Are Here	T4 Abstract Session: From Bytes to Adipocytes: Digital Health's Role in Obesity Management	EASO-NNF 2025 Award Session 11:30-12:50	Joint Session: From Data to Action: Results from the WHO European Childhood Obesity Surveillance Initiative (COSI) Round 6 (2022-2024)	EASD and EASO: The Lifecourse of Type 1 Diabetes and Obesity

LUNCH BREAK AND POSTER VIEWING (EXHIBITION & POSTER AREA)
13:00-14:30

Auditorium 1	Auditorium 2	Conference Room 1	Conference Room 2	Conference Room 3
Industry Supported Session 13:30-15:00	Industry Supported Session 13:30-15:00	Accepted Symposium: How to Measure Obesity with BIA 13:30-15:00	SEEDO Session 13:30-15:00	Patients: The Untapped tool in your toolbox - ECPO 13:30-14:30

Exhibition Hall

Posters Viewing
13:00-15:00

Auditorium 1

Track 4 Plenary Lecture Diagnosis and Treatment of Obesity as a Chronic Disease
15:15-16:00

COFFEE BREAK - EXHIBITION - POSTER AREA
16:00-16:30

Abstract Sessions and EASO Sessions
16:30-18:00

Auditorium 1	Auditorium 2	Conference Room 1	Conference Room 2	Conference Room 3
T2 Abstract Session: Public Health Epidemiology	T3 Abstract Session: Molecular Signals Driving Obesity in Children	T1 Topic Session Adipose Tissue & Aging	T4 Abstract Session: Incretin Alchemy: Transforming Obesity Management with Hormonal Science	EASO and ERA: Tackling the emerging storm of obesity and CKD - a call to action

Poster Area

Track Specific Posters Networking Reception: Track 2 and Track 4
18:00-19:10

PROGRAMME AT A GLANCE

14 MAY 2025, WEDNESDAY

TRACK 1
Basic Science

TRACK 2
Behavioural Science and Public Health

TRACK 3
Childhood and Adolescent Obesity

TRACK 4
Obesity Management and Intervention

Auditorium 1

Special Plenary Session:
Early-onset Obesity and Puberty: From mechanisms to Consequences
08:30-09:15

Topic Sessions, Abstract Sessions and Accepted Symposia
09:30-11:00

Auditorium 1	Auditorium 2	Conference Room 1	Conference Room 2	Conference Room 3
T1 Topic Session Liver	T2 Topic Session Policy and Public Health: Commercial Determinants	T3 Topic Session The Transition to Adult Health Care	Accepted Symposium: The MASH - Obesity intersection	EASO and IFSO EC: The Multimodal Treatment of Obesity

COFFEE BREAK - EXHIBITION - POSTER AREA
11:00-11:30

Topic Sessions and Accepted Symposia
11:30-13:00

Auditorium 1	Auditorium 2	Conference Room 1	Conference Room 2	Conference Room 3
T2 Topic Session Syndemic of Obesity and Mental Health 11:30-12:45	T4 Topic Session New Perspectives for Managing CVD in Obesity	T1 Abstract Session: Deconvoluting Obesity: from Genes to Function	T3 Abstract Session: Opportunities for Prevention in Childhood Obesity	Accepted Symposium: Precision medicine for obesity: Integrating nutrition, pharmacotherapy, and big data for personalized care

Auditorium 2

Closing Plenary Session: EASO-NNF Obesity Prize for Excellence Update Session
13:00-13:45

Closing Ceremony
13:45-14:15

Close

11 MAY 2025, **SUNDAY**

TRACK 1
Basic
Science

TRACK 2
Behavioural Science
and Public Health

TRACK 3
Childhood and
Adolescent Obesity

TRACK 4
Obesity Management
and Intervention

08:30-12:00 TEACHING WORKSHOPS

08:30-12:00 EASO Behaviour, Psychology & Mental Health Working Group AUDITORIUM 1

08:30-10:00 Teaching Course Part 1: Motivational Interviewing: Strengthening Relationships through Positive Communication

Chairs: Amy Ahern (UK), Jason Halford (UK)

08:30-08:35 Introduction - objectives *V Moizé (Spain), V Vázquez-Velázquez (Mexico)*

08:35-08:55 Motivational Interviewing: Bases and spirit

08:55-09:00 Video: Who needs to change?

09:00-09:10 Types of communication skills

09:10-09:20 Motivation: How to understand it? (QR Activity)

09:20-09:35 Four Strategies

09:35-10:00 Role Playing (QR Activity)

10:00-10:30 Coffee Break

10:30-12:00 Teaching Course Part 2: The Current Understanding of Weight Bias, Obesity Stigma, and Strategies to Overcome Them

Chairs: Jason Halford (UK), Ximena Ramos-Salas (Sweden)

10:30-10:45 Impacts of Weight Bias and Stigma: Experiences of People Living With Obesity *V Mooney (Spain)*

10:45-11:00 ES1.01 The State of Weight Stigma: Health Consequences, Intersections, and Interventions *A Alberga (Canada), A C Incollingo Rodriguez (US)*

11:00-11:15 ES1.02 A summary of recent educational initiatives to prevent weight bias in healthcare by Obesity Canada's Education Action Team *N Pearce (Canada)*

11:15-11:30 ES1.03 Eliminating Weight Bias and Stigma as an Overarching Goal of the U.S. Obesity Care Advocacy Network *T Kyle (US)*

11:30-11:45 ES1.04 Results of the International Weight Bias Summit: Establishing Future Research Directions in the Field *M Côté (Canada)*

11:45-12:00 Discussion

11 MAY 2025, **SUNDAY**

TRACK 1
Basic
Science

TRACK 2
Behavioural Science
and Public Health

TRACK 3
Childhood and
Adolescent Obesity

TRACK 4
Obesity Management
and Intervention

08:30-12:00	EASO Childhood Obesity Working Group: Exploring the Big Questions in Childhood Obesity		AUDITORIUM 2
	Chairs: Paulina Nowicka (Sweden), Julio Álvarez Pitti (Spain)		
08:30-08:40	Chairs Opening Remarks		
08:40-09:30	ES2.01	Childhood Eating Behaviors: What We've Learnt and What We Still Don't Know	<i>S Carnell (US)</i>
09:30-10:10	ES2.02	Is Physical Activity the Overlooked Key in Tackling Pediatric Obesity?	<i>C Cadenas (Spain)</i>
10:10-10:30	Coffee Break		
10:30-11:10	ES2.03	Should Children Take the Lead in Their Treatment? Strategies for Effective Involvement	<i>P Nowicka (Sweden)</i>
11:10-11:50	How Obesity Medications are Reshaping our Patient 's Nutrition and Nutritional Counselling?		<i>D Weghuber (Austria)</i>
11:50-12:00	Chairs Concluding Remarks		
08:30-12:00	EASO OMWG and PCDE: Reframing Obesity in Primary Care: A New Lens on an Old Frenemy		CONFERENCE ROOM 1
	Chairs: Andreea Ciudin (Spain), Francesc Xavier Cos (Spain)		
08:30-11:00	Part 1: PCDE Defining the role of primary care in obesity		<i>F X Cos (Spain), G Cuatrecasas (Spain), A Cebrián (Spain)</i>
08:30-09:00	Introducing obesity management in Primary Care		
09:00-09:15	Q&A		
09:15-09:45	Rethinking treatments in Primary Care: a wake-up call		
09:45-10:00	Q&A		
10:00-10:30	Coffee Break		
10:30-10:50	Bests practices. What not to do.		
10:50-11:00	Wrap up		
11:00-12:00	Part 2: EASO The Use of Ultrasound in Obesity Body Composition and CV Risk assessment		
11:00-11:40	Practical Workshop : Introducing Obesity Ultrasound in Primary Care setting.		<i>G Cuatrecasas (Spain), M Calbo (Spain)</i>
11:40-12:00	Ultrasound Epicardial fat as a routine anthropometric measurement in patients living with Obesity.		<i>S di Gregorio (Spain)</i>

11 MAY 2025, **SUNDAY**

TRACK 1
Basic
Science

TRACK 2
Behavioural Science
and Public Health

TRACK 3
Childhood and
Adolescent Obesity

TRACK 4
Obesity Management
and Intervention

08:30-12:20 Teaching Workshop: EASO Nutrition Working Group/EFAD

CONFERENCE ROOM 2

08:30-10:00 Session 1: Medical nutrition therapy for obesity and its complications

Chair: Maria Hassapidou (Greece)

08:30-08:50 Metabolic Dysfunction-Associated Steatotic Liver Disease (MASLD): Links to Obesity and Cardiovascular Risk *N Katsiki (Greece)*

08:50-09:10 Medical Nutrition Therapy for the Management of Individuals with Overweight/Obesity and Cancer *M Hassapidou (Greece)*

09:10-09:30 ES4.01 Medical nutrition therapy, obesity and dementia *L Tolvanen (Sweden)*

09:30-10:00 Discussion panel

10:00-10:30 **Coffee break**

10:30-12:20 Session 2: Preventing obesity across the lifespan

Chairs: Monica Bullo (Spain), Maria Wakolbinger (Austria)

10:30-11:00 ES4.02 The 1,000 days from pregnancy to age two: a crucial window of opportunity *R Pérez-Escamilla (US)*

11:00-11:30 ES4.03 Successful childhood obesity programmes in Europe *L Moreno (Spain)*

11:30-12:00 ES4.04 Older Adults (including sarcopenia) *A Cruz Jentoft (Spain)*

12:00-12:20 Discussion panel

08:30-12:00 Teaching Workshop: EASO Physical Activity, Fitness and Function Working Group

CONFERENCE ROOM 3

Chairs: Grace O'Malley (Ireland), Jean-Michel Oppert (France)

08:30-09:00 Sedentary behaviour: definition, physiology and energy metabolism *A Bergouignan (France)*

09:00-09:30 Meal timing, appetite and exercise in people living with obesity *D Thivel (France)*

09:30-10:00 Addressing sedentary time: patient and health professional perspectives *M-M Graff (Norway), G O'Malley (Ireland)*

10:00-10:30 **Coffee Break**

10:30-11:00 Exploring relationships between sedentary behaviour and GLP1-RAS *T Yates (UK)*

11:00-12:00 Questions and Panel Discussion

11 MAY 2025, **SUNDAY**

TRACK 1
Basic
Science

TRACK 2
Behavioural Science
and Public Health

TRACK 3
Childhood and
Adolescent Obesity

TRACK 4
Obesity Management
and Intervention

10:00-10:30 COFFEE BREAK - EXHIBITION - POSTER AREA

12:30-14:00 TOPIC SESSIONS AND ACCEPTED SYMPOSIA

12:30-14:00 T1 Topic Session Gut-Host Interactions in Obesity

AUDITORIUM 1

Chairs: Emanuel Canfora (Netherlands), Javier Gomez Ambrosi (Spain)

12:30-13:00 Obesity, depression and the gut microbiota

J M Fernández Real (Spain)

13:00-13:30 TS01.01 Gut microbiota in overweight and obesity: crosstalk with adipose tissue

K Clément (France)

13:30-13:45 TS01.02 Comprehensive multi-omics analysis reveals connections between metabolic obesity, adipose tissue structure, and microbiome composition

R M Chakaroun (Sweden)

13:45-14:00 TS01.03 The role of gut microbiota in the complex interaction between rheumatoid arthritis and insulin resistance

P Ruiz Limón (Spain)

12:30-14:00 T2 Topic Session Challenges for Public Health in comprehensive approaches to address obesity: Where we are and where we need to be

AUDITORIUM 2

Chairs: Jason Halford (UK), Janas Harrington (Ireland)

12:30-12:50 TS02.01 Challenges for Public Health in comprehensive approaches to address obesity: Where we are and where we need to be

J Adams (UK)

12:50-13:10 TS02.02 The catastrophic failures of public health in confronting the obesity pandemic.

M A Martinez (Spain)

13:10-13:30 TS02.03 Moving Beyond Weight as a Behaviour: Integrating Obesity as a Chronic Disease in Public Health

X Ramos Salas (Sweden)

13:30-13:50 Has Public Health failed? Could it Have Ever Succeeded?

H Rutter (UK)

13:50-14:00 Discussion

12:30-14:00 T3 Topic Session Childhood Obesity in Context: Families, Screens, and Society

CONFERENCE ROOM 1

Chairs: Paulina Nowicka (Sweden), Gilberto Pérez López (Spain)

12:30-13:00 Family Dynamic

P Nowicka (Sweden)

13:00-13:30 TS03 The Role of Digital World in the Etiology of Infant Obesity

M Salmerón (Spain)

13:30-14:00 Lessons learned from nutritional epidemiology in Europe

L Moreno (Spain)

11 MAY 2025, **SUNDAY**

TRACK 1
Basic Science

TRACK 2
Behavioural Science and Public Health

TRACK 3
Childhood and Adolescent Obesity

TRACK 4
Obesity Management and Intervention

12:30-14:00

T4 Topic Session Management of Sleep Apnoea in People With Obesity

CONFERENCE ROOM 2

Chairs: Paolo Sbraccia (Italy), Nuria Vilarrasa (Spain)

12:30-13:00

Lifestyle Intervention

A Carneiro-Barrera (Spain)

13:00-13:30

TS04

Pharmacotherapy

Ingo Fietze (Germany)

13:30-14:00

Patient Perspectives

A Constantin (France), A Lake (UK)

12:30-14:00

Accepted Symposium: Obesity across the life course in women: Implications for reproductive health.

CONFERENCE ROOM 3

Chairs: Dorthe C. Pedersen (Denmark), Solveig Sigurardottir (Iceland)

12:30-12:35

Welcome

12:35-12:45

AS1.04

Obesity Across the Life Course in Women

E Sveinsdóttir (Iceland)

12:45-12:55

AS1.01

Childhood body size and reproductive health in women

D C. Pedersen (Denmark)

12:55-13:05

AS1.02

Impact of adiposity on breastfeeding intention, initiation, and duration

J L. Baker (Denmark)

13:05-13:15

AS1.03

Obesity and menopause - navigating the cardiometabolic transition and finding ways to manage the associated symptoms, including weight gain

E Huvinen (Finland)

13:15-13:25

AS1.05

Obesity Management Across the Life Course in Women

A Ciudin (Spain)

13:25-14:00

Q&A and Presentations of 1 or 2 cases

13:00-14:30

LUNCH BREAK

14:15-15:45

ABSTRACT SESSIONS AND ACCEPTED SYMPOSIA

14:15-15:45

T1 Abstract Session: The Hidden Sides of Adipose Tissue

AUDITORIUM 1

Chairs: Bret Goodpaster (US), Francesc Villarroya (Spain)

14:15-14:30

AD01.01

Single-cell atlas of human adipose tissue implicates ANGPTL signalling in obesity pathology

W Hang (UK)

14:30-14:45

AD01.02

ADTRP inhibition improves glucose tolerance, reduces body weight, and enhances FAHFA-driven anti-inflammatory effects in obese diabetic mice

S Min Ong (Singapore)

14:45-15:00

AD01.03

Altered microRNA expression profiles in subcutaneous white adipose tissue and their association with hepatic steatosis in obesity

S Lorente-Cebrián (Spain)

15:00-15:15

AD01.04

Prdm1 regulates adipocyte transcriptome and the susceptibility to diet-induced obesity in mice

M J. Moreno Aliaga (Spain)

15:15-15:30

AD01.05

Overeating Does Not Predict High-Fat Diet-Induced Obesity in Mice

J Lund (Denmark)

15:30-15:45

AD01.06

Absence of MCJ/DnaJC15 promotes brown adipose tissue thermogenesis

C Folgueira (Spain)

11 MAY 2025, **SUNDAY**

TRACK 1
Basic Science

TRACK 2
Behavioural Science and Public Health

TRACK 3
Childhood and Adolescent Obesity

TRACK 4
Obesity Management and Intervention

14:15-15:45			T2 Abstract Session: Psychology and Mental Health	AUDITORIUM 2
			Chairs: Amy Ahern (UK), Susie Birney (Ireland)	
14:15-14:30	AD02.01	Impact of Psychological Intervention on Managing Overweight and Obesity from an Integrative Approach	A Arroyo-Fernández (Spain)	
14:30-14:45	AD02.06	Exploring the role of Adverse Childhood Experiences on Appetitive Traits in Adolescence: a prospective analysis	A Costa (Portugal)	
14:45-15:00	AD02.03	"She is probably on Wegovy" - a qualitative study exploring experiences and perceptions about using weight loss medication in a rural setting in Denmark	K Tranberg Jensen (Denmark)	
15:00-15:15	AD02.04	Patient voices: The role of psychological support in behavioural intervention for people living with severe obesity (PROGROUP)	L Hawkins (UK)	
15:15-15:30	AD02.05	Assessing the effect of an intensive lifestyle intervention on healthy and unhealthy behaviors in daily life for individuals with overweight and obesity	E Vanbrabant (Netherlands)	
15:30-15:45	AD02.02	Internalized Weight Stigma in Obesity: A Study on Cognitive Dissonance with Six-Month Follow-Up	R Dalle Grave (Italy)	
14:15-15:45			T3 Abstract Session: Pharmacological and Non-Pharmacological Modulators and Obesity Phenotypes in Childhood	CONFERENCE ROOM 1
			Chairs: Susan Carnell (US), Tryggvi Helgason (Iceland)	
14:15-14:30	AD03.01	What aspects of outcome measurement instruments are important to parents/caregivers in child health trials	M Duffy (Ireland)	
14:30-14:45	AD03.02	Long-term Weight Changes in Response to Liraglutide in Adolescents in a Real-world Setting	T Chukir (Qatar)	
14:45-15:00	AD03.03	Serum Trimethylamine N-Oxide, a Predictor of Vascular Damage in Children Living with Obesity	S M Mihuta (Romania)	
15:00-15:15	AD03.04	A late chronotype associates with elevated BMI z-score throughout school age	S Lommi (Finland)	
15:15-15:30	AD03.05	Impact of Abdominal Obesity on Subcortical Brain Structures in Adolescents: The Role of Social Determinants of Health	A C F. De Moraes (US)	
15:30-15:45	AD03.06	Reprogramming energy homeostasis in children with overweight and obesity through nutritional and physical activity interventions: a fNIRS study	G Scozia (Italy)	

11 MAY 2025, **SUNDAY**

TRACK 1
Basic Science

TRACK 2
Behavioural Science and Public Health

TRACK 3
Childhood and Adolescent Obesity

TRACK 4
Obesity Management and Intervention

14:15-15:45

T4 Abstract Session: Obesity's Domino Effect: Unraveling Its Complications and Consequences

CONFERENCE ROOM 2

Chairs: Luca Busetto (Italy), Albert Lecube (Spain)

14:15-14:30

AD04.01

The prevalence of MASLD and risk of hepatic fibrosis in people with cardiometabolic risk factors: A nationwide study (DAHUDER MASLD STUDY)

A Sonmez (Türkiye)

14:30-14:45

AD04.02

Impact of changes in body weight, BMI, and fat mass on glomerular filtration rate over a 4-year follow-up: insights from the ILERVAS cohort

A Lecube (Spain)

14:45-15:00

AD04.03

European Recommendations from Health Care Professionals and People Living with Obesity on Safe Practice for Bariatric and Metabolic Surgery Medical Tourism: A Modified Delphi Consensus Statement from EASO, IFSO-EC and ECPO

L J. Dobbie (UK)

15:00-15:15

AD04.04

Impact of Glucagon-Like Peptide Receptor Agonists (GLP-1 RAs) on Pregnancy: An Integrative Evidence Review and Clinical Perspectives

A Bedin-Pochini (Brazil)

15:15-15:30

AD04.05

Lights and shadows of bariatric surgery as from a nationwide administrative database of people living with type 1 diabetes

C Carette (France)

15:30-15:45

AD04.06

Maternal Weight and Delivery Mode Shape the Neonatal Gut Microbiota: Findings From The LIMIT Cohort Study at the Delivery

D El Masri (Italy)

14:15-15:45

New metabolic modulators of cardiovascular health

CONFERENCE ROOM 3

Chairs: Andrew Agbaje (Finland), Gema Fruhbeck (Spain)

14:15-14:35

Sex differences in obesity and cardiometabolic diseases

G Goossens (Netherlands)

14:35-14:55

Physical exercise prescription in patients with obesity and heart failure

J-M Oppert (France)

14:55-15:15

Interventions to modulate metabolic status in cardiovascular diseases - ESC Clinical Consensus.

A Rosengren (Sweden)

15:15-15:35

Estimating direct tissue effects versus weight loss effects of incretin-based drugs for obesity on cardiometabolic conditions

N Sattar (UK)

15:35-15:45

Discussion

15:45-16:15

COFFEE BREAK - EXHIBITION - POSTER AREA

16:15-17:45

Industry Supported Session 1

For further details please visit:

<https://eco2025.org/assets/docs/currax-11may.pdf>

AUDITORIUM 1

16:15-17:45

Industry Supported Session 2

For further details please visit:

<https://eco2025.org/assets/docs/lilly-11may.pdf>

AUDITORIUM 2

16:15-17:45

Industry Supported Session 3

For further details please visit:

<https://eco2025.org/assets/docs/rhythm-11may.pdf>

CONFERENCE ROOM 1

16:15-17:45

Industry Supported Session 4

For further details please visit:

<https://eco2025.org/assets/docs/boehringer-11may.pdf>

CONFERENCE ROOM 2

11 MAY 2025, **SUNDAY**

TRACK 1
Basic Science

TRACK 2
Behavioural Science and Public Health

TRACK 3
Childhood and Adolescent Obesity

TRACK 4
Obesity Management and Intervention

16:15-17:45	Accepted Symposium: Neurocognitive and Clinical Factors in Obesity and related Eating Disorders Through Lifespan		CONFERENCE ROOM 3
	Chairs: Susana Jimenez-Murcia (Spain), Manolo Tena (Spain)		
16:15-16:35	AS2.01	Shared Clinical and Cognitive Factors in Obesity and Related Eating Disorders	<i>F Fernandez-Aranda (Spain)</i>
16:35-16:55	AS2.02	Genetic and intergenerational risk in Eating Disorders and Obesity	<i>N Micali (Denmark)</i>
16:55-17:15	AS2.03	Shared Brain factors in Eating Disorders and Obesity	<i>A Favaro (Italy)</i>
17:15-17:35	AS2.04	Supporting families to achieve a healthy weight development for their child with overweight/obesity using the STARKIDS intervention: first results of this cluster-randomized controlled trial	<i>S Zipfel (Germany)</i>
17:35-17:45		Discussion	
17:45-18:30	Opening Plenary Session EASO-NNF Obesity Prize for Excellence		AUDITORIUM 1
	Chairs: Volkan Yumuk (Türkiye), Jennifer Baker (Denmark)		
17:45-17:50		Welcome & Introduction	<i>V Yumuk (Türkiye)</i>
17:50-17:55		Pre-recorded video: Congratulations and introduction to the NNF	<i>A Astrup (Denmark)</i>
17:55-18:00		Prize and Diploma awarded and photo session	<i>V Yumuk (Türkiye), M P Nielsen (Denmark)</i>
18:00-18:10		Video developed by NNF featuring Excellence Prize winner	<i>K Pietiläinen (Finland)</i>
18:10-18:25		Obesity: Life in a miniature -From metabolic insight to stigma-free care	<i>K Pietiläinen (Finland)</i>
18:25-18:30		Q&A	
18:30-19:00	ECO2025 Opening Ceremony		AUDITORIUM 1
19:00-20:00	ECO2025 Welcome Reception		EXHIBITION HALL

12 MAY 2025, **MONDAY**

TRACK 1
Basic
Science

TRACK 2
Behavioural Science
and Public Health

TRACK 3
Childhood and
Adolescent Obesity

TRACK 4
Obesity Management
and Intervention

08:30-09:15

Track 1 Plenary Lecture Integrative View: Metabolic Fuel Partitioning in Obesity

AUDITORIUM 1

Chairs: Maria del Mar Malagon (Spain), Gijs Goossens (Netherlands)

08:30-09:15

Fuel Partitioning and the Carbohydrate-Insulin Model of Obesity

D S Ludwig (US)

09:30-11:00

TOPIC SESSIONS AND ACCEPTED SYMPOSIA

09:30-11:00

T1 Topic Session Central Control of Metabolism

AUDITORIUM 1

Chairs: Georgia Colleluori (Italy), Luisa Maria Seoane (Spain)

09:30-10:00

CNS-dependent regulation of energy and glucose metabolism

J Brüning (Germany)

10:00-10:30

Functional MRI studies of human eating behaviour

T Goldstone (UK)

10:30-10:45

TS05.01

Hypothalamic FGF1 can regulate systemic energy homeostasis

H Shin (South Korea)

10:45-11:00

TS05.02

GPR101 modulates body weight and food intake through specific population of neurons

D Abboud (Belgium)

09:30-11:00

T2 Topic Session Interventions: Personalised Care in Lifestyle Interventions

AUDITORIUM 2

Chairs: Gaston Ares (Uruguay), Albert Lecube (Spain)

09:30-10:00

What does a patient-centred intervention approach look like (in primary care)?

L Ellis (UK)

10:00-10:30

Behavioural Phenotypes

C Llewellyn (UK)

10:30-11:00

Host-Microbiome Interaction in Health and Disease

E Elinav (Israel)



09:30-11:00

T3 Topic Session Is a New Definition for Childhood Obesity Required?

CONFERENCE ROOM 1

Chairs: Tryggvi Helgason (Iceland), Grace O'Malley (Ireland)

09:30-10:00

TS06.01

Definition

P Juliussen (Norway)

10:00-10:30

Management

G Pérez López (Spain)

10:30-11:00

TS06.02

Considerations in Multi-Ethnic Groups

A Agbaje (Finland)

09:30-11:00

T4 Topic Session Crosstalk between Muscle and Adipose Tissue in Sarcopenic Obesity

CONFERENCE ROOM 2

Chairs: Lorenzo Donini (Italy), Sini Heinonen (Finland)

09:30-10:00

TS07.01

Interleukin-6 as an energy allocator in muscle tissue

H Ellingsgaard (Denmark)

10:00-10:30

Intermuscular adipose tissue in metabolic disease

B H Goodpaster (US)

10:30-10:45

TS07.02

Prevalence of low muscle mass and malnutrition in hospital patients with overweight and obesity: a matter of methods

M A. E. de van der Schueren (Netherlands)

10:45-11:00

TS07.03

Assessment of Nutritional Status in Patients with Sarcopenic Obesity on Hospital Admission

M Molina (Spain)

12 MAY 2025, **MONDAY**

TRACK 1
Basic Science

TRACK 2
Behavioural Science and Public Health

TRACK 3
Childhood and Adolescent Obesity

TRACK 4
Obesity Management and Intervention

09:30-11:00

The WHO Acceleration Plan to stop Obesity: a global initiative to address the obesity pandemic. From the endorsement at WHA 75 in 2022 to a practical roll out in 34 countries

CONFERENCE ROOM 3

Chair: Jennifer Baker (Denmark), Kremlin Wickramasinghe (Denmark)

09:30-09:40

Implementation of the WHO Acceleration Plan, from 2022-2025

F Celletti (Switzerland)

09:40-09:50

Obesity in the WHO European Region.

K Wickramasinghe (Denmark)

09:50-10:20

Actions to reduce obesity and overweight in countries:

09:50-10:00

Update from Spain

P Gullón (Spain)

10:00-10:10

Update from Portugal

M J Gregorio (Portugal)

10:10-10:20

Update from Ireland

D O'Shea (Ireland)

10:20-10:30

Perspectives from Civil Society

S F Gómez (Spain), V Mooney (Spain)

10:30-10:40

MAPPS II Project and its role in supporting the WHO Acceleration Plan to STOP Obesity

J Ralston (US)

10:40-11:00

Discussion

11:00-11:30

COFFEE BREAK - EXHIBITION - POSTER AREA

11:30-13:00

ABSTRACT SESSIONS AND EASO SESSIONS

11:30-13:00

T2 Abstract Session: Environment and Policy

AUDITORIUM 1

Chairs : Emma Boyland (UK), Teodora Handjieva-Darlenska (Bulgaria)

11:30-11:45

AD05.01

Investigating the quasi-causal association between the obesogenic environment and obesity: a twin study

B Berntzen (Netherlands)

11:45-12:00

AD05.02

Neighbourhood food environment and mortality due to obesity related NCDs: A large-scale nationwide cohort study

P Meijer (Netherlands)

12:00-12:15

AD05.03

Supporting people living with obesity and food insecurity to make healthy food purchases: Insights from UK food retailers

C Hardman (UK)

12:15-12:30

AD05.04

How Can Front-of-Package Nutrition Labels Shape Healthier Choices by Influencing Decision-Making Time

E Hafner (Slovenia)

12:30-12:45

AD05.05

The health impacts of mandatory menu calorie labelling and sugar-sweetened beverage taxation in two European countries: A modelling study

I G N E Putra (UK)

12:45-13:00

AD05.06

Food Fight Campaign - taking to the streets to stop unhealthy food marketing on public transport

J Martin (Australia)

12 MAY 2025, **MONDAY**

TRACK 1
Basic Science

TRACK 2
Behavioural Science and Public Health

TRACK 3
Childhood and Adolescent Obesity

TRACK 4
Obesity Management and Intervention

11:30-13:00

Abstract Session: New Insights in Obesity Medications: SURMOUNT-5

AUDITORIUM 2

Chairs: Andreea Ciudin (Spain), Dror Dicker (Israel)

11:30-11:45

AD06.01

SURMOUNT-5 Trial: Design, Rationale and Baseline Characteristics

Deborah B. Horn (US)

11:45-12:00

AD06.02

Tirzepatide Compared to Semaglutide for the Treatment of Obesity: The SURMOUNT-5 Trial Efficacy and Safety

Deborah B. Horn (US)

12:00-12:15

AD06.03

Change in Cardiometabolic Parameters in People with Obesity Treated with Tirzepatide and Semaglutide: The SURMOUNT-5 Trial

Louis J. Aronne (US)

12:15-12:30

AD06.04

Weight Reduction with Tirzepatide 15 mg versus Semaglutide 2.4 mg from the SURMOUNT-5 Trial

Louis J. Aronne (US)

12:30-12:45

AD06.05

A New Dawn in Obesity Care: Treat to Target, a Post Hoc Analysis of the SURMOUNT-5 Trial

Carel W. Le Roux (UK)

12:45-13:00

Discussion

11:30-13:00

Joint Session: CIBERObn Symposium: Nutrition vs. lifestyle interventions in obesity

CONFERENCE ROOM 1

Chairs: Diana Castillo (Spain), Laura Herrero (Spain)

11:30-12:00

JS2.01

Environmental sustainability, food and lifestyle sustainability, and non-communicable diseases

C Bouzas Velasco (Spain)

12:00-12:30

JS2.02

Efficacy of a digital intervention for the promotion of healthy lifestyles in populations living with overweight and obesity

L Desdentado (Spain)

12:30-13:00

JS2.03

An integrative nutritional approach to address metabolic dysfunction in Steatotic Liver Disease

C Puig Muñoz (Spain)

11:30-13:00

EASO Sarcopenic Obesity & Obesity in Older Adults (SO3A) Working Group

CONFERENCE ROOM 2

Chairs: Lorenzo Donini (Italy), Mette Svendsen (Norway)

11:30-11:50

Optimal protein intake to preserve lean mass during treatment with obesity management medications

C Guillet (France)

11:50-12:10

Malnutrition in older adults with obesity

R Barazzoni (Italy)

12:10-12:30

Energy metabolism and sarcopenic obesity: implications for intermittent fasting

E Poggiogalle (Italy)

12:30-12:50

Physical activity for the preservation of muscle mass in people with obesity during weight loss programs (pharmaceutical or not)

F B Ortega (Spain)

12:50-13:00

Discussion

12 MAY 2025, **MONDAY**

TRACK 1
Basic Science

TRACK 2
Behavioural Science and Public Health

TRACK 3
Childhood and Adolescent Obesity

TRACK 4
Obesity Management and Intervention

11:30-13:00			T3 Abstract Session: Abstract Session: Childhood Growth Patterns and Health Outcomes	CONFERENCE ROOM 3
			Chairs: Andrew Agbaje (Finland), Melania Manco (Italy)	
11:30-11:45	AD07.01	Disease Patterns at Adult ages by Childhood BMI Group	<i>J Aarestrup (Denmark)</i>	
11:45-12:00	AD07.02	Childhood Body Mass Index Trajectories and Risk of Overweight and Obesity in Young Adulthood	<i>J De Groot (Netherlands)</i>	
12:00-12:15	AD07.03	Children with metabolically healthy obesity and their long-term risk of cardiometabolic morbidities up to young adulthood	<i>R R Putri (Sweden)</i>	
12:15-12:30	AD07.04	Adverse Waist-For-Height Ratio Trajectories in Childhood are Associated with Cardiometabolic and Cardiovascular Risk by age 10	<i>D Horner (Denmark)</i>	
12:30-12:45	AD07.05	Estimating the effect of overweight and obesity during adolescence on the risk of long-term comorbidities: a population-based retrospective analysis in England between 2008 and 2023	<i>D Giri (UK)</i>	
12:45-13:00	AD07.06	Dual-Energy Xray Absorptiometry-measured Fat Mass in Adolescence but not in Childhood Predicts Worsening Cardiac Changes in 1803 Children - A 15-year Longitudinal Study	<i>A O Agbaje (Finland)</i>	
11:30-13:00			EASO-NNF New Investigators Awards 2023 & 2024 Update Session	ECN LOUNGE
			Chairs: Lubomira Fabryova (Slovakia), Eugenia Romano (UK)	
11:30-11:40		Welcome & Introduction		
11:40-11:55		Public Health Award 2023: Susanna Mills (UK) interviewed by	<i>J Halford (UK)</i>	
11:55-12:10		Basic Science Award 2024: Birgitta van der Kolk (Finland) interviewed by	<i>E Blaak (Netherlands)</i>	
12:10-12:25		Public Health Award 2024: Laura Gray (UK) interviewed by	<i>J Halford (UK)</i>	
12:25-12:40		Clinical Research Award 2024: Borja Martinez Tellez (Spain) interviewed by	<i>P Sbraccia (Italy)</i>	
12:40-12:55		Childhood Obesity Award 2024: Andrew Agbaje (Finland & UK) interviewed by	<i>J Baker (Denmark)</i>	
12:55-13:00		Closing remarks		
13:00-14:30			LUNCH BREAK AND POSTER VIEWING	EXHIBITION & POSTER AREA
13:30-15:00		Industry Supported Session 5 For further details please visit: https://eco2025.org/assets/docs/lilly-12may.pdf		AUDITORIUM 1
13:30-15:00		Industry Supported Session 6 For further details please visit: https://eco2025.org/assets/docs/boehringer-12may.pdf		AUDITORIUM 2
13:30-15:00		Industry Supported Session 7 For further details please visit: https://eco2025.org/assets/docs/novo-nordisk-12may.pdf		CONFERENCE ROOM 2

12 MAY 2025, **MONDAY**

TRACK 1
Basic
Science

TRACK 2
Behavioural Science
and Public Health

TRACK 3
Childhood and
Adolescent Obesity

TRACK 4
Obesity Management
and Intervention

13:30-15:00 Accepted Symposium: Circadian rhythms and obesity: A bidirectional relationship and innovative treatment approaches

CONFERENCE ROOM 1

Chair: Marwan El Ghoch (Italy)

13:30-13:40 Introduction by the Chair

13:40-14:00 AS3.01 Chronodisruption enhances inflammatory cytokine release from visceral adipose tissue in individuals with obesity *L Verde (Italy)*

14:00-14:20 AS3.02 Chrono-Nutritional Patterns, Medical Comorbidities, and Psychological Status in Patients with Severe Obesity before and after weight loss *S Bettini (Italy)*

14:20-14:40 Chrono-nutrition and body composition of university students with overweight/obesity *P C Calderón Abad (Ecuador)*

14:40-15:00 Panel Discussion and Q&A

15:15-16:00 Track 2 Plenary Session Plenary Lecture

AUDITORIUM 1

Chairs: Jennifer Baker (Denmark), Emma Boyland (UK)

15:15-16:00 PL2 Digital Food Environments Driving Poor Diet in Adolescents: Strategies and Interventions *G Ares (Uruguay)*

15:00-16:30 **Industry Supported Session 8**
For further details please visit:
<https://eco2025.org/assets/docs/vivus-12may.pdf>

CONFERENCE ROOM 2

16:00-16:30 COFFEE BREAK - EXHIBITION - POSTER AREA

16:30-18:00 ABSTRACT SESSIONS AND EASO SESSIONS

12 MAY 2025, **MONDAY**

TRACK 1
Basic Science

TRACK 2
Behavioural Science and Public Health

TRACK 3
Childhood and Adolescent Obesity

TRACK 4
Obesity Management and Intervention

16:30-18:00

T1 Abstract Session: InterOrgan Communication. Its All About Collaboration

AUDITORIUM 1

Chairs: Tony Goldstone (UK), Ruth Loos (Denmark)

16:30-16:45

AD08.01

Functional role of extracellular vesicles in the dynamic metabolic-tissue dialogue in obesity

N L Baameiro (Spain)

16:45-17:00

AD08.02

Exploring the relationship of GDF15 and FGF21 with glycemic control and aging, and their potential as biomarkers for type 2 diabetes in obesity

L Salmón-Gómez (Spain)

17:00-17:15

AD08.03

Increased levels of miR-122 in the plasma due to obesity can be a contributor to inflammation and dysregulation of lipid metabolism in mature adipocytes {in vitro}

C Panzarin (Brasil)

17:15-17:30

AD08.04

The ketone body β -hydroxybutyrate alters the methylome of breast cancer cells in vitro: A potential role for nutritional ketosis on counteracting obesity-related breast cancer

A G Izquierdo (Spain)

17:30-17:45

AD08.05

Circulating zinc-alpha2-glycoprotein (ZAG) response to acute insulin stimuli: insights into lipid and glucose metabolism

A Lecube (Spain)

17:45-18:00

AD08.06

Effects of N-acyl ethanolamines on metabolic dysfunction and cellular stress responses driven by obesity

S Melini (Italy)

16:30-18:00

T2 Abstract Session: Nutrition, Appetite/Energy Balance inc. Exercise

AUDITORIUM 2

Chairs: Mette Svendsen (Norway), Jonatan Ruiz (Spain)

16:30-16:45

AD09.01

Accelerometry-measured walking sessions in older adults with overweight and obesity: associations with neighborhood walkability and social functioning

J Warnberg (Spain)

16:45-17:00

AD09.02

Associations between dietary glycemic measures and dementia risk: the modifying role of body weight and fat distribution

N Novau-Ferré (Spain)

17:00-17:15

AD09.03

Food Biodiversity and Weight Variation: Associations in a French Cohort

B Srouf (France)

17:15-17:30

AD09.04

The association of smoking with appetite, appetite-related hormones and energy intake: a matched-pair cohort study

A Alruwaili (UK)

17:30-17:45

AD09.05

Comparison of retrospective and momentary dietary and physical activity measures in participants with obesity, overweight and healthy bodyweight

J Hesin (Netherlands)

17:45-18:00

AD09.06

Association between sodium intake, spot urine sodium concentration and obesity: a population-based study

A Santalahti (Finland)

12 MAY 2025, **MONDAY**

TRACK 1
Basic Science

TRACK 2
Behavioural Science and Public Health

TRACK 3
Childhood and Adolescent Obesity

TRACK 4
Obesity Management and Intervention

16:30-18:00

T4 Abstract Session: Revolutionizing Obesity Management: The New Era of Pharmacotherapy in Obesity

CONFERENCE ROOM 1

Chairs: Barbara McGowan (UK), Camilo Silva (Spain)

16:30-16:45

AD10.01

Safety, pharmacokinetics and pharmacodynamics of dual amylin and calcitonin receptor agonist coluntide (LY3541105) for chronic weight management: a phase 1 study

O H Benichou (US)

16:45-17:00

AD10.02

Real-world setmelanotide weight outcomes in French patients with acquired or congenital hypothalamic obesity

S Chalopin (France)

17:00-17:15

AD10.03

The dual glucagon/GLP-1 receptor agonist survodutide improved cardiovascular risk biomarkers in adults with obesity in a phase 2 trial

M Blüher (Germany)

17:15-17:30

AD10.04

Presentation of OBA: a phase 2 clinical trial testing the drug candidate BIO101 (20E) to limit the loss of muscle mass and function induced by semaglutide in patients with obesity

S Camelo (France)

17:30-17:45

AD10.05

The Effect of Early Weight Loss with Oral Shape-Shifting Superabsorbent Hydrogel Capsule

D H Ryan (US)

17:45-18:00

AD10.06

DAYBREAK Trial: Setmelanotide vs Placebo in Patients with Melanocortin-4 Receptor Pathway Variants

E van den Akker (Netherlands)

16:30-18:00

Joint Session: Commercial determinants of non-communicable diseases - managing conflict of interest

CONFERENCE ROOM 2

Chairs: Emma Boyland (UK), Kremlin Wickramasinghe (Denmark)

16:30-16:55

Commercial industry practices and key lessons learnt from the Member States of the WHO European Region

K Wickremasinghe (Denmark)

16:55-17:20

Digging deeper into conflict of interest - what is it, why is it important and what can we do

J Collin (UK)

17:20-17:45

Overview of available policy tools to detect and manage conflict of interest

S Kasturiarachchi (Denmark)

17:45-17:55

Panel discussion

*P Gullon (Spain),
J Collin (UK),
E Boyland (UK),
N Padja (UK)*

17:55-18:00

Q&A

12 MAY 2025, **MONDAY**

TRACK 1
Basic Science

TRACK 2
Behavioural Science and Public Health

TRACK 3
Childhood and Adolescent Obesity

TRACK 4
Obesity Management and Intervention

16:30-18:00 EASO Early Career Network (ECN) Best Thesis Award 2025 **CONFERENCE ROOM 3**

Chairs: Niamh Arthurs (Ireland), Bram Berntzen (Netherlands)

16:30-16:35 Welcome from the ECN Board and EASO Trustee(s)

16:35-16:50 Precision Nutrition in Cardio-Metabolic Health: The Role of the Gut Microbiota *K Jardon (Netherlands)*

16:50-17:05 Characterising the Obesogenic Built Environment using Composite Indicators: A Moonshot or a Paper Moon? *T Minh Lam (Netherlands)*

17:05-17:20 Adipose Tissue-Derived Extracellular Vesicles in Obesity *J Matilainen (Finland)*

17:20-17:40 Career Progression as an Obesity Researcher *A Agbaje (Finland)*

17:40-18:00 Engagement in the EASO ECN and the EASO ECN Best Thesis Award 2025 Announcement *N Arthurs (Ireland), B Berntzen (Netherlands)*

18:00-19:15 **Track 1 and Track 3 Poster Discussion and Networking** **POSTER AREA**

Track 1 - "T1 - Screen A"

Chairs: Emanuel Canfora (Netherlands), Amaia Rodriguez (Spain)

18:00-18:05 PO1.001 Rhythms of gene expression in adipose tissue are linked to adipocyte size and metabolic health *I Dozzani (Italy)*

18:05-18:10 PO1.002 Kiss1 neuron-Bdnf exerts a sexual dimorphic function controlling sexual development in female and energy balance in male mice *A M Zanesco (Brazil)*

18:10-18:15 PO1.003 Identification of fibromodulin in adipose tissue as a potential therapeutic target in children with obesity *R Moreno Cañadas (Spain)*

18:15-18:20 PO1.004 Effects of A2 milk on intestinal barrier integrity and adipose tissue inflammation *E Scopini (Italy)*

18:20-18:25 PO1.005 Multi-Omics Approach for Identifying Novel Candidate Molecules to Activate Adipose Tissue *L Petriskova (Slovakia)*

18:25-18:30 LBP1.01 Cereblon (CRBN), a component of the ubiquitin ligase complex, modulates high-caloric food intake via suppressing SIM1/ARNT2 action in the paraventricular nucleus of hypothalamus *S Kim (South Korea)*

18:30-18:35 LBP1.02 Is intestinal CD36 involved in the development of Western Diet-induced obesity? *Tatiana Al Anaissy (France)*

18:35-18:40 LBP1.03 Deficiency of MBD2 in pancreatic β -cells leads to obesity *Q Liu (China)*

18:40-18:45 LBP1.04 Evaluation of Delta-5-desaturase (D5D) inhibitors for obesity *P Slos (Germany)*

18:45-18:50 LBP1.05 Age-depedent Fgfr3 DNA methylation contributes to failure of adipose progenitor cells differentiating into beige adipocyte *G Zhichao (China)*

18:50-18:55 LBP1.06 Acute Aerobic Exercise Increases the Expression and Secretion of Secreted frizzled related protein 4(SFRP4) *J Sun Nam (South Korea)*

12 MAY 2025, **MONDAY**

TRACK 1
Basic Science

TRACK 2
Behavioural Science and Public Health

TRACK 3
Childhood and Adolescent Obesity

TRACK 4
Obesity Management and Intervention

Track 1 - "T1 - Screen B"

Chairs: Emanuel Canfora (Netherlands), Amaia Rodriguez (Spain)

18:00-18:05	PO1.006	Novel strategies to analyze obesity-associated adipose tissue dysfunction and fibrosis adipocyte 3D spheroids	<i>B González Almécija (Spain)</i>
18:05-18:10	PO1.007	Neuropeptide γ (NPY) deletion in tyrosine hydroxylase neurons alter metabolic regulation of transgenic mice	<i>G Batitucci (Brazil)</i>
18:10-18:15	PO1.009	Gastric microbiota-specific signatures in adults with obesity and Helicobacter pylori-negative gastritis: A case-control study	<i>J Ignacio Martínez Montoro (Spain)</i>
18:15-18:20	PO1.010	Promoting Superior Weight Loss with Lean Mass Preservation: RES-010 Enters Clinical Trials to Revolutionize Obesity Treatment	<i>R Panella (Denmark)</i>
18:20-18:25	LBP1.07	Metabolic licensing of adipogenesis through glutamine anabolism	<i>R Higos (France)</i>
18:25-18:30	LBP1.08	Semaglutide-induced loss of muscle mass... and of muscle function?	<i>J Roux (France)</i>
18:30-18:35	LBP1.09	Metabolic Effects of Tirzepatide and Semaglutide: Energy Expenditure and Adaptations During and After Treatment	<i>S Bossi (Denmark)</i>
18:35-18:40	LBP1.10	Protective effects of essential amino acid supplementation on intestinal epithelial cells under inflammatory conditions	<i>C Ruocco (Italy)</i>
18:40-18:45	LBP1.11	Obesity and PCOS both disrupt female reproduction independently and synergistically	<i>M P. Monteiro (Portugal)</i>
18:45-18:50	LBP1.12	Parameters to predicting Metabolic Syndrome by improving the performance of the Dysfunctional Adipose Index (DAI)	<i>R Elena Navarro Hernandez (Mexico)</i>

12 MAY 2025, **MONDAY**

TRACK 1
Basic Science

TRACK 2
Behavioural Science and Public Health

TRACK 3
Childhood and Adolescent Obesity

TRACK 4
Obesity Management and Intervention

Track 3 - "T3 - Screen A"

Chairs: Cristina Cadenas (Spain), Cilius Esmann Fonvig (Denmark), Paulina Metelska (Poland)

18:00-18:05	PO3.001	Establishing Normative Reference Values for Handgrip Strength in Children and Its Relationship With Nutritional Status	<i>G Doğan (Türkiye)</i>
18:05-18:10	PO3.002	Changes in Body Mass Index in children before, during, and after COVID-19	<i>J Bruun (Denmark)</i>
18:10-18:15	PO3.003	Parenting in Sync: Coparenting Dynamics and Obesity-Related Lifestyle Behaviors in Early Childhood	<i>O De-Jongh Gonzalez (Canada)</i>
18:15-18:20	PO3.004	Explainable Artificial Intelligence for Identifying Childhood Obesity Biomarkers: Integrating Genomics and Managing Data Imbalance	<i>M Arteaga (Spain)</i>
18:20-18:25	PO3.005	Cigarette smoking in youth decreased during obesity treatment	<i>A Christenson (Sweden)</i>
18:25-18:30	PO3.006	Evaluating medical students' knowledge, skills and attitudes on managing childhood obesity: a pilot study	<i>N Gadzama (Ireland)</i>
18:30-18:35	PO3.007	Evaluation of the established PhunkyFoods programme in UK on food literacy and cooking skills in primary school-age children	<i>K Vaughan (UK)</i>
18:35-18:40	PO3.008	Rapid infant weight gain and childhood obesity risk: investigating the role of linear growth	<i>W Johnson (UK)</i>
18:40-18:45	PO3.009	The Prevalence of Prediabetes is High and Has Rapidly Increased Independent of Body Weight in Finnish Children with Overweight or Obesity	<i>H Riekkki (Finland)</i>
18:45-18:50	LBP3.01	Body Composition Changes in Adolescents with Obesity under Glucagon-Like Peptide-1 (GLP-1) Analogue Treatment	<i>A Brenner (Israel)</i>
18:50-18:55	LBP3.02	Impact of Weight Status on Sleep Heart Rate Variability and Quality of Life in Children with Obstructive Sleep Apnea	<i>H Hua Chuang (Taiwan)</i>
18:55-19:00	LBP3.04	Epigenetic signatures in saliva of offspring from mothers with Gestational Diabetes: longitudinal associations with early growth	<i>J Ignacio Martínez Montoro (Spain)</i>
19:00-19:05	LBP3.05	Co-Creation of Digital Health Interventions with Children: Initial Results of the Multi-Country Workshop in the BIO-STREAMS Project	<i>I Mlakar (Slovenia)</i>
19:05-19:10	LBP3.06	Mediterranean diet adherence, sleep adequacy and obesity prevalence among students in remote areas of Greece: A cross-sectional study	<i>M Maraki (Greece)</i>
19:10-19:15	LBP3.07	Harms Reporting in Pharmacological Randomized Controlled Trials in Children and Adolescents with Obesity: A Systematic Review	<i>S Sacco (Canada)</i>

12 MAY 2025, **MONDAY**

TRACK 1
Basic Science

TRACK 2
Behavioural Science and Public Health

TRACK 3
Childhood and Adolescent Obesity

TRACK 4
Obesity Management and Intervention

Track 3 - "T3 - Screen B"

Chairs: Cristina Cadenas (Spain), Cilius Esmann Fonvig (Denmark), Paulina Metelska (Poland)

18:00-18:05	PO3.010	Moderating the Impact of Socioeconomic Inequalities on Childhood and Adolescent Obesity: The Role of Neighborhood Greenery	<i>A Colom (Spain)</i>
18:05-18:10	PO3.011	Lifestyle intervention in adolescent girls with obesity	<i>L Plavsic (Serbia)</i>
18:10-18:15	PO3.012	Correlations between lifestyle and the circulating proteomic profile in children with obesity and after a behavioral intervention	<i>A Soria Gondek (Spain)</i>
18:15-18:20	PO3.013	Revealing Hidden Links: Using Correspondence Analysis to Decode Maternal Lifestyle and Gestational Weight Gain	<i>I Bianco (Italy)</i>
18:20-18:25	PO3.014	Implementation of 'Grunau Moves' Best Practices in Greece: Health4EUkids Joint Action	<i>E Magriplis (Greece)</i>
18:25-18:30	PO3.015	Parents' experiences of having a child with ADHD and obesity - a qualitative study	<i>A Ek (Sweden)</i>
18:30-18:35	PO3.016	Metformin intervention in children and adolescents with obesity	<i>A H Forslund (Sweden)</i>
18:35-18:40	PO3.017	Association Between Preconception Paternal Body Mass Index and Offspring Weight Development from birth to five years: Data from the APPROACH Study	<i>N RicaWium Geiker (Denmark)</i>
18:40-18:45	PO3.018	Differences in mealtime eating habits between preschoolers, school-aged children, and adolescents with Autism Spectrum Disorders (ASD)	<i>A Xeini (Greece)</i>
18:45-18:50	LBP3.08	Exploring the Impact of Body Mass Index on Health-Related Quality of Life, Fitness, and Stress in European Youth: The RYHEALTH Project	<i>S Ortega-Gómez (Spain)</i>
18:50-18:55	LBP3.09	Prevalence of eating disorders in children and adolescents with obesity: A systematic review and meta-analysis	<i>S Mehmood Birchall Shah (Norway)</i>
18:55-19:00	LBP3.10	Psycho-social Experience of Young People Treated with Liraglutide for Weight Loss	<i>C Steele (UK)</i>
19:00-19:05	LBP3.11	Pediatric Obesity Management in South Korea: A Nationwide Quantitative and Qualitative Study of Clinical Practices and Policy Awareness	<i>Y Lee (South Korea)</i>
19:05-19:10	LBP3.12	Adipocytokines and PCOS in puberty age	<i>M Boyadzhieva (Bulgaria)</i>
19:10-19:15	LBP3.13	The association of estimated 24-h urinary sodium excretion with body composition among primary school students: A cross sectional study in Dubai, United Arab Emirates	<i>O El Saleh (UK)</i>

13 MAY 2025, **TUESDAY**

TRACK 1
Basic Science

TRACK 2
Behavioural Science and Public Health

TRACK 3
Childhood and Adolescent Obesity

TRACK 4
Obesity Management and Intervention

08:30-09:15	Plenary Session Track 3 Plenary Lecture	AUDITORIUM 1
	Chairs: Emma Boyland (UK), Paulina Nowicka (Sweden)	
	The Adolescents' Brain	S Carnell (US)
09:30-11:00	TOPIC SESSIONS AND ACCEPTED SYMPOSIA	
09:30-11:00	EASO COMs Session: Explaining the EASO Framework and Algorithm for the Treatment of Obesity	AUDITORIUM 1
	Chairs: Jennifer Baker (Denmark), Volkan Yumuk (Türkiye)	
09:30-09:40	Chairs Opening Remarks	
09:40-09:55	Background: The need for new definition and algorithm.	L Busetto (Italy)
09:55-10:10	Methodology	A Ciudin (Spain)
10:10-10:25	Treatment Algorithm	B McGowan (UK)
10:25-10:40	Taking it to the clinical practice	D Dicker (Israel)
10:40-11:00	Discussion	
09:30-11:00	T1/T4 Topic Session: Weight Regain	AUDITORIUM 2
	Chairs: Gijs Goossens (Netherlands), Josep Vidal (Spain)	
09:30-09:55	TS08.01 Weight Regain after Surgery	A Miras (UK)
09:55-10:20	Weight Regain after Pharmacology	V Bellido (Spain)
10:20-10:45	Weight Cycling (and the consequences)	F Magkos (Denmark)
10:45-11:00	TS08.02 Deconstructing Weight Cycling: Unveiling Metabolic and Circadian impacts of weight loss and regain in young and mid-aged mice	H Muallem (Israel)
09:30-11:00	T3 Topic Session Barriers to Treatment	CONFERENCE ROOM 1
	Chairs: Louisa Ells (UK), Paulina Nowicka (Sweden)	
09:30-10:00	TS10.01 Preferences and Values	K Brunner (Germany)
10:00-10:30	Language and beyond, how to connect with...	S R Sveinsson (Iceland), J Wiegertjes (Netherlands)
10:30-11:00	TS10.02 Multidisciplinary approaches	M Wojcik (Poland)

13 MAY 2025, **TUESDAY**

TRACK 1
Basic Science

TRACK 2
Behavioural Science and Public Health

TRACK 3
Childhood and Adolescent Obesity

TRACK 4
Obesity Management and Intervention

09:30-11:00

T4 Topic Session Sarcopenic Obesity Complicated by Disability

CONFERENCE ROOM 2

Chairs: Marwan El Ghoch (Italy), Lubomira Fabryova (Slovakia)

09:30-09:50

Gender perspective

E Poggiogalle (Italy)

09:50-10:10

TS11.01

Age perspective

A Cruz Jentoft (Spain)

10:10-10:25

TS11.02

Association between metabolic health and three indexes of metabolic flexibility in young normal weight adults

I Solar (Brasil)

10:25-10:40

TS11.03

Association of reallocation of movement behaviours with ectopic fat: a cross-sectional analysis of the UK Biobank cohort

J Li (UK)

10:40-10:55

TS11.04

Incorporating Subcutaneous Abdominal Adipose Tissue Fibrosis Assessment into Clinical Practice: A Potential Biomarker and Predictor of Morbidity in Obesity

A Lecube (Spain)

10:55-11:00

Q&A

09:30-11:00

T2 Topic Session What Should Pharmacotherapy be Built Around?

CONFERENCE ROOM 3

Chairs: Monica Bullo (Spain), Jason Halford (UK)

09:30-10:00

Psychology and Mental Health

V Vázquez Velázquez (Mexico)

10:00-10:30

TS09.01

Nutrition

L-H Bogl (Switzerland)

10:30-11:00

TS09.02

Physical Activity

J R Ruiz (Spain)

11:00-11:30

COFFEE BREAK - EXHIBITION - POSTER AREA

11:30-13:00

ABSTRACT SESSIONS AND EASO SESSIONS

11:30-13:00

T1 Abstract Session: Novel Drugs. The Seeds for the Future Are Here

AUDITORIUM 1

Chairs: Ricardo Gomez Huelgas (Spain), Roberto Vettor (Italy)

11:30-11:45

AD11.01

HP515 supercharges lipid metabolism and energy expenditure, boosting GLP-1R agonist efficacy for weight loss and lean mass preservation

J Li (China)

11:45-12:00

AD11.02

siRNA-INHBE silencing in mice confirms human genetic data and supports the vision for next generation anti-obesity treatment

Hsiu Chiung Yang (US)

12:00-12:15

AD11.03

The impact of steering fiber fermentation towards the distal colon on insulin sensitivity and cardiometabolic health in individuals with overweight: 12-week randomized controlled trial (DISTAL-study)

C A. J. van Kalkeren (Netherlands)

12:15-12:30

AD11.04

ABarginase: a First-in-class Drug Candidate for Treatment of Multiple Obesity-related Metabolic Diseases

A Shum (Hong Kong)

12:30-12:45

AD11.05

ASC47, An Adipose-Targeted, Muscle-Preserving Weight Loss Drug Candidate For Obesity, Demonstrated Significant Weight Loss And Preserved Muscle In DIO Mice

J Jason Wu (China)

12:45-13:00

AD11.06

The novel small molecule Myo4 normalises glycemic control, reduces weight/fat mass and prevents semaglutide-induced muscle remodelling in the murine diet-induced obesity model

M Whiteman (UK)

13 MAY 2025, **TUESDAY**

TRACK 1
Basic Science

TRACK 2
Behavioural Science and Public Health

TRACK 3
Childhood and Adolescent Obesity

TRACK 4
Obesity Management and Intervention

11:30-13:00		T4 Abstract Session: From Bytes to Adipocytes: Digital Health's Role in Obesity Management	AUDITORIUM 2
		Chairs: Dilek Yazici (Türkiye), David Jiménez (Spain)	
11:30-11:45	AD12.01	Association between StuffThatWorks Remote Platform and GLP1 Drug Management Efficiency	A Karasik (Israel)
11:45-12:00	AD12.02	Treat to Target in Weight management with Semaglutide: Real-World Evidence from an eHealth Clinic (TRIM)	S Seier (Denmark)
12:00-12:15	AD12.03	Efficacy of digital programmes in adult weight management. A systematic review and meta-analysis	A Avery (UK)
12:15-12:30	AD12.04	Sustainable Weight Loss and Health Benefits in Obesity Care: 18-Month Real-World Results in a Virtual Care Setting	M H Carlsson (Sweden)
12:30-12:45	AD12.05	Novel service design of an integrated NHS and digital pathway - Using Roczen to increase capacity and access for people with obesity eligible for publicly-funded specialist weight management services	L Falvey (UK)
12:45-13:00	AD12.06	Association between engagement with the WegovyCare digital self-support app and weight loss in a real-world setting	B L Heitmann (Denmark)
11:30-12:50		EASO-NNF	CONFERENCE ROOM 1
		Chairs: Emma Boyland (UK), Georgia Colleluori (Italy), Cilius Fonvig (Denmark)	
11:30-11:50		EASO-NNF New Investigator in Basic Science.	R Pirzgalska (Portugal)
11:50-12:10		EASO-NNF New Investigator in Clinical Research.	R M Chakaroun (Sweden)
12:10-12:30		EASO-NNF New Investigator in Public Health.	M Kafyra (Greece)
12:30-12:50		Q&A	

13 MAY 2025, **TUESDAY**

TRACK 1
Basic Science

TRACK 2
Behavioural Science and Public Health

TRACK 3
Childhood and Adolescent Obesity

TRACK 4
Obesity Management and Intervention

11:30-13:00

Joint Session: From Data to Action: Results from the WHO European Childhood Obesity Surveillance Initiative (COSI) Round 6 (2022-2024)

CONFERENCE ROOM 2

Chairs: A Lopez Santacruz (Spain), Almudena Rollán (Spain)

11:30-11:39

Overview of COSI Round 6 findings and their implications for regional public health strategies

K Wickramasinghe (Denmark)

COSI Principal Investigators:

11:39-11:47

Update from Greece

M Hassapidou (Greece)

11:47-11:55

Update from Spain

C Recuero Carretero (Spain)

11:55-12:03

Update from Bulgaria

*V Duleva (Bulgaria),
E Chikova-Iscener (Bulgaria)*

12:03-12:11

Update from Cyprus

E Markidou (Cyprus)

12:11-12:19

Update from Lithuania

*A Petrauskienė (Lithuania),
V Špečkauskienė (Lithuania)*

12:19-12:27

Update from Poland

A Dzielska (Poland)

12:27-12:35

Update from Portugal

*A Rito (Portugal),
R Jorge (Portugal)*

12:35-12:43

Update from Ukraine

Y Kotykovych (Ukraine)

12:43-13:00

Discussion

11:30-13:00

EASD and EASO: The Lifecourse of Type 1 Diabetes and Obesity

CONFERENCE ROOM 3

Chairs: Tina Visboll (Denmark), Barbara McGowan (UK)

11:30-12:00

Pregnancy

S Suliman (UAE)

12:00-12:30

Type 1-diabetes, obesity and children

*J Tonsgaard
Kloppenborg (Denmark)*

12:30-13:00

Older Age

L Boyle (UK)

13:00-14:30

LUNCH BREAK AND POSTER VIEWING

EXHIBITION & POSTER AREA

13:30-15:00

Industry Supported Session 9

For further details please visit:

<https://eco2025.org/assets/docs/novo-nordisk-13may.pdf>

AUDITORIUM 1

13:30-15:00

Industry Supported Session 10

For further details please visit:

<https://eco2025.org/assets/docs/lilly-13may.pdf>

AUDITORIUM 2

13 MAY 2025, **TUESDAY**

TRACK 1
Basic Science

TRACK 2
Behavioural Science and Public Health

TRACK 3
Childhood and Adolescent Obesity

TRACK 4
Obesity Management and Intervention

13:30-15:00	Accepted Symposium: How to Measure Obesity with BIA	CONFERENCE ROOM 1
	Chairs: Felipe Casanueva (Spain), Diego Bellido (Spain)	
13:30-14:00	Phase Angle and Bioelectrical Vector Impedance Analysis (BIVA): What are they? New approach on BIA?	<i>G Annunziata (Italy)</i>
14:00-14:30	Phase Angle and Obesity? How is this parameter useful in Obesity?	<i>R Cancellò (Italy)</i>
14:30-15:00	Morphofunctional assessment: The future on Obesity diagnosis and monitoring?	<i>J M García-Almeida (Spain)</i>
13:30-15:00	SEEDO Session Nutritional Regulation of Obesity: Insights and Mechanisms.	CONFERENCE ROOM 2
	Chairs: Albert Lecube (Spain), María J Moreno (Spain)	
13:30-14:00	Repositioning of Very-Low Energy Ketogenic Therapy (VLEKT) in the era of obesity medications	<i>M Caprio (Italy)</i>
14:00-14:30	Molecular insights into energy-restricted ketogenic diets for obesity management	<i>A Belen Crujeiras (Spain)</i>
14:30-15:00	Metabolic and microbial phenotypes towards type 2 diabetes and cardiometabolic risk: a precision nutrition approach	<i>E Blaak (Netherlands)</i>
13:30-14:30	Patients: The Untapped tool in your toolbox - ECPO	CONFERENCE ROOM 3
	Chairs: Jason Halford (UK), Vicki Mooney (Spain)	
13:30-13:40	Stigma Education Training & Clinical Practice Guidelines - How National Patient & Scientific Organisations Collaborate	<i>S Birney (Ireland), J O'Connell (Ireland)</i>
13:40-13:50	Patient & Public Involvement/ Engagement & Research	<i>K Clare (UK), L Ellis (UK)</i>
13:50-14:00	National & International Hybrid Patient/Scientific Organisations	<i>N Wijling (Netherlands) I Patton (Canada)</i>
14:00-14:10	Global Collaboration between Obesity and other NCDs	<i>J Ralston (Sweden)</i>
14:10-14:20	The Voices of Youths in Obesity	<i>K Voynikov (Bulgaria)</i>
14:20-14:30	Discussion	
15:15-16:00	Plenary Session Track 4 Plenary Lecture	AUDITORIUM 1
	Chairs: Gema Frühbeck (Spain), Volkan Yumuk (Türkiye)	
	Diagnosis and Treatment of Obesity as a Chronic Disease	<i>L Busetto (Italy)</i>
16:00-16:30	COFFEE BREAK - EXHIBITION - POSTER AREA	

13 MAY 2025, **TUESDAY**

TRACK 1
Basic Science

TRACK 2
Behavioural Science and Public Health

TRACK 3
Childhood and Adolescent Obesity

TRACK 4
Obesity Management and Intervention

16:30-18:00 ABSTRACT SESSIONS AND EASO SESSIONS

16:30-18:00		T2 Abstract Session: Public Health Epidemiology		AUDITORIUM 1
		Chairs: Janas Harrington (Ireland), Mary Yannakoulia (Greece)		
16:30-16:45	AD13.01	Obesity Prevalence by Education, Occupation, and Income from 2005 to 2019: trends from the Portuguese National Health Surveys	<i>J Araújo (Portugal)</i>	
16:45-17:00	AD13.02	Genetically Predicted and Measured Obesity in Relation to Adiposity and Risk of Mortality and Non-Communicable Diseases	<i>E Ojalehto Lindfors (Sweden)</i>	
17:00-17:15	AD13.03	Obesity prevalence in night shift workers compared to day workers across Europe - a preliminary analysis of the SHIFT2HEALTH online survey	<i>S Haider (Austria)</i>	
17:15-17:30	AD13.04	Exploring socioeconomic inequalities in healthy and sustainable diets using big data: An observational analysis of loyalty card data from a UK High Street Supermarket, 2022	<i>M Green (UK)</i>	
17:30-17:45	AD13.05	Metabolic risks and obesity in Mexico: an analysis using the Global Burden of Disease Study	<i>L Morales-Juárez (México)</i>	
17:45-18:00	AD13.06	Body composition and risk of obesity-related cancers in the Danish Diet, Cancer and Health cohort	<i>A M Overgaard Nielsen (Denmark)</i>	
16:30-18:00		T3 Abstract Session: Molecular Signals Driving Obesity in Children		AUDITORIUM 2
		Chairs: Antjie Korner (Germany), Grace O'Malley (Ireland)		
16:30-16:45	AD14.01	Lipid profiling identifies modifiable signatures of cardiometabolic risk in children and adolescents with obesity	<i>C E Fonvig (Denmark)</i>	
16:45-17:00	AD14.02	Early childhood growth trajectories in children with monogenic obesity. A European collaboration project	<i>S Zorn (Germany)</i>	
17:00-17:15	AD14.03	A novel syndromic obesity disorder mimicking Prader-Willi Syndrome caused by biallelic variations in <i>SREK1</i>	<i>S Saeed (France)</i>	
17:15-17:30	AD14.04	Accelerated Epigenetic Aging as a Biomarker of Pediatric Obesity: Insights from Pubertal Development	<i>M Bustos-Aibar (Spain)</i>	
17:30-17:45	AD14.05	Epistasis of GLP-1 signaling related genetic variants suggests involvement in the regulation of appetitive traits among pre-adolescents	<i>T Renier (US)</i>	
17:45-18:00	AD14.06	Identification of Novel Epigenetic Biomarkers Associated with Childhood Obesity and Early Development of Cardiometabolic Risk Factors	<i>A Torres-Martos (Spain)</i>	

13 MAY 2025, **TUESDAY**

TRACK 1
Basic Science

TRACK 2
Behavioural Science and Public Health

TRACK 3
Childhood and Adolescent Obesity

TRACK 4
Obesity Management and Intervention

13 MAY 2025, TUESDAY			CONFERENCE ROOM 1
16:30-18:00		T1 Topic Session Adipose Tissue & Aging	
		Chairs: Lorenzo Donini (Italy), Kirsi Pietilainen (Finland)	
16:30-17:00	TS12.01	Impaired brown fat activity in obesity and aging	<i>F Villarroya (Spain)</i>
17:00-17:30		Aging adipose tissue: metabolic impairments, immunity and longevity	<i>S Corvera (US)</i>
17:30-17:45	TS12.02	Adipose Tissue Fatty Acid Composition, Diet and Disease	<i>M Thanaj (UK)</i>
17:45-18:00	TS12.03	Neonatal overfeeding induces long-term obesity, metabolic disturbances and white adipose tissue dysregulation in a sex-dependent manner	<i>I Palacios-Marin (Spain)</i>
16:30-18:00		T4 Abstract Session: Incretin Alchemy: Transforming Obesity Management with Hormonal Science	CONFERENCE ROOM 2
		Chairs: Feray Akbas (Türkiye), Sharona Azriel (Spain)	
16:30-16:45	AD15.01	Tirzepatide vs semaglutide for the management of obesity and overweight: a subgroup indirect treatment comparison of body composition outcomes from SURMOUNT-1 and STEP 1	<i>A Ciudin (Spain)</i>
16:45-17:00	AD15.02	Association of glucagon-like peptide-1 receptor agonists treatment post-metabolic bariatric surgery with primary prevention of MACE	<i>O Reges (Israel)</i>
17:00-17:15	AD15.03	Impact of GLP-1 Receptor Agonists on Cardiovascular and Renal Outcomes Across Body Mass Index Categories in Type 2 Diabetes	<i>T Hsing Chen (Taiwan)</i>
17:15-17:30	AD15.04	Early Clinical Benefit of Semaglutide in Adults with Overweight or Obesity and Cardiovascular Disease: A Secondary Analysis of the SELECT Trial	<i>J Plutzky (US)</i>
17:30-17:45	AD15.05	Nutritional and lifestyle recommendations for the management of obesity with GLP-1 based therapies: An expert consensus statement using a modified Delphi approach	<i>L Van Gaal (Belgium)</i>
17:45-18:00	AD15.06	Weight loss trajectories on tirzepatide treatment in people with prediabetes and overweight or obesity in SURMOUNT-1 3-year Study	<i>L Busetto (Italy)</i>
16:30-18:00		EASO and ERA: Tackling the emerging storm of obesity and CKD - a call to action	CONFERENCE ROOM 3
		Chairs: Charles Ferro (UK), Volkan Yumuk (Türkiye)	
16:30-17:00		Epidemiology of CKD and obesity - a gathering storm	<i>D Patel (UK)</i>
17:00-17:30		Treatments for the cardiovascular-kidney-metabolic syndrome - where are we now	<i>B Fernandez (Spain)</i>
17:30-18:00		The future - challenges and strategies	<i>C Ferro (UK)</i>

13 MAY 2025, **TUESDAY**

TRACK 1
Basic
Science

TRACK 2
Behavioural Science
and Public Health

TRACK 3
Childhood and
Adolescent Obesity

TRACK 4
Obesity Management
and Intervention

18:00-19:10

Track 2 and Track 4 Poster Discussion and Networking

POSTER AREA

Track 2 - "T2 - Screen A"

Chairs: Jeroen Lakerveld (Netherlands), Veronica Vázquez Velázquez (Mexico)

18:00-18:05	LBP2.03	What Treatment Options Do Patients with Obesity Complications Prefer?	<i>C le Roux (Ireland)</i>
18:05-18:10	PO2.001	Clinical and humanistic burden of obstructive sleep apnoea in people living with obesity: a multinational survey	<i>K G Pollock (UK)</i>
18:10-18:15	PO2.002	Competing Priorities: Stakeholders' Perspectives Towards Obesity prevention in Lebanon	<i>M Al Kattan (UK)</i>
18:15-18:20	PO2.003	Demystifying theory-led complex intervention development; targeting sedentary behaviour in obesity	<i>F Curran (Ireland)</i>
18:20-18:25	PO2.004	Behavioral Compensatory Responses to Different Modes of Exercise in individuals with Overweight and Obesity	<i>N Guldberg Skougaard (Denmark)</i>
18:25-18:30	PO2.005	Leveraging HIIT and Digital Motivation for Exercise Adherence	<i>J-W Kim (South Korea)</i>
18:30-18:35	PO2.006	Personalized lifestyle reports and shiny apps to visualize ecological monetary assessment data in participants with overweight or obesity	<i>G Mironiuc (Netherlands)</i>
18:35-18:40	LBP2.01	Body Image Shame Scale: An exploratory structural equation modelling analysis in a sample of women with overweight and obesity	<i>C Duarte (UK)</i>
18:40-18:45	LBP2.02	Assessment of chronotype-related eating behavior in a group of normal weight or with overweight people	<i>C Di Rosa (Italy)</i>
18:45-18:50	LBP2.04	The impact of food advertising on children's immediate and later food intake: do media type, advertisement content, and participant characteristics moderate these effects? A randomised control trial	<i>E Boyland (UK)</i>

13 MAY 2025, **TUESDAY**

TRACK 1
Basic
Science

TRACK 2
Behavioural Science
and Public Health

TRACK 3
Childhood and
Adolescent Obesity

TRACK 4
Obesity Management
and Intervention

Track 2 - "T2 - Screen B"

Chairs: Jeroen Lakerveld (Netherlands), Veronica Vázquez Velázquez (Mexico)

18:00-18:05	PO2.007	A population-level microsimulation model developed to evaluate the health, healthcare cost and productivity impacts of food taxes in the United Kingdom	<i>K Pidd (UK)</i>
18:05-18:10	PO2.008	Adherence to the new Nordic Nutrition Recommendations for animal-based foods by weight status in Finnish adults	<i>T Suikki (Finland)</i>
18:10-18:15	PO2.010	Intersectional inequality in general and central obesity: a cross-sectional UK Biobank study using multilevel analysis of individual heterogeneity and discriminatory accuracy	<i>J Hutchinson (UK)</i>
18:15-18:20	PO2.011	Prevalence, trends and characteristics of obesity in Hungary's Comprehensive Health Screening and Prevention Program between 2010-2023	<i>E Halmy (Hungary)</i>
18:20-18:25	PO2.012	Muscle Strength, Weight Status, and Their Combined Impact on Health and Healthcare Use in European Older Adults	<i>C Agostinis Sobrinho (Lithuania)</i>
18:25-18:30	LBP2.06	A Geospatial Analysis of Clustering of Takeaway Outlets around London Schools and Associations with Childhood Obesity	<i>C Gericke (UK)</i>
18:30-18:35	LBP2.08	The Influence of Physical Activity on Childhood Obesity Prevention and Associated Health Outcomes	<i>C Castro Collado (Spain)</i>

13 MAY 2025, **TUESDAY**

TRACK 1
Basic
Science

TRACK 2
Behavioural Science
and Public Health

TRACK 3
Childhood and
Adolescent Obesity

TRACK 4
Obesity Management
and Intervention

Track 4 - "T4 - Screen A"

Chairs: Gabriel Cuatrecas (Spain), Alper Sönmez (Türkiye)

18:00-18:05	PO4.001	Comprehensive Correlation and Predictive Analysis of TMAO and Resistin as Biomarkers of Cardiometabolic Risk Factors: Development of Significant Independent Predictors and Evaluation of Cardiometabolic Risk	<i>S Dana (Romania)</i>
18:05-18:10	PO4.002	Bariatric Arterial Embolization vs Bariatric Surgery: Comparison of metabolic effects in obese patients with Type2 Diabetes	<i>R Otávio de Oliveira (Portugal)</i>
18:10-18:15	PO4.003	Impact of multifactorial lifestyle interventions on psychosocial well-being in children living with obesity	<i>C Raaby Benjaminsen (Denmark)</i>
18:15-18:20	PO4.004	Real-world evaluation of weekly Semaglutide 2.4mg (Wegovy™) in adults with complex obesity: insights from phase 1 implementation in a UK National Health Service (NHS) inner city obesity service	<i>U Ashraf (UK)</i>
18:20-18:25	PO4.005	GLP-1 receptor agonists and risk of bone fractures in elderly people with type 2 diabetes	<i>M Kasher Meron (Israel)</i>
18:25-18:30	PO4.006	Service evaluation of real-world data of a medication-assisted digital clinical programme, Roczen Plus, on outcomes in self-paying patients living with obesity in the UK	<i>L Falvey (UK)</i>
18:30-18:35	PO4.007	Pharmacogenomic analysis of the GLP-1 receptor in a phase 2 trial of survodutide, a glucagon/GLP-1 receptor dual agonist, in adults with obesity	<i>R Hesse (Germany)</i>
18:35-18:40	LBP4.001	Perirenal fat tissue and risk of chronic kidney disease (CKD) in patients with severe obesity	<i>N Smiliansky (Uruguay)</i>
18:40-18:45	LBP4.002	Behavioral Improvement after Weighted Blanket Usage in Patients with Prader-Willi Syndrome	<i>R Pareja (Spain)</i>
18:45-18:50	LBP4.003	One-year follow-up of skeletal muscle function after a 12-week time-restricted eating and resistance training intervention in postmenopausal women with obesity: EMPOWER trial preliminary findings	<i>V Manuel Alfaro Magallanes (Spain)</i>
18:50-18:55	LBP4.004	Obesity Accelerates Age-related Metabolic Decline: Implications for Inflammation, Mitochondrial Dysfunction and Sarcopenia	<i>M Pina Mollica (Italy)</i>
18:55-19:00	LBP4.006	Characterization of O839 - a tool compound for pre-clinical mode-of-action studies of amylin analogues such as cagrilintide	<i>S Gabery (Denmark)</i>
19:00-19:05	LBP4.007	Evaluation of the quality of life after bariatric surgery in people with obesity	<i>D Açan (UK)</i>
19:05-19:10	LBP4.008	Factors Associated with Treatment Discontinuation of Semaglutide in Obesity Management: Insights from a Real-World Study with Pre-Treatment Digital Platform Completion	<i>J-B Bonnet (France)</i>

13 MAY 2025, **TUESDAY**

TRACK 1
Basic Science

TRACK 2
Behavioural Science and Public Health

TRACK 3
Childhood and Adolescent Obesity

TRACK 4
Obesity Management and Intervention

Track 4 - "T4 - Screen B"

Chairs: Hermann Toplak (Austria)

18:00-18:05	PO4.008	Thrombelastography in women with overweight and obesity planning pregnancy: impact of BMI on thrombotic risk	<i>E Bahne (Denmark)</i>
18:05-18:10	PO4.009	Weight regain following the cessation of GLP-1 RAs for weight management: a systematic review and meta-analysis	<i>S West (UK)</i>
18:10-18:15	PO4.010	Canagliflozin or acarbose versus placebo to ameliorate post-bariatric hypoglycaemia - the glycaemic variability findings of the HypoBar I randomized clinical trial	<i>C Dirksen (Denmark)</i>
18:15-18:20	PO4.011	Changes in waist circumference and waist-to-height ratio in participants with prediabetes from SM-1 3-year study	<i>G K Dimitriadis (US)</i>
18:20-18:25	PO4.012	Associations between tirzepatide treatment and bodily pain in people with obesity: a post-hoc analysis of the SURMOUNT trials	<i>A Ciudin (Spain)</i>
18:25-18:30	PO4.013	Weight Status-associated Brain Connectome Biomarkers of Quantitative Brain Magnetic Resonance Imaging in Patients with Obesity	<i>H Hua Chuang (Taiwan)</i>
18:30-18:35	PO4.014	Ketogenic diet is less effective in ameliorating depression and anxiety in Obesity than mediterranean diet: exploring the GUT-Brain axis	<i>V Mela (Spain)</i>
18:35-18:40	LBP4.009	Sustained Weight Reduction Following a 12-Week Time-Restricted Eating Intervention in Adults with Overweight or Obesity: a 12-Month Follow-up of a Randomised Controlled Trial	<i>A Camacho-Cardenosa (Spain)</i>
18:40-18:45	LBP4.010	Glucagon-Like Peptide-1 Receptor Agonists in Post-Bariatric Hypoglycemia: A Retrospective Chart Review	<i>M Riordan (US)</i>
18:45-18:50	LBP4.011	Enhancing obesity treatment and care with Digital Therapeutics - a 12-week randomized control trial	<i>M Arlén Larsen (Norway)</i>
18:50-18:55	LBP4.012	Novel FGF1 analogue M43 reduces body weight and increases metabolic activity of brown adipose tissue in Zucker Diabetic Fatty (ZDF) rats	<i>M Wołosiewicz (Poland)</i>
18:55-19:00	LBP4.013	The real-world relationship between fixed-dose, extended-release naltrexone and bupropion treatment and weight loss in Canada: A retrospective chart review	<i>S Nicholas Wharton (Canada)</i>
19:00-19:05	LBP4.014	Applicability of Obesity Clinical Practice Guidelines in Low- and Middle-Income Countries	<i>Y Colardelle (Switzerland)</i>
19:05-19:10	LBP4.015	Increasing maternal BMI before pregnancy significantly influences growth trajectories of children to 8-10 years of age	<i>J Dodd (Australia)</i>

13 MAY 2025, **TUESDAY**

TRACK 1
Basic Science

TRACK 2
Behavioural Science and Public Health

TRACK 3
Childhood and Adolescent Obesity

TRACK 4
Obesity Management and Intervention

Track 4 - "T4 - Screen C"

Chairs: Josep Vidal (Spain)

18:00-18:05	PO4.015	Postprandial plasma bile acid response is elevated after bariatric surgery in persons with type 2 diabetes and obesity compared with obesity alone	<i>S Kontro Rosales (Finland)</i>
18:05-18:10	PO4.016	ASC47, a Muscle-Preserving Weight Loss Drug Candidate in Healthy Participants: A First-in-human Single Ascending Dose Study	<i>J Jason Wu (Hong Kong)</i>
18:10-18:15	PO4.017	The prevalence of Overweight and Obesity among Athletes: Why WHO BMI Classification Does not fit?	<i>M El Ghoch (Italy)</i>
18:15-18:20	PO4.019	Prevalence of sarcopenic obesity in candidates for bariatric surgery: A Multicentre Register from the Area of Obesity of the Spanish Endocrinology Society	<i>N Vilarrasa (Spain)</i>
18:20-18:25	PO4.020	Weight loss-related changes in MRI-derived measures of body composition and liver health: a large-scale analysis from the UK Biobank	<i>M Nowak (UK)</i>
18:25-18:30	PO4.021	Nasal exposure to a volatile odorant compound enhances resting energy expenditure and body temperature in individuals living with obesity	<i>L Matiasheva (Switzerland)</i>
18:30-18:35	LBP4.016	The effect of amycretin, a unimolecular glucagon-like peptide-1 and amylin receptor agonist, on body weight and metabolic dysfunction in mice and rats	<i>R Ehrenreich Kuhre (Denmark)</i>
18:35-18:40	LBP4.017	Biological Age Biomarkers as Predictors of Long-Term Outcomes Following Metabolic Bariatric Surgery	<i>A Dudek (Poland)</i>
18:40-18:45	LBP4.018	Real-world data on the effectiveness of liraglutide (Saxenda) and naltrexone/bupropion (Mysimba) on weight loss outcomes up to 2 years in clinical practice	<i>L Heusschen (Netherlands)</i>
18:45-18:50	LBP4.020	Accuracy of AI-Based Calorie Estimation: A Comparison of GPT-4o and Gemini Advanced in Different Eating Contexts	<i>N Tecce (Italy)</i>
18:50-18:55	LBP4.021	Effects of a mindfulness and self-compassion protocol combined with lifestyle-based nutritional guidance on eating behavior in patients with obesity and anxiety	<i>B Boaventura (Brazil)</i>
18:55-19:00	LBP4.022	Metabolic dysfunction-associated steatotic liver disease in type 1 diabetes: insights from a comparative study	<i>V Bellido (Spain)</i>
19:00-19:05	LBP4.023	The association between obesity and the type of spirometry pattern in Korean adult: Nationwide cross-sectional survey	<i>J Kim (South Korea)</i>
19:05-19:10	LBP4.024	Is decreased muscle protein breakdown contributing to lean mass preservation during lifestyle intervention with protein supplementation in older adults with obesity and type 2 diabetes?	<i>R G Memelink (Netherlands)</i>

14 MAY 2025, **WEDNESDAY**

TRACK 1
Basic Science

TRACK 2
Behavioural Science and Public Health

TRACK 3
Childhood and Adolescent Obesity

TRACK 4
Obesity Management and Intervention

08:30-09:15	Special Plenary Session		AUDITORIUM 1
	Chairs: Andreea Ciudin (Spain), Julio Álvarez Pitti (Spain)		
	Early-onset Obesity and Puberty: From mechanisms to Consequences		<i>M Tena-Sempere (Spain)</i>
09:30-11:00	TOPIC SESSIONS, ABSTRACT SESSIONS AND ACCEPTED SYMPOSIA		
09:30-11:00	T1 Topic Session Liver		AUDITORIUM 1
	Chair: Karine Clément (France), Stephan Herzig (Germany)		
09:30-10:00	Intermittent fasting in liver disease		<i>M Heikenwälder (Germany)</i>
10:00-10:30	TS13.01	Intracellular cross-talk in MASLD	<i>S Herzig (Germany)</i>
10:30-10:45	TS13.02	Angiotensin II type 2 receptor agonists activate brown adipocyte thermogenesis	<i>M A Díaz-Mor (Spain)</i>
10:45-11:00	TS13.03	FNDC4 decreases mitochondrial damage and PANoptosis through AMPK activation in metabolic dysfunction-associated steatotic liver disease	<i>G Neira (Spain)</i>
09:30-11:00	T2 Topic Session Policy and Public Health: Commercial Determinants		AUDITORIUM 2
	Chairs: Emma Boyland (UK), Nathalie Farpour-Lambert (Switzerland)		
09:30-10:00	TS14.01	Labelling	<i>B Kelly (Australia)</i>
10:00-10:30	TS14.02	Tax and Levies	<i>M White (UK)</i>
10:30-11:00	TS14.03	Marketing Regulation	<i>M A Royo (Spain)</i>
09:30-11:00	T3 Topic Session The Transition to Adult Health Care		CONFERENCE ROOM 1
	Chairs: Melania Manco (Italy), Erica van den Akker (Netherlands)		
09:30-10:00	Optimising Healthcare Transition. A statement of the Italian Society of Obesity.		<i>G Umamo (Italy)</i>
10:00-10:30	Transitioning the bariatric patient		<i>T Olbers (Sweden)</i>
10:30-11:00	The patients' voice		<i>M Maloney (Spain), S R Sveinsson (Iceland), J Wiegertjes (Netherlands)</i>

14 MAY 2025, WEDNESDAY

TRACK 1
Basic
Science

TRACK 2
Behavioural Science
and Public Health

TRACK 3
Childhood and
Adolescent Obesity

TRACK 4
Obesity Management
and Intervention

09:30-11:00 Accepted Symposium: The MASH - Obesity intersection

CONFERENCE ROOM 2

Chair: Philip Newsome (UK)

09:30-09:35 Welcome and introduction

09:35-09:55 Where Obesity and MASLD/MASH Collide *G Frühbeck (Spain)*

09:55-10:15 The evolution of MASH management *A Krag (Denmark)*

10:15-10:40 Impact of weight loss on MASH resolution and fibrosis improvement - What have we learned from ESSENCE *P Newsome (UK)*

10:40-10:55 Panel discussion and Q&A
G Frühbeck (Spain)
A Krag (Denmark)
P Newsome (UK)

10:55-11:00 Closing remarks and wrap up *P Newsome (UK)*

09:30-11:00 EASO and IFSO EC: The Multimodal Treatment of Obesity

CONFERENCE ROOM 3

Chairs: Luca Busetto (Italy), Volkan Yumuk (Türkiye)

09:30-09:50 Mechanisms and management of recurrent weight regain after MBS *R Peterli (Switzerland)*

09:50-10:10 Protecting muscle mass and function during medical and surgical weight loss *G Frühbeck (Spain)*

10:10-10:30 Medical Management of MASLD *R Vettor (Italy)*

10:30-10:50 MBS in MASLD *F Pattou (France)*

10:50-11:00 Discussion

11:00-11:30 COFFEE BREAK - EXHIBITION - POSTER AREA

11:30-13:00 TOPIC SESSIONS, ABSTRACT SESSIONS AND ACCEPTED SYMPOSIA

11:30-12:45 T2 Topic Session Syndemic of Obesity and Mental Health

AUDITORIUM 1

Chairs: Amy Ahern (UK), Ken Clare (UK)

11:30-11:45 TS16.01 Psychological characteristics influencing weight loss in severe obesity *R Dalle Grave (Italy)*

11:45-12:15 Nutrition, Obesity and Mental Health *M Yannakoulia (Greece)*

12:15-12:30 TS16.02 Exploring mental health disorder risks in obesity treatment: insights from the Bariapsy database *C Lakritz (Canada)*

12:30-12:45 Q&A

14 MAY 2025, WEDNESDAY

TRACK 1
Basic Science

TRACK 2
Behavioural Science and Public Health

TRACK 3
Childhood and Adolescent Obesity

TRACK 4
Obesity Management and Intervention

11:30-13:00	T4 Topic Session New Perspectives for Managing CVD in Obesity		AUDITORIUM 2
	Chairs: Marta Comas (Spain), Lubomira Fabryova (Slovakia)		
11:30-12:00	TS16.01	Medical Nutrition Therapy	<i>I Labayen (Spain)</i>
12:00-12:30	TS16.02	Physical Activity	<i>A Ermolao (Italy)</i>
12:30-13:00		Bariatric Surgery	<i>D Dicker (Israel)</i>
11:30-13:00	T1 Abstract Session: Deconvoluting Obesity: from Genes to Function		CONFERENCE ROOM 1
	Chair: Maria M Malagon (Spain), Jean O'Connell (Ireland)		
11:30-11:45	AD16.01	The Effects of Phosphodiesterase 4 Inhibitors on Weight Loss and Energy Homeostasis in Mice with Obesity Induced by a High-fat-diet	<i>M A A M De Andrade (Brazil)</i>
11:45-12:00	AD16.02	Olfir2 Deficiency Inhibits Metainflammation in Obesity	<i>Y Park (Germany)</i>
12:00-12:15	AD16.03	Hepatic p38δ as a regulator of liver rhythms against obesity- and social jetlag-induced steatosis	<i>B Cicuéndez (Spain)</i>
12:15-12:30	AD16.04	Hepatic OLF1R34 inhibition disrupts liver function	<i>E Prida Garcia (Spain)</i>
12:30-12:45	AD16.05	Multiethnic prevalence of rare deleterious mutations in eight monogenic obesity genes and their association with body mass index	<i>S El Kouche (France)</i>
12:45-13:00	AD16.06	Downregulation of Acyl-CoA-binding protein (ACBP) in brown adipose tissue protects mice against diet-induced obesity	<i>A Blasco Roset (Spain)</i>
11:30-13:00	T3 Abstract Session: Opportunities for Prevention in Childhood Obesity		CONFERENCE ROOM 2
	Chairs: Julie Aarestrup (Denmark), Lise Bjerregaard (Denmark)		
11:30-11:45	AD17.01	Adolescent social networks and energy-balance-related behaviors: a sociocentric study	<i>M Luiggi (France)</i>
11:45-12:00	AD17.02	Impacts of EAT-Lancet Dietary Patterns in Environmental Indicators and Prevented Cases of Obesity in Children and Adolescents	<i>B Teixeira (Portugal)</i>
12:00-12:15	AD17.03	Neighborhood Green Spaces and Pediatric Obesity: Exploring the Impact During the COVID-19 Pandemic	<i>A Colom (Spain)</i>
12:15-12:30	AD17.04	Urban-rural differences and associations between early childhood movement behaviours and adiposity indicators	<i>K Uusitalo (Finland)</i>
12:30-12:45	AD17.05	Childhood obesity trajectories, obesity episodes, and adolescent mental health: A UK cohort study	<i>I G N E Putra (UK)</i>
12:45-13:00	AD17.06	Movement Behaviors and Psychosocial Well-Being in Children and Adolescents: The IDEFICS/IFamily studies	<i>G Masip (Spain)</i>

14 MAY 2025, WEDNESDAY

TRACK 1
Basic
Science

TRACK 2
Behavioural Science
and Public Health

TRACK 3
Childhood and
Adolescent Obesity

TRACK 4
Obesity Management
and Intervention

11:30-13:00

Accepted Symposium: Precision medicine for obesity: Integrating nutrition, pharmacotherapy, and big data for personalized care

CONFERENCE ROOM 3

Chairs: Alix Nessa Feldman (Denamrk)

11:30-11:35

Introduction

11:35-11:55

Precision nutrition in obesity care: A role for the gastrointestinal tract?

*N Steenackers
(Netherlands)*

11:55-12:15

Precision pharmacotherapy for tailored obesity treatments using phenotype-driven strategies

A J. Acosta (US)

12:15-12:35

Transforming obesity care with big data: Insights from the SOPHIA project

C Le Roux (Ireland)

12:35-12:55

Precision medicine in people living with type 1 diabetes and/or obesity and its therapeutic consequences

*B Van der Schueren
(Belgium)*

12:55-13:00

Q&A

13:00-13:45

Closing Plenary Session: EASO-NNF Obesity Prize for Excellence Update Session

AUDITORIUM 2

Chairs: Jennifer Baker (Denmark), Maria del Mar Malagon (Spain)

The genetic contribution to obesity - a life course perspective

R Loos (Denmark)

13:45-14:15

Closing Ceremony

AUDITORIUM 2

SPONSORS

ACKNOWLEDGEMENT

EASO THANKS ALL THEIR SPONSORS

MAJOR SPONSORS

AMGEN



**Boehringer
Ingelheim**

Lilly


novo nordisk®

PRINCIPAL SPONSORS

AstraZeneca

CurraX
pharmaceuticals LLC

Rhythm
PHARMACEUTICALS

VIVUS

EXHIBITORS

Allurion

CLARIO.



COSMED
The Metabolic Company

echosens



MICROCAYA



**PHOENIX
EUROPE GmbH**
www.phoenixpeptide.com

PronoKal®

**CELEBRATING
QPS**
CUSTOM-BUILT RESEARCH
30 YEARS OF EXCELLENCE

resetWeight
offidea
powered by rozen

TecnoSport
MEDICAL



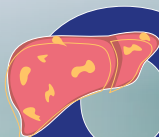
**The
Nutrition
Society**

WITHINGS
HEALTH SOLUTIONS

Yazen

ADVERTISEMENTS

SUNDAY MAY 11



Redefining Care in **OBESITY** & Liver Disease: Multidisciplinary Team Approaches and Patient Perspectives

Conference Room 2

16:15 – 17:45 CEST

A G E N D A

MODERATOR:

Michael Betel
President,
Fatty Liver Alliance,
Canada



PANELISTS:

Ana María Cebrián-Cuenca
Professor of Family Medicine,
Murcian Health Service,
Cartagena, Spain



Vicki Mooney
Executive director,
European coalition of people
living with obesity,
ECPO, Ireland



Dimitris Papamargaritis
Associate professor,
Diabetes and endocrinology,
University of Leicester,
United Kingdom



Vlad Ratziu
Professor of hepatology,
Sorbonne University and the Hôpital
Pitié-Salpêtrière Medical School,
Paris, France



Welcome & Introduction

Understanding the Metabolic Link – Obesity and Liver Disease

Guidelines to Bedside: Translating Evidence into Person-Centered Care

Improving Patient Care: Non-Invasive Assessment of Liver Disease and Novel Therapies

Patient Voice – A Journey Through the Healthcare System

Co-Creating the Future of Liver and Obesity Care: Clinicians and Patients Together - Panel Discussion

Take-Home Messages

EBAC Evaluation



EDUCATIONAL OBJECTIVES:

- Understand the physiological mechanisms linking obesity, CRM diseases, and liver disease, with a focus on fibrosis.
- Apply updated guidelines for obesity and MASLD/MASH management, including referral strategies.
- Integrate non-invasive diagnostic tools and emerging therapies into clinical practice.
- Enhance multidisciplinary collaboration to optimize patient care pathways.
- Incorporate patient perspectives to improve patient engagement and outcomes.

This activity is supported by an independent medical educational grant from Boehringer Ingelheim



PLEASE JOIN US
TO DISCUSS

Personalizing Obesity Management: Real-World Application of Evolving Science



Date:

Sunday, 11 May 2025
16:15 – 17:45 CET



Location:

Palacio De Ferias Y Congresos De Málaga
Auditorium 1

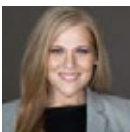
A Discussion Featuring



Angela Fitch, MD, FACP, MOMA
Co-Founder and Chief Medical Officer,
knownwell
Immediate Past-President,
Obesity Medicine Association
Boston, USA



Luc Van Gaal, MD, PhD
Professor of Medicine
Head, Department of Diabetology,
Metabolism and Clinical Nutrition
Antwerp University
Antwerp, Belgium



Amber Huett-Garcia
World Obesity Federation,
Board of Trustees
Lived-Experience Representative

Agenda:

- **Welcome & Introduction**
Amber Huett-Garcia
- **Applying the Latest Advances to Patients with Obesity and Common Comorbidities**
Luc Van Gaal, MD, PhD
- **Applying the Latest Advances to Postmenopausal Women with Obesity**
Angela Fitch, MD, MOMA
- **Case-based Panel Discussion/ Questions and Answers**
All

JOIN THE LILLY MEDICAL SYMPOSIUM

at ECO 2025 Congress



May 11th 2025

16:15-17:45

Auditorium 2



Unmet needs in obesity management: It's not about weight loss but health gain!



Chair

Rachel Batterham
Eli Lilly and Company,
Basingstoke, UK



Speaker

Carel Le Roux
University College Dublin,
Dublin, Ireland



Speaker

Barbara McGowan
Guy's and St Thomas' Hospital,
London, UK



Speaker

Dror Dicker
Tel Aviv University,
Tel Aviv, Israel

AGENDA

Welcome and opening remarks

Rachel Batterham (UK)

Obesity impact on people's quality of life

Carel Le Roux (Ireland)

Don't overlook obesity!

Barbara McGowan (UK)

Can addressing obesity improve obstructive sleep apnea?

Dror Dicker (Israel)

How can obesity contribute to cardiovascular risk?

Carel Le Roux (Ireland)

Panel discussion – Unmet needs in managing weight-related complications

All faculty

Final remarks & closing

Rachel Batterham (UK)

*Este simposio está dirigido a profesionales del cuidado de la salud.
This symposium is for healthcare professionals.*

PP-OB-ES-0377 | March 2025.

Lilly
A MEDICINE COMPANY

Understanding rare melanocortin-4 receptor (MC4R) pathway diseases: From insights to precision medicine

The need for strong collaboration between paediatric and adult endocrinologists

Rhythm sponsored
satellite symposium
at European Congress
on Obesity (ECO) 2025

DATE:
11 May 2025

TIME:
16:15–17:45 CEST

LOCATION:
Conference room 1

SPEAKERS:



Professor Luca Busetto
(University of Padova, Italy)



Professor Erica van den Akker
(Erasmus University Medical
Centre, the Netherlands)



Professor Karine Clément
(Pitié Salpêtrière hospital, France)

TOPIC	SPEAKERS
Welcome and introduction	Prof. Luca Busetto
Meet Alex: Impact of living with a rare MC4R pathway disease and the journey to diagnosis	Prof. Luca Busetto
Alex's need for treatment: Role of precision medicine and the most recent data	Prof. Erica van den Akker
The impact of early intervention: Clinical experience with patients suffering from rare MC4R pathway diseases	Prof. Karine Clément
Q&A	Prof. Luca Busetto

Product information: IMCIVREE[®] (setmelanotide) 10 mg/ml solution for subcutaneous injection. Indicated for the treatment of obesity and hunger control associated with genetically confirmed Bardet-Biedl syndrome (BBS), deficiency due to genetically confirmed biallelic loss-of-function mutations of proopiomelanocortin (POMC), including PCSK1, or the leptin receptor (LEPR), in adults and children over 2 years of age. Marketing authorisation holder: Rhythm Pharmaceuticals Netherlands B.V. Tel.: +31 20 8546071. Authorisation number: EU/1/21/1564/0001. Funded by the National Health System and subject to medical prescription. Hospital use only. €2,750/vial. Text reviewed in November 2024. Adverse events should be reported to Rhythm Pharmaceuticals and Human Medicines Pharmacovigilance at www.notificaramed.es.

▽ This medicine is subject to additional monitoring. For more information, visit https://cima.aemps.es/cima/dochtml/ft/1211564001/FT_1211564001.html

This promotional symposium is organised and funded by Rhythm Pharmaceuticals Netherlands B.V. and is intended for healthcare professionals only.

© 2025, Rhythm Pharmaceuticals, Inc. All rights reserved. Rhythm and its logo are trademarks of Rhythm Pharmaceuticals, Inc.

ES-SET-2500009 03/2025

Rhythm[®]
PHARMACEUTICALS

Join the conversation on exciting new developments in obesity and MASH

ADVANCING MULTIDISCIPLINARY OBESITY MANAGEMENT

Monday 12 May 2025, 13:30–15:00 (CET)

Auditorium 2

FYCMA

Palacio de Ferias y Congresos de Malaga
Malaga, Spain

Agenda

13:30 Plotting our course

Professor Javier Salvador Rodríguez, Chair

13:35 The journey so far

Professor Javier Salvador Rodríguez, Chair

13:40 Connecting the pathways: Understanding cardiometabolic risks in obesity

Professor Biykem Bozkurt

14:00 Crossroads of care: The intersection of obesity and liver disease

Professor Philip Newsome

14:20 The road ahead: Innovative treatment targets and future directions

Professor Tina Vilsbøll

14:40 On the path to progress: Multidisciplinary approaches to managing obesity-related comorbidities in clinical practice

All faculty

14:55 Call to action: A vision for the future

Professor Javier Salvador Rodríguez, Chair

Scan or click to add
to calendar



Scan or click to find
out more



JOIN OUR SYMPOSIUM

ELEVATING THE TREATMENT OF OBESITY AND ITS COMPLICATIONS: ▼ **MOUNJARO'S** SUPERIOR IMPACT ON WEIGHT REDUCTION AND OBSTRUCTIVE SLEEP APNEA

Monday, 12 May 2025
13:30-15:00 CEST

Auditorium 1,
FYCMA Palacio De Ferias y Congresos De Málaga

Program

Welcome and Introduction



Leonard Glass, MD
United States

Navigating Obesity:
Comprehensive Management
of a Chronic Disease



Andreea Ciudín, MD, PhD
Spain

Mounjaro: The First and Only
Approved Dual GIP and GLP-1
Receptor Agonist



Timo Müller, PhD
Germany

Mounjaro for Weight Reduction
and Maintenance



**Carel le Roux, MBChB, MSC,
FRCP, FRCPath, PhD**
Ireland

Mounjaro's Benefits
Beyond Weight Reduction
With OSA Management



**Chris Turnbull, BMBCh, DPhil,
BA, MRCP**
United Kingdom

Panel Discussion and Q&A

All

Closing Remarks



Leonard Glass, MD
United States

Este simposio está dirigido a profesionales sanitarios con capacidad de prescripción o dispensación.
This symposium is for health professionals with prescribing or dispensing faculties.

GIP=glucagon-dependent insulinotropic polypeptide; GLP-1=glucagon-like peptide-1; OSA=obstructive sleep apnea.

Este medicamento está sujeto a seguimiento adicional, es prioritaria la notificación de sospechas de reacciones adversas asociadas a este medicamento.
This medicinal product is subject to additional monitoring. Reporting suspected adverse reactions associated with this medicinal product is a priority.

Ficha técnica
Mounjaro



SPC
Mounjaro



Presentaciones, Precio Notificado y Condiciones de prescripción y financiación:

Mounjaro® 2,5 mg/dosis KwikPen® solución inyectable en pluma precargada, 1 pluma precargada de 2,4 ml (C.N. 764820.8): PVP IVA: 207,91 €. Mounjaro® 5 mg/dosis KwikPen® solución inyectable en pluma precargada, 1 pluma precargada de 2,4 ml (C.N. 764819.2): PVP IVA: 271,35 €. Mounjaro® 7,5 mg/dosis KwikPen® solución inyectable en pluma precargada, 1 pluma precargada de 2,4 ml (C.N. 764821.5): PVP IVA: 358,71 €. Mounjaro® 10 mg/dosis KwikPen® solución inyectable en pluma precargada, 1 pluma precargada de 2,4 ml (C.N. 764822.2): PVP IVA: 358,71 €. Medicamento no financiado por el Sistema Nacional de Salud. Medicamento sujeto a prescripción médica.

Ficha técnica Mounjaro disponible en: <https://image.mclilly.com/lib/fe8c127270660c7571/mv/12/b90bd414-654c-4aae-a2d2-6c27a2c922e4.pdf>. Último acceso: febrero 2025.
Mounjaro SPC available at: <https://image.mclilly.com/lib/fe8c127270660c7571/mv/12/b90bd414-654c-4aae-a2d2-6c27a2c922e4.pdf>. Last access: February 2025.

INDUSTRY SYMPOSIUM DURING THE 32ND EUROPEAN CONGRESS ON OBESITY, TAKING PLACE
11-14 MAY 2025 IN MALAGA, SPAIN

Pathways to health with GLP-1 receptor agonism – from proteomic footprint to clinical outcomes

Monday 12 May 2025, 13.30–15.00 CEST

Conference Room 2, FYCMA Palacio de Ferias y Congresos de Málaga, Spain

Chaired by:

Associate Professor
Ania Jastreboff,
MD, PhD



Including expert faculty:

Associate Professor
Christoffer Clemmensen,
PhD



Professor
Kirsi Pietiläinen,
MD, PhD, MSc



Professor Filip Knop,
MD, PhD,
Novo Nordisk



5 minutes

Welcome

Ania Jastreboff

15 minutes

GLP-1: more than an incretin?

Part 1: Making use of the many facets of GLP-1 mode of action

Part 2: Clinical impact with a proteomic footprint

Christoffer Clemmensen

5 minutes

Audience polling

15 minutes

Health improvements with GLP-1 receptor agonism beyond weight

Kirsi Pietiläinen

5 minutes

Audience polling

15 minutes

New pathways to health: Have we unlocked the full potential of GLP-1RAs?

Filip Knop

5 minutes

Audience polling

20 minutes

Panel discussion: Addressing opportunities and future directions with GLP-1RA therapy

All faculty

5 minutes

Closing remarks

Ania Jastreboff



Lunch will be provided as part of the symposium

JOIN VIVUS FOR THE
INDUSTRY-SPONSORED SYMPOSIUM AT ECO 2025!



Personalising obesity treatment:

How can we help our patients living with overweight and obesity reach their goals?

**MONDAY,
12 MAY 2025**
15:00–16:30 CET

PALACIO DE FERIAS Y
CONGRESOS DE MÁLAGA
CONFERENCE ROOM 2

**Don't miss this opportunity to learn more about the
complex world of individualised obesity management.**

Through this session, you will develop skills to:

- Empower patients to overcome internalised stigma
- Improve patient-centred communication skills
- Navigate individualised selection of obesity medications for their patients

SPEAKER

Dr. Michael Vallis

Psychologist &
Associate Professor,
Dalhousie University



SPEAKER

Dr. Emilia Huvinen

Associate Professor of
Obstetrics & Gynaecology,
University of Helsinki



MODERATOR

Dr. Arya Sharma

Professor Emeritus of Medicine,
University of Alberta,
Edmonton/Berlin



SPEAKER

Dr. Robert Kushner

Professor, Departments
of Medicine & Medical
Education Northwestern
University Feinberg School
of Medicine



**To learn more about
VIVUS, scan here**

This educational symposium is for physicians only.

Phentermine/topiramate modified-release hard
capsules are not authorised in Spain.

©2025 VIVUS BV. All rights reserved.
100093.01-EUP 04/2025

VIVUS

13 May | 13:30-15:00

Nutritional Counselling and Considerations When Using Obesity Management Medications

This symposium will address an important but frequently overlooked aspect of therapy with incretin-based obesity management medications (OMMs) and provide a comprehensive overview of nutritional counselling and considerations for when these highly effective treatments are used. Experts in obesity nutritional and medical management will discuss the latest science and provide clarity on frequently asked questions.



Lilly symposium at the occasion of the 2025 European Congress on Obesity

Introduction: Nutritional Counselling and Considerations for Patients Taking Obesity Management Medications (OMMs) 10 min

Before the Use of OMMs 15 min

OMM Initiation Period: Nutritional and Medical Counselling 20 min

Weight Management: Nutritional and Medical Considerations 20 min

Support/Resources for Patients Taking OMMs 15 min

Summary 10 min

INDUSTRY SYMPOSIUM DURING THE 32ND EUROPEAN CONGRESS
ON OBESITY, TAKING PLACE 11-14 MAY 2025 IN MALAGA, SPAIN

The heart of the matter: exploring person-centric approaches to obesity and cardiovascular care

Tuesday 13 May 2025, 13.30–15.00 CEST

Auditorium 1, FYCMA Palacio de Ferias y Congresos de Málaga, Spain

7 minutes

Welcome and introductions

Tina Vilsbøll

10 minutes

**The SELECT effect: how are cardiovascular outcomes advancing
obesity management?**

Pam Taub

15 minutes

Panel discussion

All faculty

10 minutes

One STEP ahead: how can we unlock benefits beyond weight loss?

Paolo Sbraccia

15 minutes

Panel discussion

All faculty

10 minutes

**From guidelines to clinical practice: is cross-specialty collaboration
the key to managing obesity?**

Sue D. Pedersen

15 minutes

Panel discussion

All faculty

8 minutes

Key takeaways and closing remarks

Tina Vilsbøll

Lunch will be provided as part of the symposium



Amgen's lead scientist focused
on our obesity pipeline,
Murielle Véniant-Ellison



Fighting the World's Toughest Diseases

Amgen discovers, develops, manufactures and delivers innovative medicines to help millions of patients in their fight against some of the world's toughest diseases.

As a complex biological disease, obesity affects people in different ways and many therapeutic options are needed. We are committed to developing treatment approaches that meet the dynamic unmet need, underscoring our commitment to innovation and patient care.



Gain a competitive edge in GLP-1 trials

Proven endpoint solutions and actionable insights to optimize trials

Stop by **booth #19** to talk with our experts to learn how you can benefit from our unparalleled expertise to get results for your trials.

CLARIO.

Start Wegovy® now for transformative weight loss and health benefits¹⁻⁴

Transformative
weight loss

≥20%

Weight loss achieved
by 1 in 3 patients.^{1,4}
Mean weight loss of
~17%*

Adding
years to life

20%

Risk reduction in
CV death†, heart
attack, and stroke^{†1,5}

Adding
life to years



Improvements in
functionality and
quality of life^{2,3,6}

References:

1. Wegovy® [summary of product characteristics]. Bagsvaerd, Denmark: Novo Nordisk A/S; 2024.
2. Koshiro M, Abildstrom SZ, Borlaug BA, et al. Semaglutide in patients with heart failure with preserved ejection fraction and obesity. N Engl J Med. 2024;391(17):1573-1583.
3. Biddell H, Bays H, Czernichow S, et al. Once-weekly semaglutide in persons with obesity and knee osteoarthritis. N Engl J Med. 2024;391(17):1573-1583.
4. Garvey WT, Batterham RL, Bhatta M, et al. Two-year effects of semaglutide in adults with overweight or obesity: the STEP 5 trial. Nat Med. 2022;28(10):2083-2091.
5. Lincoff AM, Brown-Frandsen K, Colhoun HM, et al. Semaglutide and cardiovascular outcomes in obesity without diabetes. N Engl J Med. 2023;389(24):2221-2232.
6. Freedland KE, Rich MW, Carney RM. Improving quality of life in heart failure. Curr Cardiol Rep. 2021;23(11):159.

* Mean baseline body weight: 105.6 kg in STEP 5 for Wegovy® patients.⁴

† This result was not statistically significant, but suggests a benefit from semaglutide 2.4 mg.

‡ This result was not statistically significant.
CV, cardiovascular

▼ Este medicamento está sujeto a seguimiento adicional, es prioritaria la notificación de sospechas de reacciones adversas asociadas a este medicamento.
▼ This medicinal product is subject to additional monitoring, reporting of suspected adverse reactions associated with this medicinal product is a priority.

This material is promotional in nature and is intended exclusively for healthcare professionals with the capacity to prescribe or dispense medicinal products and is developed in accordance with the applicable regulations on the advertising of medicinal products for human use, supported by valid and relevant bibliographic references. NN has reviewed the compliance with the above, as well as the adequacy of the information presented with the corresponding approved SmPCs. If you wish to report an adverse event or technical complaint, please contact us at 012. Spain: Farmacov@novonordisk.com. Before prescribing, please consult the SmPC. Novo Nordisk does not recommend the use of its medicines for indications other than those listed in the SmPC.

This material is intended exclusively for healthcare professionals, so its direct or indirect dissemination through social networks or other media to the general public is not permitted.

Spanish Wegovy® SmPC: <https://pro.novonordisk.es/content/dam/hcp-plus/es/es/fichas-tecnicas/ft-wegovy.pdf>
English Wegovy® SmPC: <https://pro.novonordisk.es/content/dam/hcp-plus/es/es/fichas-tecnicas/ft-wegovy.pdf>

The image shown is models and not real patients.

HQ25SEMO00037 | April 2025



PLENARY LECTURES

PLENARY LECTURES

- PL1 **Fuel Partitioning and the Carbohydrate-Insulin Model of Obesity**
David S Ludwig
- PL2 **Digital Food Marketing and Adolescent Diets: Impact, Challenges, and Policy Interventions**
Gastón Ares

EASO SESSION

EASO SESSION

- | | |
|---------------|--|
| ES1.01 | The State of Weight Stigma: Health Consequences, Intersections, and Interventions
<i>Angela S Alberga, Angela C Incollingo Rodriguez, Vida Forouhar, Sabrina Sacco, Marilou Côté, Ximena Ramos Salas, Vicki Mooney</i> |
| ES1.02 | A summary of recent educational initiatives to prevent weight bias in healthcare by Obesity Canada's Education Action Team
<i>Taniya Singh Nagpal, Nicole Pearce, Joseph Abraham Roshan, Sanjeev Sockalingam</i> |
| ES1.03 | Ongoing Work to Eliminate Weight Bias and Stigma as an Overarching Goal of the U.S. Obesity Care Advocacy Network
<i>Theodore K Kyle</i> |
| ES1.04 | Results of the International Weight Bias Summit: Establishing Future Research Directions in the Field
<i>Marilou Côté, Vida Forouhar, Sabrina Sacco, Aurélie Baillot, Mary Himmelstein, Brad Hussey, Angela C Incollingo Rodriguez, Hiba Jebeile, Taniya S Nagpal, Sarah Nutter, Ian Patton, Rebecca M Puhl, Ximena Ramos Salas, Shelly Russell Mayhew, Angela S Alberga</i> |
| ES2.01 | Obesity and the adolescent brain
<i>Susan Carnell</i> |
| ES2.02 | Is Physical Activity the Overlooked Key in Tackling Pediatric Obesity?
<i>Cristina Cadenas-Sanchez</i> |
| ES2.03 | Should children take the lead in their treatment? Strategies for effective involvement
<i>Paulina Nowicka</i> |
| ES3 | Ultrasound Epicardial fat as a routine anthropometric measurement in patients living with Obesity
<i>Silvana Digregorio, Eduardo Blanco, Marta Calbo, Rossell Olga, Lidia Huánuco, Guillem Cuatrecasas</i> |
| ES4.01 | Medical nutrition therapy, obesity and dementia
<i>Liisa Tolvanen</i> |
| ES4.02 | The First and Next 1000 Days: A Crucial Window of Opportunity for Healthy Growth and Development
<i>Rafael Perez-Escamilla</i> |
| ES4.03 | Successful childhood obesity programmes in Europe
<i>Luis Alberto Moreno Aznar</i> |
| ES4.04 | Preventing obesity and sarcopenic obesity in older adults
<i>Alfonso J Cruz-Jentoft</i> |
| ES5 | Introduction on the definition, physiology and energy metabolism of sedentary behaviour
<i>Audrey Bergouignan</i> |
| ES6 | Optimal Protein Intake to Preserve Lean Mass During Treatment with Obesity Management Medications
<i>Christelle Guillet</i> |

JOINT SESSION

JOINT SESSION

JS1

The WHO Acceleration Plan to stop Obesity: a global initiative to address the obesity pandemic.

Kremlin Wickremasinghe, Francesca Celletti, Pedro Gullon, Maria Joao Gregorio, Donal O'shea, Santiago F. Gomez, Jennifer Lyn Baker, Johanna Ralston

JS2.01

Environmental sustainability, food and lifestyle sustainability, and non-communicable diseases

Cristina Bouzas Velasco

JS2.02

Efficacy of a digital intervention for the promotion of healthy lifestyles in populations living with overweight and obesity

Tamara Escrivá Martínez, Lorena Desdentado, Maitena Pierantonelli, Rocío Herrero, Juan Francisco Lisón, Enrique Rodilla, Rosa Maria Baños

JS2.03

An integrative nutritional approach to address metabolic dysfunction in Steatotic Liver Disease

Clara Puig Muñoz

JS3.01

From data to action: results from the WHO European Childhood Obesity Surveillance Initiative (COSI) Round 6 (2022-2024)

Kremlin Wickremasinghe, Cristina Recuero Carretero, Vesselka Duleva, Ekaterina Chikova Iscener, Eliza Markidou, Aušra Petrauskienė, Anna Dzielska, Ana Rito, Olena Nesterova, Vita Špečkauskienė, Ana López Santacruz

JS3.02

Nutrition organization of primary school children in Lithuania

Aušra Petrauskienė, Vita Špečkauskienė, Žydra Narbutienė

TOPIC SESSION

TOPIC SESSION

TS01.01 Gut Microbiome, Adipose Tissue, and Obesity
Karine Clément

Comprehensive multi-omics analysis reveals connections between metabolic obesity, adipose tissue structure, and microbiome composition

TS01.02 Rima Mohsen Chakaroun, Meenakshi Pradhan, Elias Björnson, Daniel Arvidsson, Jonatan Fridolfsson, Anders Gummesson, Marc Schoeler, Matthias Mitteregger, Gustav Smith, Ingrid Larsson, Mats Börjesson, Mathias Uhlén, Göran Bergström, Valentina Tremaroli, Fredrik Bäckhed

TS01.03 The role of gut microbiota in the complex interaction between rheumatoid arthritis and insulin resistance
Patricia Ruiz Limón, Natalia Mena Vázquez, Isabel Moreno Indias, Sara Manrique Arijia, Laura Cano García, Francisco J. Tinahones, Antonio Fernández Nebro

TS02.01 Challenges for Public Health in comprehensive approaches to address obesity: Where we are and where do we need to be?
Jean Adams

TS02.02 Challenges for Public Health in comprehensive approaches to address obesity: Where we are and where we need to be.
Miguel A. Martinez-Gonzalez

TS03 The Role of Digital World in the Etiology of Infant Obesity.
Maria Angustias Salmerón Ruiz, Julio Alvarez Pitti

TS04 Management of Sleep Apnoea in People With Obesity
Ingo Fietze

TS05.01 Hypothalamic FGF1 can regulate systemic energy homeostasis
Hyemi Shin, Kun-Young Park, Jae Myoung Suh

TS05.02 GPR101 modulates body weight and food intake through specific population of neurons
Dayana Abboud, Claudia Abboud, Katherine Lawler, Jacek Mokrosinski, Julia Keogh, Elana Henning, Tomasz Maciej Stepniowski, Mohamed Ali Bahri, Alain Plenevaux, Younes Achouri, Nevin Lambert, Asuka Inoue, Jana Selent, I. Sadaf Farooqi, Julien Hanson

TS06.01 Definitions of childhood obesity
Petur B. Juliusson

TS06.02 Redefining Childhood and Adolescent Obesity or Adiposopathy Across Different Ethnicities
Andrew O. Agbaje

TS07.01 Interleukin-6 as an energy allocator in muscle tissue
Helga Ellingsgaard

TS07.02 Prevalence of low muscle mass and malnutrition in hospital patients with overweight and obesity: a matter of methods
Jeanne J. F. A. In 't Hulst, Barbara S. van der Meij, Carliene van Dronkelaar, Emmelyne Vasse, Patty L. M. Lakenman, Manon De Geus, Jos W. Borkent, Marian A. E. de van der Schueren

TS07.03 Assessment of Nutritional Status in Patients with Sarcopenic Obesity on Hospital Admission
Lara Dalla Rovere, Mariano Molina Ortega, Alessandro Guerrini, Rocío Fernández Jiménez, Carmen Hardy Añón, María García Olivares, Cristina Herola, José Manuel García Almeida

TS08.01 Weight Regain after Surgery
Alex Miras

TS08.02 Deconstructing Weight Cycling: Unveiling Metabolic and Circadian impacts of weight loss and regain in young and mid-aged mice
Habib Mualllem, Yulia Haim, Alon Zemer, Marina Rosengarten Levin, Assaf Rudich

TOPIC SESSION

- | | |
|---------|--|
| TS09.01 | Nutrition Therapy During GLP-1 RA Treatment: Moving Beyond Calorie Restriction to Reduce Stigma and Support Patient-Centered Care
<i>Leonie-Helen Bogl, Caroline Heuberger, Natalie Sara Bez, David Faeh, Sonja Mötteli, Alexander Hunziker, Ninetta Scura</i> |
| TS09.02 | Metabolic alliance: pharmacotherapy and exercise management of obesity
<i>JONATAN R RUIZ, JAVIER BUTRAGUENO REVENGA</i> |
| TS10.01 | What is the evidence about children, adolescents and caregiver views on what influences participation in obesity management services?
<i>Katie Brunner, Chris Carroll, Andrew Booth</i> |
| TS10.02 | Multidisciplinary approaches
<i>Małgorzata Wójcik</i> |
| TS11.01 | Crosstalk between muscle and adipose tissue in sarcopenic obesity – age perspective
<i>Alfonso J Cruz-Jentoft</i> |
| TS11.02 | Association between metabolic health and three indexes of metabolic flexibility in young normal weight adults
<i>Isabela Solar, Ana Carolina Junqueira Vasques, Bruno Geloneze, José Galgani, Eric Ravussin, Rodrigo Fernández Verdejo</i> |
| TS11.03 | Association of reallocation of movement behaviours with ectopic fat: a cross-sectional analysis of the UK Biobank cohort
<i>Jiajin Li, Alice Thackray, William Johanson, James King, Zhuoxiu Jin, Masashi Miyashita, David Stensel</i> |
| TS11.04 | Incorporating Subcutaneous Abdominal Adipose Tissue Fibrosis Assessment into Clinical Practice: A Potential Biomarker and Predictor of Morbidity in Obesity
<i>Judith Albets, Albert Lecube, Judit Pallarés, Marta Bueno, Gabriela Monroy, Blanca Salinas Roca, Alba Dalmau, Ana Gordon, Rocio Guzman Ruiz, Maria M. Malagón</i> |
| TS12.01 | Impaired brown fat activity on obesity and aging: identification of active repressors of brown adipose tissue
<i>Francesc Villarroya</i> |
| TS12.02 | Adipose Tissue Fatty Acid Composition, Diet and Disease
<i>Marijola Thanaj, Nicolas Bastly, Brandon Whitche, Jimmy D. Bell, E. Louise Thomas</i> |
| TS12.03 | Neonatal overfeeding induces long-term obesity, metabolic disturbances and white adipose tissue dysregulation in a sex-dependent manner
<i>Ivonne Palacios-Marin, Cristina Barosa, Sara van Beurden, Júlia Fos-Domènech, Francesc Ribas-Aulinas, John G Jones, Laura Herrero, Josep C Jiménez-Chillarón</i> |
| TS13.01 | Intra-cellular cross-talk in MASLD
<i>Stephan Herzig</i> |
| TS13.02 | Angiotensin II type 2 receptor agonists activate brown adipocyte thermogenesis
<i>Natalia Piñera, Ángela Espada, David Sánchez Fernández, Sahar Samanbar, Raquel Gonzalez Blazquez, José Miguel Cárdenas Rebollo, Marta Viana, Beatriz Somoza Hernández, Martín Alcalá Díaz-Mor</i> |
| TS13.03 | FNDC4 decreases mitochondrial damage and PANoptosis through AMPK activation in metabolic dysfunction-associated steatotic liver disease
<i>Gabriela Neira, Sara Becerril, Victoria Catalán, Javier Gómez Ambrosi, Víctor Valentí, Javier Escalada, Gema Frühbeck, Amaia Rodríguez</i> |
| TS14.01 | Nutrition labelling for improving population diets
<i>Bridget Kelly</i> |
| TS14.02 | Fiscal Policies to promote healthier diets
<i>Martin White</i> |

TOPIC SESSION

TS14.03	Marketing regulation of unhealthy food advertising <i>Miguel Ángel Royo Bordonada</i>
TS15	The Transition to Adult Health Care <i>Torsten Olbers</i>
TS16.01	Psychological characteristics influencing weight loss in severe obesity <i>Riccardo Dalle Grave, Gianmatteo Cattaneo, Mirko Chimini, Anna Dalle Grave, Alexandra Balosin, Giulia Bozzato, Simona Calugi</i>
TS16.02	Exploring mental health disorder risks in obesity treatment: insights from the Bariapsy database <i>Clara Lakritz, Sarah Jeanne Binet, Caroline Gagnon, Gabrielle Hudon, Sylvain Iceta</i>
TS17.01	Effects of Time Restricted Eating on Body Composition in Adults with Obesity <i>Idoia Labayen</i>
TS17.02	Physical Activity <i>Andrea Ermolao</i>

ACCEPTED SYMPOSIUM

ACCEPTED SYMPOSIUM

- | | |
|--------|--|
| AS1.01 | Childhood body size and reproductive health in women
<i><u>Dorthe C. Pedersen</u></i> |
| AS1.02 | Impact of adiposity on breastfeeding intention, initiation, and duration
<i><u>Jennifer L Baker</u></i> |
| AS1.03 | Obesity and menopause - navigating the cardiometabolic transition and finding ways to manage the associated symptoms, including weight gain
<i><u>Emilia Huvinen</u></i> |
| AS1.04 | Obesity Across the Life Course in Women
<i><u>Erla Gerdur Sveinsdottir</u></i> |
| AS1.05 | Obesity Management Across the Life Course in Women
<i><u>Andreea Ciudin Mihai</u></i> |
| AS2.01 | Shared Clinical and Cognitive Factors in Obesity and Related Eating Disorders
<i>FERNANDO FERNANDEZ-ARANDA, Lucia Camacho Barcia, Katrin Giel, Susana Jimenez-Murcia, Nadia Micali, Lucero Munguia, Stephan Zipfel, Manuel Tena-Sempere</i> |
| AS2.02 | Genetic and intergenerational risk in Eating Disorders and Obesity
<i><u>Nadia Micali</u></i> |
| AS2.03 | Shared brain factors in eating disorders and obesity
<i>Angela Favaro, Enrico Collantoni, Paolo Meneguzzo, Elena Tenconi</i> |
| AS2.04 | Supporting families to achieve a healthy weight development for their child with overweight/obesity using the STARKIDS intervention: first results of this cluster-randomized controlled trial
<i>Stephan Zipfel, Katrin Ziser, Rebecca Erschens, Peter Martus, Stefan Ehehalt, Katrin Giel, Florian Junne, Starkids Study Group</i> |
| AS3.01 | Chronodisruption enhances inflammatory cytokine release from visceral adipose tissue in individuals with obesity
<i>Ludovica Verde, Lorenza Zinna, Michele Francesco Di Tolla, Luigi Barrea, Alessia Parascandolo, Federica D' Alterio, Annamaria Colao, Pietro Formisano, Vittoria D' Esposito, Giovanna Muscogiuri</i> |
| AS3.02 | Chrono-Nutritional Patterns, Medical Comorbidities, and Psychological Status in Patients with Severe Obesity before and after weight loss
<i>Silvia Bettini, Sami Schiff, Sara Sandri, Beatrice Gusella, Giulia Maria Pontesilli, Filippo Augusto Barbini, Filippo Cappellini, Matteo D'angelo, Mirto Foletto, Enrico Carraro, Paolo Girardi, Luca Busetto</i> |
| AS3.03 | Chrono-nutrition and body composition of university students with overweight/obesity
<i>Paula Catalina Calderón Abad, Luisa María Villamagua Godoy, Ana Sofía Vivanco Zárate, Pamela Rodríguez, Sandra Cambisaca, María Sarango, Milagros Delosángeles Conza Gaona, Evelyn Frias-Toral</i> |
| AS5 | Weight-independent benefits of semaglutide on histology and non-invasive tests in participants with biopsy-defined MASH: Post hoc analysis of the ESSENCE trial part 1
<i>Philip N. Newsome, Matthew J. Armstrong, Igor Bakulin, Adel Belloum, Anna MG Cali, Anja Geerts, Jacob George, Ewa Janczewska, Niels Krarup, Chun Jen Liu, Håvard Midgard, Vlad Ratzu, Mary Rinella, Michael Roden, Arun J. Sanyal, Jörn Schattenberg, Mohamed Tawfik, Thea Cæcilie Vestergaard, Elisabetta Bugianesi</i> |
| AS6 | Integrating precision nutrition in obesity care
<i><u>Nele Steenackers</u></i> |

ABSTRACT SESSIONS

ABSTRACT SESSIONS

- AD01.01** **Single-cell atlas of human adipose tissue implicates ANGPTL signalling in obesity pathology**
Wei Hang, Birong Zhang, James Alexander Pearson, You Zhou
- AD01.02** **ADTRP inhibition improves glucose tolerance, reduces body weight, and enhances FAHFA-driven anti-inflammatory effects in obese diabetic mice**
Sze Min Ong, Chew Kiat Heng, Yung Seng Lee, Delicia Shu Qin Ooi
- AD01.03** **Altered microRNA expression profiles in subcutaneous white adipose tissue and their association with hepatic steatosis in obesity**
José Andrés Castillo Rivas, María Pilar García Sobreviola, Raquel Del Moral Bergós, Marina Clavel Millán, José Miguel Arbonés Mainar, Silvia Lorente-Cebrián
- AD01.04** **Prdm1 regulates adipocyte transcriptome and the susceptibility to diet-induced obesity in mice**
Irene Vides Urrestarazu, Adrián Idoate Bayón, Marta Fernández Galilea, Neira Sáinz, Álvaro Pejenante, Mónica Alfonso Nuñez, Jon Celay, Vicente Fresquet, M. Pilar Valdecantos, Ángela M. Valverde, M. Pilar Lostao, José A. Martínez Climent, María J. Moreno Aliaga
- AD01.05** **Overeating Does Not Predict High-Fat Diet-Induced Obesity in Mice**
Jens Lund, Valdemar B. I. Johansen, Cláudia Gil, Stephanie K. Holm, Cecilie V. Mathiesen, Rebecca L. McIntyre, Goda Snieckute, Trine S. Nicolaisen, Anders B. Klein, Thorkild I. A. Sørensen, Simon Bekker-Jensen, Zachary Gerhart-Hines, Christoffer Clemmensen
- AD01.06** **Absence of MCJ/DnJC15 promotes brown adipose tissue thermogenesis**
Cintia Folgueira, Beatriz Cicuéndez, Alfonso Mora, Juan Antonio López, Andrea Curtabbi, Javier Pérez García, Begoña Porteiro, Daniel Jiménez Blasco, Pedro Latorre Muro, Beatriz Gómez Santos, Rafa Romero Becerra, Magdalena Leiva, Jorge L. Torres, Lourdes Hernández Cosido, Miguel Marcos, Martin Jastroch, Andreas Daiber, Patricia Aspichueta, Juan Pedro Bolaños, Jessica B Spinelli, Pere Puigserver, Jose Antonio Enriquez, Jesús Vázquez, Guadalupe Sabio
- AD02.01** **Impact of Psychological Intervention on Managing Overweight and Obesity from an Integrative Approach**
Andrea Arroyo-Fernández, Alba Copete Tébar, Alba Vilatersana Alsina, Lara Miquel Ortodó, Maria Ascensión Blanco-Fernández, Gina Llado-Jordan
- AD02.02** **Internalized Weight Stigma in Obesity: A Study on Cognitive Dissonance with Six-Month Follow-Up**
Simona Calugi, Gianmatteo Cattaneo, Mirko Chimini, Anna Dalle Grave, Riccardo Dalle Grave
- AD02.03** **"She is probably on Wegovy" – a qualitative study exploring experiences and perceptions about using weight loss medication in a rural setting in Denmark**
Asbjørn Gulddammer, Sofie Amalie Olsen, Katrine Tranberg Jensen
- AD02.04** **Patient voices: The role of psychological support in a behavioural intervention for people living with severe obesity (PROGROUP)**
Lily Hawkins, Mark Tarrant, Shokraneh Moghadam, Dawn Swancutt, Rod Sheaff, Jonathan Pinkney, Jenny Lloyd
- AD02.05** **Assessing the effect of an intensive lifestyle intervention on healthy and unhealthy behaviors in daily life for individuals with overweight and obesity**
Eva Vanbrabant, Jikke Hesen, Codrin Mironiuc, Suzan Jordan, Gijs Goossens, Lotte Lemmens, Yuliya Shapovalova, Anne Roefs
- AD02.06** **Exploring the role of Adverse Childhood Experiences on Appetitive Traits in Adolescence: a prospective analysis**
Alexandra Costa, Silvia Fraga, Marion M Hetherington, Andreia Oliveira
- AD03.01** **What aspects of outcome measurement instruments are important to parents/caregivers in child health trials**
Moirá Duffy, Eibhlin Looney, Laoise Kelly, Dimity Dutch, Brittany Johnson, Lucy Porter, Sarah Redsell, Karen Matvienko-Sikar
- AD03.02** **Long-term Weight Changes in Response to Liraglutide in Adolescents in a Real-world Setting**
Tariq Chukir, Aya Khalil, Noor Nabeel Suleiman, Odette Chagoury, Shahrad Taheri
- AD03.03** **Serum Trimethylamine N-Oxide, a Predictor of Vascular Damage in Children Living with Obesity**
Simina Monica Mihuta, Denisa Pescari, Corina Paul, Dana Stoian

ABSTRACT SESSIONS

- AD03.04** **A late chronotype associates with elevated BMI z-score throughout school age**
Sohvi Lommi, Catharina Sarkkola, Emilia Ankuri, Timo Partonen, Heli Viljakainen
- AD03.05** **Impact of Abdominal Obesity on Subcortical Brain Structures in Adolescents: The Role of Social Determinants of Health**
Augusto César F. De Moraes, Marcus Nascimento-Ferreira, Jack Virostko, Cristina Cadenas-Sanchez
- AD03.06** **Reprogramming energy homeostasis in children with overweight and obesity through nutritional and physical activity interventions: a fNIRS study**
Gabriele Scozia, Valentina Russo, Nicoletta Gianni, Maria Alessia Rea, Alessia Aureli, Danilo Fintini, Deny Menghini, Melania Manco
- AD04.01** **The prevalence of MASLD and risk of hepatic fibrosis in subjects with cardiometabolic risk factors: A nationwide study (DAHUDER MASLD STUDY)**
Ali Kirik, Hilmi Erdem Sumbul, Nizamaddin Koca, Turkan Pasali Kilit, Sibel Demiral Sezer, Emine Binnetoglu, Esref Arac, Ihsan Solmaz, Hacer Sen, Ibrahim Demirci, Alper Sonmez, Teoman Dogru, Dahuder Masld Study Group
- AD04.02** **Impact of changes in body weight, BMI, and fat mass on glomerular filtration rate over a 4-year follow-up: insights from the ILERVAS cohort**
Albert Lecube, Marcelino Bermúdez López, José Manuel Valdivielso, Cristina Farrás Sallés, Reinald Pamplona, Ferran Barbé, Didac Mauricio, Eva Castro, Elvira Fernández, Marta Hernández, Josep León, Carolina López Cano, Ilervas Project
- AD04.03** **European Recommendations from Health Care Professionals and People Living with Obesity on Safe Practice for Bariatric and Metabolic Surgery Medical Tourism: A Modified Delphi Consensus Statement from EASO, IFSO-EC and ECPO**
Laurence J. Dobbie, Susie Birney, Cathy Breen, Sheree Bryant, Ken Clare, Andreea Ciudin, Daniel M Felsenreich, Jason C G Halford, Helen Heneghan, Nicola Di Lorenzo, Vicki Mooney, Chetan Parmar, Jean O'connell, Grace O'malley, Euan Woodward, Volkan D Yumuk, Ralph Peterli, Barbara McGowan, Bmt Consensus Group
- AD04.04** **Impact of Glucagon-Like Peptide Receptor Agonists (GLP-1 RAs) on Pregnancy: An Integrative Evidence Review and Clinical Perspectives**
Janete Rabelo Rios, Guilherme Giorelli, Alessandra Bedin-Pochini
- AD04.05** **Lights and shadows of bariatric surgery as from a nationwide administrative database of people living with type 1 diabetes**
Claire Carrette, Claire Rives Lange, Nicholas Shoung, Aurélie Phan, Elodie Torretton, Anne Dutour, Bruno Detournay, Sebastien Czernichow
- AD04.06** **Maternal Weight and Delivery Mode Shape the Neonatal Gut Microbiota: Findings From The LIMIT Cohort Study at the Delivery**
Dana El Masri, Niccolò Meriggi, Federica Loperfido, Irene Bianco, Chiara Ferrara, Beatrice Maccarini, Francesca Sottotetti, Carlotta De Filippo, Rosa Maria Cerbo, Stefano Ghirardello, Francesca Garofoli, Micol Angelini, Maria Cristina Monti, Hellas Cena, Rachele De Giuseppe
- AD05.01** **Investigating the quasi-causal association between the obesogenic environment and obesity: a twin study**
Bram Bertzen, Joline Beulens, Jeroen Lakerveld
- AD05.02** **Neighbourhood food environment and mortality due to obesity related NCDs: A large-scale nationwide cohort study**
Paul Meijer, Ilonca Vaartjes, Joline Beulens, Jeroen Lakerveld
- AD05.03** **Supporting people living with obesity and food insecurity to make healthy food purchases: Insights from UK food retailers**
Charlotte Hardman, Rebecca Stone, Adrian Brown, Flora Douglas, Hannah Greatwood, Claire Griffiths, Emma Hunter, Alexandra Johnstone, Marta Lonnie, Michelle Morris
- AD05.04** **How Can Front-of-Package Nutrition Labels Shape Healthier Choices by Influencing Decision-Making Time**
Edvina Hafner, Hristo Hristov, Klaus G Grunert, Igor Pravst
- AD05.05** **The health impacts of mandatory menu calorie labelling and sugar-sweetened beverage taxation in two European countries: A modelling study**
I Gusti Ngurah Edi Putra, Martin O'Flaherty, Karl M.F. Emmert-Fees, Maria Salve Vasquez, Rebecca Evans, Annette Peters, Chris Kyriacides, Nicolas Berger, Eric Robinson, Zoé Colombet
- AD05.06** **Food Fight Campaign - taking to the streets to stop unhealthy food marketing on public transport**
Jane Martin, Craig Sinclair, Claire Hardi

ABSTRACT SESSIONS

- AD06.01 SURMOUNT-5 Trial: Design, Rationale and Baseline Characteristics**
Deborah B. Horn, Louis J. Aronne, Carel W. Le Roux, Wayne Ho, Beverly L. Falcon, Elisa Gomez Valderas, Sagar Das, Clare J. Lee, Leonard C. Glass, Cagri Senyucel, Julia P. Dunn
- AD06.02 Tirzepatide Compared to Semaglutide for the Treatment of Obesity: The SURMOUNT-5 Trial Efficacy and Safety**
Deborah B. Horn, Louis J. Aronne, Carel W. Le Roux, Wayne Ho, Beverly L. Falcon, Elisa Gomez Valderas, Sagar Das, Clare J. Lee, Leonard C. Glass, Cagri Senyucel, Julia P. Dunn
- AD06.03 Change in Cardiometabolic Parameters in People with Obesity Treated with Tirzepatide and Semaglutide: The SURMOUNT-5 Trial**
Louis J. Aronne, Deborah B. Horn, Carel W. Le Roux, Wayne Ho, Elisa Gomez Valderas, Beverly L. Falcon, Georgios K. Dimitriadis, Sagar Das, Clare J. Lee, Leonard C. Glass, Cagri Senyucel, Julia P. Dunn
- AD06.04 Weight Reduction with Tirzepatide 15 mg versus Semaglutide 2.4 mg from the SURMOUNT-5 Trial**
Louis J. Aronne, Deborah B. Horn, Carel W. Le Roux, Georgios K. Dimitriadis, Beverly L. Falcon, Elisa Gomez Valderas, Luis Emilio Garcia Pérez, Cagri Senyucel, Julia P. Dunn
- AD06.05 A New Dawn in Obesity Care: Treat to Target, a Post Hoc Analysis of the SURMOUNT-5 Trial**
Carel W. Le Roux, Louis J. Aronne, Deborah B. Horn, Elisa Gomez Valderas, Georgios K. Dimitriadis, Beverly L. Falcon, Luis Emilio Garcia Pérez, Cagri Senyucel, Julia P. Dunn
- AD07.01 Disease Patterns at Adult ages by Childhood BMI Group**
Julie Aarestrup, Elisabeth W. Andersen, Lise G. Bjerregaard, Jennifer L. Baker
- AD07.02 Childhood Body Mass Index Trajectories and Risk of Overweight and Obesity in Young Adulthood**
Jasmin De Groot, Janine F. Felix, Romy Gaillard, Vincent W.V. Jaddoe
- AD07.03 Children with metabolically healthy obesity and their long-term risk of cardiometabolic morbidities up to young adulthood**
Resthie R. Putri, Pernilla Danielsson, Claude Marcus, Emilia Hagman
- AD07.04 Adverse Waist-For-Height Ratio Trajectories in Childhood are Associated with Cardiometabolic and Cardiovascular Risk by age 10**
David Horner, Bo Chawes, Jakob Stokholm, Klaus Bønnelykke, Morten Rasmussen, Rebecca Vinding
- AD07.05 Estimating the effect of overweight and obesity during adolescence on the risk of long-term comorbidities: a population-based retrospective analysis in England between 2008 and 2023**
Senthil Senniappan, Dinesh Giri, Jennifer A Davidson, Hannah R Brewer, Rebecca Joseph, Ghazanfar Ali, Margherita Bortolini
- AD07.06 Dual-Energy Xray Absorptiometry-measured Fat Mass in Adolescence but not in Childhood Predicts Worsening Cardiac Changes in 1803 Children - A 15-year Longitudinal Study**
Andrew O Agbaje
- AD08.01 Functional role of extracellular vesicles in the dynamic metabolic-tissue dialogue in obesity**
Nerea Lago Baameiro, Tamara Camino, Adrián Vázquez Durán, Adriana Estévez, Manuel Fernández Nogueira, Aurelio Sueiro, Fernando Santos, Javier Baltar, Juan Manuel Falcón Pérez, María Pardo
- AD08.02 Exploring the relationship of GDF15 and FGF21 with glycemic control and aging, and their potential as biomarkers for type 2 diabetes in obesity**
Laura Salmón-Gómez, Victoria Catalan, Beatriz Ramírez, Amaia Rodríguez, Sara Becerril, Camilo Silva Froján, Javier Escalada, Gema Frühbeck, Javier Gomez-Ambrosi
- AD08.03 Increased levels of miR-122 in the plasma due to obesity can be a contributor to inflammation and dysregulation of lipid metabolism in mature adipocytes in vitro**
Carolina Panzarin, Lais A. P. Simino, Mayara N Baqueiro, Livia M Genaro, Helena C. F. Oliveira, Felipe D. M. Chaim, Elinton A. Chaim, Raquel F. Leal, Marcio A. Torsoni, Leticia M. Ignácio-Souza, Marciane Milanski, Adriana S. Torsoni
- AD08.04 The ketone body β -hydroxybutyrate alters the methylome of breast cancer cells in vitro: A potential role for nutritional ketosis on counteracting obesity-related breast cancer**
Andrea G. Izquierdo, Paula M Lorenzo, Nicolas Costa Fraga, Angel Díaz Lagares, Ana B Crujeiras

ABSTRACT SESSIONS

- AD08.05** **Circulating zinc-alpha2-glycoprotein (ZAG) response to acute insulin stimuli: insights into lipid and glucose metabolism**
Albert Lecube, Andreea Ciudin, Cristina Hernández, Blanca Salinas Roca, Julia Cabrera Serra, Elia Navarro Masip, Rafael Simó, David M. Selva
- AD08.06** **Effects of N-acylthalamines on metabolic dysfunction and cellular stress responses driven by obesity**
Stefania Melini, Claudio Pirozzi, Federica Comella, Nicola Opallo, Nicole Pia Navatti, Filomena Del Piano, Chiara Annunziata, Francesca Castoldi, Federico Pietrocola, Giuseppina Mattace Raso, Rosaria Meli
- AD09.01** **Accelerometry-measured walking sessions in older adults with overweight and obesity: associations with neighborhood walkability and social functioning**
Julia Warnberg, Juan Carlos Benavente Marín, Virginia Castillo Antúnez, Napoleón Pérez-Farínos, Francisco Javier Barón López, Antoni Colom Fernández
- AD09.02** **Associations between dietary glycemic measures and dementia risk: the modifying role of body weight and fat distribution**
Nil Novau-Ferré, Javier Mateu-Fabregat, Laura Panisello, Mònica Bulló
- AD09.03** **Food Biodiversity and Weight Variation: Associations in a French Cohort**
Bernard Srour, Mélanie Deschasaux Tanguy, Nathalie Arnault, Justine Berlivet, Julia Baudry, Jeroen Berden, Bernadette Chimera, Serge Hercberg, Emmanuelle Kesse Guyot, Carl Lachat, Inge Huybrechts, Mathilde Touvier
- AD09.04** **The association of smoking with appetite, appetite-related hormones and energy intake: a matched-pair cohort study**
Arwa Alruwaili, Ridah Nayeemullah, David J. Stensel, David Thivel, Buket Engin, James Sanders, Lynsey James, Alice E. Thackray, James A. King, Scott A. Willis
- AD09.05** **Comparison of retrospective and momentary dietary and physical activity measures in participants with obesity, overweight and healthy bodyweight**
Jikke Hesen, Eva Vanbrabant, Codrin Mironiuc, Suzan Jordan, Lotte Lemmens, Gijs Goossens, Yuliya Shapovalova, Anne Roefs
- AD09.06** **Association between sodium intake, spot urine sodium concentration and obesity: a population-based study**
Annika Santalahti, Tarja Inkeri Kinnunen, Satu Männistö, Heli Tapanainen, Niina Erika Kaartinen
- AD10.01** **Safety, pharmacokinetics and pharmacodynamics of dual amylin and calcitonin receptor agonist coluntide (LY3541105) for chronic weight management: a phase 1 study**
Olivier H Benichou, John H Krege, Jenny Chien, Yiheng Li, Gabor Varbiro, Edward J Pratt, Mark L Hartman, Axel Haupt
- AD10.02** **Real-world setmelanotide weight outcomes in French patients with acquired or congenital hypothalamic obesity**
Pauline Faucher, Blandine Gatta Cherifi, Sarah Chalopin, Frédérique Albarel, Ahlam Azar Kolakez, Pascal Barat, Natacha Bouhours, Jean Claude Carel, Régis Coutant, Justine Cristante, Marine Delagrangue, Béatrice Dubern, Nicolas Farigon, Iva Gueorgieva, Marie Hoflack, Marie Michelet, Patricia Pigeon Kherchiche, Rachel Reynaud, Véronique Savey, Bérénice Ségestin, Caroline Storey, Géraldine Vitellius, Karine Clément, Christine Poitou
- AD10.03** **The dual glucagon/GLP-1 receptor agonist survodutide improved cardiovascular risk biomarkers in adults with obesity in a phase 2 trial**
Matthias Blüher, Sandra González Maldonado, Anita M. Hennige, Elena Startseva, Corinna Schoelch
- AD10.04** **Presentation of OBA: a phase 2 clinical trial testing the drug candidate BIO101 (20E) to limit the loss of muscle mass and function induced by semaglutide in patients with obesity**
Serge Camelo, Rob Van Maanen, Claudia Ferreira, Mathilde Latil, Geraldine Grouard Vogel, Sandrine Rabut, Stanislas Veillet, Pierre J. Dilda, Cendrine Tourette, Waly Dioh, Marc Andre Cornier
- AD10.05** **The Effect of Early Weight Loss with Oral Shape-Shifting Superabsorbent Hydrogel Capsule**
Donna H Ryan, Jamy D Ard, Thomas A Wadden, Patrick M O'neil, Robert F Kushner, Holly R Wyatt, Harold E Bays, Frank L Greenway, Yael Kenan, Eti Ganon Elazar, John M Jakicic
- AD10.06** **DAYBREAK Trial: Setmelanotide vs Placebo in Patients with Melanocortin-4 Receptor Pathway Variants**
Gloria Ortiz, Svetlana Ten, Whitney Herring, Orit Pinhas Hamiel, Elif A. Oral, Nina Rosano, Dorit Koren, Hak Myung Lee, Jill C. Garrison, Olga Ohayon, Patrick Sleiman, Martin Wabitsch, Erica van den Akker, Jesús Argente, I. Sadaf Farooqi

ABSTRACT SESSIONS

- AD11.01** HP515 supercharges lipid metabolism and energy expenditure, boosting GLP-1R agonist efficacy for weight loss and lean mass preservation
Jing Li, Hongwei Yuan, Wu Du, Yin Chen, Xinghai Li
- AD11.02** siRNA-INHBE silencing in mice confirms human genetic data and supports the vision for next generation anti-obesity treatment
Hsiu Chiung Yang, Wei Liu, Keith Bowman, Michael Byrne, Cynthia Caracta, Jigar Desai, Naoki Iwamoto, Pachamuthu Kandasamy, Tomomi Kawamoto, Anthony Lamattina, Fangjun Liu, Kenneth Longo, Khoa Luu, Subramanian Marappan, Lola Owen, Qianli Pan, Priyanka Prakasha, Himali Shah, Kuldeep Singh, Stephany Standley, Kris Taborn, Carina Thomas, Hailin Yang, Chandra Vargeese, Erik Ingelsson
- AD11.03** The impact of steering fiber fermentation towards the distal colon on insulin sensitivity and cardiometabolic health in individuals with overweight: 12-week randomized controlled trial (DISTAL-study)
Colin A.J. van Kalkeren, Thirza van Deuren, Ellen E. Blaak
- AD11.04** ABarginase: a First-in-class Drug Candidate for Treatment of Multiple Obesity-related Metabolic Diseases
Leo Lee, Bill Wong, Thomas Leung, Alisa Shum
- AD11.05** ASC47, An Adipose-Targeted, Muscle-Preserving Weight Loss Drug Candidate For Obesity, Demonstrated Significant Weight Loss And Preserved Muscle In DIO Mice
Jinzi Jason Wu, Chengfei Wu
- AD11.06** The novel small molecule Myo4 normalises glycemic control, reduces weight/fat mass and prevents semaglutide-induced muscle remodelling in the murine diet-induced obesity model
Julie Caroline Holder, Roberta Torregrossa, Laure Humbert, Rick Cousins, Norman Law, Jonathan Rees, Matthew Whiteman
- AD12.01** Association between StuffThatWorks Remote Platform and GLP1 Drug Management Efficiency
Roy Eldor, Yael Elish, Avraham Karasik
- AD12.02** Treat to Target in Weight management with Semaglutide: Real-World Evidence from an eHealth Clinic (TRIM)
Søren Seier, Kine Stamp Larsen, Simon Birk Kjær Jensen, Signe Torekov, Henrik Gudbergensen
- AD12.03** Efficacy of digital programmes in adult weight management. A systematic review and meta-analysis
Amanda Avery, Rachel Gillham
- AD12.04** Sustainable Weight Loss and Health Benefits in Obesity Care: 18-Month Real-World Results in a Virtual Care Setting
Martin Henrik Carlsson, Kristofer Ringner, David Buchebner, Elin Skoglund
- AD12.05** Novel service design of an integrated NHS and digital pathway - Using Roczen to increase capacity and access for people with obesity eligible for publicly-funded specialist weight management services
Laura Falvey, Hywel Room, Janso Joseph, Thakshyanee Bhuvanakrishna, Zeenat Banu, Vithian Karunakaran, Ling Chow, Claudia EA Ashton, Adrian Brown, Dipesh Patel, Jonathan Kwan, Siri Steinmo, Barbara McGowan
- AD12.06** Association between engagement with the WegovyCare digital self-support app and weight loss in a real-world setting
Berit Lilienthal Heitmann, Anne Kaas, Mihika Kelkar, Kristoffer Jensen Kolnes, Rok Kosmina, Mads Reinholdt Sørensen, Sofus C. Larsen
- AD13.01** Obesity Prevalence by Education, Occupation, and Income from 2005 to 2019: trends from the Portuguese National Health Surveys
Joana Araújo, Berta Valente, Milton Severo
- AD13.02** Genetically Predicted and Measured Obesity in Relation to Adiposity and Risk of Mortality and Non-Communicable Diseases
Elsa Ojalehto Lindfors, Chandra A. Reynolds, Yiqiang Zhan, Anna K. Dahl Aslan, Juulia Jylhävä, Shayan Mostafaei, Sara Hägg, Arvid Sjölander, Ida K. Karlsson
- AD13.03** Obesity prevalence in night shift workers compared to day workers across Europe – a preliminary analysis of the SHIFT2HEALTH online survey
Sandra Haider, Maria Wakolbinger, Isabel Santonja, Kyriaki Papantoniou, Eva Winzer, Magdalena Wrzesińska, Monique Vingerhoeds

ABSTRACT SESSIONS

- AD13.04** Exploring socioeconomic inequalities in healthy and sustainable diets using big data: An observational analysis of loyalty card data from a UK High Street Supermarket, 2022
Mark Green, Emma Wilkins, Mark Gilthorpe, Maddie Thomas, Nilani Sritharan, Alexandra Johnstone, Michelle Morris
- AD13.05** Metabolic risks and obesity in Mexico: an analysis using the Global Burden of Disease Study
Linda Morales-Juárez, David Contreras-Loya, Héctor Arreola-Ornelas, Carolina Vargas-Martinez, Christian Aspacia Razo García, María Jesús Ríos Blancas
- AD13.06** Body composition and risk of obesity-related cancers in the Danish Diet, Cancer and Health cohort
Anne Marie Overgaard Nielsen, Jennifer Lyn Baker, Julie Aarestrup, Anne Tjønneland, Lene Mellemkjær
- AD14.01** Lipid profiling identifies modifiable signatures of cardiometabolic risk in children and adolescents with obesity
Yun Huang, Karolina Sulek, Sara Elizabeth Stinson, Louise Aas Holm, Min Kim, Kajetan Trost, Kourosh Hooshmand, Morten Lund, Cillius Fonvig, Helene Bæk Juel, Trine Nielsen, Lars Ångquist, Peter Rossing, Maja Thiele, Aleksander Krag, Jens-Christian Holm, Christina Legido Quigley, Torben Hansen
- AD14.02** Early childhood growth trajectories in children with monogenic obesity. A European collaboration project
Stefanie Zorn, Cornelis Jan De Groot, Stephanie Brandt Heunemann, Julia Von Schnurbein, Ozair Abawi, Rebecca Bounds, Lisa Ruck, Blanca Guijo, Gabriel Á. Martos Moreno, Clarisse Nicaise, Sophie Courbage, Margit Klehr Martinelli, Reiner Siebert, Béatrice Dubern, Christine Poitou, Karine Clément, Jesús Argente, Peter Kühnen, I. Sadaf Farooqi, Martin Wabitsch, Erica Van Den Akker
- AD14.03** A novel syndromic obesity disorder mimicking Prader-Willi Syndrome caused by biallelic variations in SREK1
Sadia Saeed, Anna Maria Siegert, Loraine Tung, Roohia Khanam, Qasim M Janjua, Jaida Manzoor, Brian Y. H. Lam, Sherine Awad, Mehdi Derhourhi, Stephen O'rahilly, Anthony P. Goldstone, Muhammad Arslan, Amélie Bonnefond, Giles S. H. Yeo, Philippe Froguel
- AD14.04** Accelerated Epigenetic Aging as a Biomarker of Pediatric Obesity: Insights from Pubertal Development
Mireia Bustos-Aibar, Álvaro Torres-Martos, Gloria Bueno, Rosaura Leis, Luis A. Moreno Aznar, Jesus Alcala-Fdez, Augusto Anguita-Ruiz, Concepcion M. Aguilera
- AD14.05** Epistasis of GLP-1 signaling related genetic variants suggests involvement in the regulation of appetitive traits among pre-adolescents
Timothy Renier, Diane Gilbert-Diamond, Lee Kaplan, Jiang Gui
- AD14.06** Identification of Novel Epigenetic Biomarkers Associated with Childhood Obesity and Early Development of Cardiometabolic Risk Factors
Álvaro Torres-Martos, Augusto Anguita-Ruiz, Mireia Bustos-Aibar, Francisco J. Ruiz Ojeda, Jesus Alcala-Fdez, Luis A. Moreno, Angel Gil, Mercedes Gil-Campos, Gloria Bueno-Lozano, Rosaura Leis, Concepcion M. Aguilera
- AD15.01** Tirzepatide vs semaglutide for the management of obesity and overweight: a subgroup indirect treatment comparison of body composition outcomes from SURMOUNT-1 and STEP 1
Andreea Ciudin, Hélène Sapin, Sarah Zimmer Rapuch, Adam Stefanski, Georgios K. Dimitriadis, Mathias Hempfling, Laura J. Clark, Erin Johansson
- AD15.02** Association of glucagon-like peptide-1 receptor agonists treatment post-metabolic bariatric surgery with primary prevention of MACE
Noga Ramot, Orna Reges, Yael Wolff Sagy, Erez Battat, Ronen Arbel, Gil Lavie, Dror Dicker
- AD15.03** Impact of GLP-1 Receptor Agonists on Cardiovascular and Renal Outcomes Across Body Mass Index Categories in Type 2 Diabetes
Tien Hsing Chen, Ming Lung Tsai
- AD15.04** Early Clinical Benefit of Semaglutide in Adults with Overweight or Obesity and Cardiovascular Disease: A Secondary Analysis of the SELECT Trial
Jorge Plutzky, John W. Ostrominski, Vanita R. Aroda, John Deanfield, Scott S. Emerson, G. Kees Hovingh, Steven E. Kahn, Sergio Leonardi, Ildiko Lingvay, Donna H. Ryan, Søren Rasmussen, Benjamin M. Scirica, Signe Stensen, Peter E. Weeke, A. Michael Lincoff

ABSTRACT SESSIONS

- AD15.05** Nutritional and lifestyle recommendations for the management of obesity with GLP-1 based therapies: An expert consensus statement using a modified Delphi approach
Luc Van Gaal, Ard Jamy, Blüher Matthias, Chen Wei, Dixon John, Fitch Angela, Gigliotti Linda, Khunti Kamlesh, Lecube Albert, Lean Michael, Mittendorfer Bettina, Pfeiffer Andreas, Ryan Donna, Vilsbøll Tina, Sievenpiper John
- AD15.06** Weight loss trajectories on tirzepatide treatment in people with prediabetes and overweight or obesity in SURMOUNT-1 3-year Study
Luca Busetto, Jens Aberle, Tina Thethi, Philip Schauer, Dachuang Cao, Irina Jouravskaya, Neena Xavier, Clare Lee
- AD16.01** The Effects of Phosphodiesterase 4 Inhibitors on Weight Loss and Energy Homeostasis in Mice with Obesity Induced by a High-fat-diet
Maria Amélia Aquino Montenegro De Andrade, Hellen Veida Paraguassu Da Silva, Aline Alves De Jesus, José Antunes Rodrigues, Francisco Jose Albuquerque De Paula, Lucila Leico Kagohara Elias
- AD16.02** Olf2 Deficiency Inhibits Metainflammation in Obesity
Yein Park, Felix Picard, Jonathan Rühlmann, Katharina Tinaz, Inês Mahú, Jens Alber, Vera Schmidt, Elvira Weber, Jens Brüning, Marco Orecchioni, Martin Mollenhauer, Holger Winkels
- AD16.03** Hepatic p38 δ as a regulator of liver rhythms against obesity and social jetlag-induced steatosis
Beatriz Cicuendez, Valle Montalvo Romera, Juan Antonio López, Antonia Tomás Loba, Alfonso Mora, María Crespo, Xabier Buqué, Beatriz Gomez Santos, Diego Saenz De Urturi, Elena Rodriguez, Daniel Jimenez Blasco, Rebeca Acin Perez, Luis Leiva Vega, José Antonio Enriquez, Juan Pedro Bolaños, Jesús Vazquez, Rubén Nogueiras, Patricia Aspichueta, Cintia Folgreira, Guadalupe Sabio
- AD16.04** Hepatic OLF2R34 inhibition disrupts liver function
Eva Prida García, Diego Muñoz Moreno, Eva María Novoa, Támara Parracho, Laura Díaz Garzón, Beatriz Brea García, Jaime Dobarro, Adrián Ángel Fernández Marcos, Raquel Pérez Lois, Miguel Bascoy Otero, Rubén Nogueiras, Luisa María Seoane, Mar Quiñones, Omar Al Massadi
- AD16.05** Multiethnic prevalence of rare deleterious mutations in eight monogenic obesity genes and their association with body mass index
Sandra El Kouche, Helen Zeng, Maria Moawad, David Meyre
- AD16.06** Downregulation of Acyl-CoA-binding protein (ACBP) in brown adipose tissue protects mice against diet-induced obesity
Albert Blasco Roset, Tania Quesada López, Alberto Mestres-Arenas, Joan Villarroya, Rubén Cereijo, Celia Rupérez, Marta Giral, Anna Planavila, Francesc Villarroya
- AD17.01** Adolescent social networks and energy-balance-related behaviors: a sociocentric study
Maxime Luiggi, Bianca Boi, Julio Del Amo, Themis Apostolidis, Tangui Barré, Patrizia Carrieri
- AD17.02** Impacts of EAT-Lancet Dietary Patterns in Environmental Indicators and Prevented Cases of Obesity in Children and Adolescents
Beatriz Teixeira, Milton Severo, Cláudia Afonso, Catarina Carvalho, Duarte Torres, Carla Lopes, Andreia Oliveira
- AD17.03** Neighborhood Green Spaces and Pediatric Obesity: Exploring the Impact During the COVID-19 Pandemic
Antoni Colom, Mauricio Ruiz Pérez, Jeroen De Bont
- AD17.04** Urban-rural differences and associations between early childhood movement behaviours and adiposity indicators
Karoliina Uusitalo, Anthony Okely, Eva Roos, Elina Engberg
- AD17.05** Childhood obesity trajectories, obesity episodes, and adolescent mental health: A UK cohort study
I Gusti Ngurah Edi Putra, Michael Daly, Eric Robinson
- AD17.06** Movement Behaviors and Psychosocial Well-Being in Children and Adolescents: The IDEFICS/IFamily studies
Guíomar Masip, Rasmus Møller Jørgensen, Toomas Veidebaum, Dénés Molnár, Lauren Lissner, Flavio Lauria, Stefaan De Henauw, Charalambos Hadjigeorgiou, Antje Hebestreit, Christoph Buck, Wolfgang Ahrens, Luis A Moreno

GUIDED POSTERS

GUIDED POSTERS

- PO1.001** **Rhythms of gene expression in adipose tissue are linked to adipocyte size and metabolic health**
Ivan Dozzani, María Rodríguez Martín, Marta Garaulet
- PO1.002** **Kiss1 neuron-Bdnf exerts a sexual dimorphic function controlling sexual development in female and energy balance in male mice**
Ariane María Zanesco, Dayana Cabral Da Silva, Guilherme Nogueira, Jonathan Ferreira, Natália Ferreira Mendes, Renata Frazao, Carol F Elias, Licio Velloso
- PO1.003** **Identification of fibromodulin in adipose tissue as a potential therapeutic target in children with obesity**
Rocio Moreno Cañadas, Jose Antonio Nuñez-Sanchez, Mireia Bustos-Aibar, Mercedes Gil-Campos, Belén Pastor Villaescusa, Laura Herrero, Concepcion Aguilera, Francisco Javier Ruiz Ojeda
- PO1.004** **Effects of A2 milk on intestinal barrier integrity and adipose tissue inflammation**
Edoardo Scopini, Jessica Perugini, Anita Ferraretto, Paola Bendinelli, Ivano De Noni, Antonio Giordano
- PO1.005** **Multi-Omics Approach for Identifying Novel Candidate Molecules to Activate Adipose Tissue**
Livia Petriskova, Dominika Olesova, Adhideb Ghosh, Ales Kvasnicka, Natalia Palesova, Patrik Stefanicka, Lukas Varga, Alzbeta Jancovicova, Peter Makovsky, Dana Dobesova, Lucia Balazova, David Friedecky, Christian Wolfrum, Miroslav Balaz
- PO1.006** **Novel strategies to analyze obesity-associated adipose tissue dysfunction and fibrosis adipocyte 3D spheroids**
Beatriz González Almécija, María González Ruiz, Ángela María Suárez, Beatriz Farinha, Samuel Lorenzo Pino, Oriol Alberto Rangel-Zuñiga, Jose Lopez-Miranda, Antonio Membrives, MCarmen Soler-Vázquez, Ana Gordon Bermúdez-Coronel, Rocio Guzmán Ruiz, María M Malagon
- PO1.007** **Neuropeptide y (NPY) deletion in tyrosine hydroxylase neurons alter metabolic regulation of transgenic mice**
Gabriela Batitucci, Dioze Guadagnini, Marcos Divino Ferreira Junior, Joseane Morari, Natália Ferreira Mendes, Ester Dos Santos Alves, Erika Anne Robles Roman, Mario José Abdalla Saad, Antônio Carlos Boschiero, Everardo Magalhães Carneiro, Ana Domingos, Licio Augusto Velloso
- PO1.009** **Gastric microbiota-specific signatures in adults with obesity and Helicobacter pylori-negative gastritis: A case-control study**
José Ignacio Martínez Montoro, Raquel Sancho Marín, Luis Ocaña Wilhelmi, Isabel Arránz Salas, Nerea Ruiz Campos, María José García López, Francisco J Tinahones, Carolina Gutierrez Repiso
- PO1.010** **Promoting Superior Weight Loss with Lean Mass Preservation: RES-010 Enters Clinical Trials to Revolutionize Obesity Treatment**
Anna Altieri, Simone Tomasini, Giovanni Pellegrini, Giulia Iannoto, Sakari Kauppinen, Riccardo Panella
- PO2.001** **Clinical and humanistic burden of obstructive sleep apnoea in people living with obesity: a multinational survey**
Kevin G Pollock, Julie Mount, Eva Lau, Lewis Harrison, Andrea Leith, Ashley Mortimer, Jean-Louis Pepin
- PO2.002** **Competing Priorities: Stakeholders' Perspectives Towards Obesity prevention in Lebanon**
Malika Al Kattan, Stephen Fallows, Lynne Kennedy
- PO2.003** **Demystifying theory-led complex intervention development; targeting sedentary behaviour in obesity**
Fiona Curran, James Matthews, Grainne O'donoghue
- PO2.004** **Behavioral Compensatory Responses to Different Modes of Exercise in individuals with Overweight and Obesity**
Nathalie Guldberg Skougaard, Nina Sloth Nielsen, Jonas Osted Hvidemose, Jacob Peter Hartmann, Ronan Berg, Faidon Magkos, Bente Klarlund Pedersen, Mathias Ried-Larsen
- PO2.005** **Leveraging HIIT and Digital Motivation for Exercise Adherence**
Jin-Wook Kim, Sul Hee Park, Jeong Hyun Park
- PO2.006** **Personalized lifestyle reports and shiny apps to visualize ecological monetary assessment data in participants with overweight or obesity**
Codrin Mironiuc, Jikke Heslen, Eva Vanbrabant, Suzan Jordan, Lotte Lemmens, Gijs H Goossens, Yuliya Shapovalova, Anne Roefs

GUIDED POSTERS

- P02.007** **A population-level microsimulation model developed to evaluate the health, healthcare cost and productivity impacts of food taxes in the United Kingdom**
Katharine Pidd, Penny Breeze, Luke Wilson, Robert Pryce, Alan Brennan
- P02.008** **Adherence to the new Nordic Nutrition Recommendations for animal-based foods by weight status in Finnish adults**
Tiina Suikki, Heli Tapanainen, Niina Kaartinen, Mirka Maukonen, Anne-Maria Pajari, Satu Männistö
- P02.009** **The Effect of Alcohol Drinking on Obesity and Metabolic Syndrome in Korean Elderly: Big Data Analysis**
Sung Soo Kim, Kyung Do Han
- P02.010** **Intersectional inequality in general and central obesity: a cross-sectional UK Biobank study using multilevel analysis of individual heterogeneity and discriminatory accuracy**
Joseph Hutchinson, Rebecca Hardy, William Johnson
- P02.011** **Prevalence, trends and characteristics of obesity in Hungary's Comprehensive Health Screening and Prevention Program between 2010-2023**
Eszter Halmy, László Gyula Halmy, Tennó Daiki, Gergely Dankovics, István Barna, András Paksy
- P02.012** **Muscle Strength, Weight Status, and Their Combined Impact on Health and Healthcare Use in European Older Adults**
Cesar Agostinis Sobrinho, Rafaela Espirito Santo
- P03.001** **Establishing Normative Reference Values for Handgrip Strength in Children and Its Relationship With Nutritional Status**
Gökçen Doğan, Eda Çakmak, Nurcan Yabancı, Mehtap Akçil Ok
- P03.002** **Changes in Body Mass Index in children before, during, and after COVID-19**
Jens Bruun, Frederik K Jensen, Sara Schwartz, Anton L Andersen, Sigrid B Gribsholt
- P03.003** **Parenting in Sync: Coparenting Dynamics and Obesity-Related Lifestyle Behaviors in Early Childhood**
Olivia De-Jongh Gonzalez, Louise C. Mâsse
- P03.004** **Explainable Artificial Intelligence for Identifying Childhood Obesity Biomarkers: Integrating Genomics and Managing Data Imbalance**
Maria Arteaga, Augusto Anguita-Ruiz, Jesús Alcaládez, Concepción M. Aguilera, Rosaura Leis, Gloria Bueno, Rafael Alcalá, María José Gacto
- P03.005** **Cigarette smoking in youth decreased during obesity treatment**
Anne Christenson, Britt Marie Larsson, Ylva Trolle Lagerros, Stephanie Erika Bonn
- P03.006** **Evaluating medical students' knowledge, skills and attitudes on managing childhood obesity: a pilot study**
Nese Gadzama, Grace O'Malley, Grace O'Malley, Clodagh O'Gorman
- P03.007** **Evaluation of the established PhunkyFoods programme in UK on food literacy and cooking skills in primary school-age children**
Milca E Vidal, Marion Hetherington, Janet Cade, Charlotte E. Evans, Karen Vaughan
- P03.008** **Rapid infant weight gain and childhood obesity risk: investigating the role of linear growth**
William Johnson, Tim J Cole, Ken K Ong
- P03.009** **The Prevalence of Prediabetes is High and Has Rapidly Increased Independent of Body Weight in Finnish Children with Overweight or Obesity**
Hanna Riekkö, Linnea Aitokari, Antti Saari, Laura Kivelä, Heini Huhtala, Anna Viitasalo, Sonja Soininen, Eero Haapala, Timo Lakka, Kalle Kurppa
- P03.010** **Moderating the Impact of Socioeconomic Inequalities on Childhood and Adolescent Obesity: The Role of Neighborhood Greenery**
Antoni Colom, Napoleón Pérez-Farínós, Juan Carlos Benavente Marín, Maurici Ruiz-Pérez, Pau Morell Crespí, Helmut Schroder, Santiago Felipe Gómez, Julia Warnberg
- P03.011** **Lifestyle intervention in adolescent girls with obesity**
Ljiljana Plavsic, Olivera M Knezevic, Aleksandar Sovtic, Ilijana Mazibrada, Rade Vukovic, Djuro Macut

GUIDED POSTERS

- P03.012** **Correlations between lifestyle and the circulating proteomic profile in children with obesity and after a behavioral intervention**
Andrea Soria Gondek, Marta Murillo, Aina Valls, Mirian Lozano, Nativitat Real, Rubén Cereijo, Laura Herrero, Santi Gómez, Clara Homs, David Sánchez Infantes, Lorena González
- P03.013** **Revealing Hidden Links: Using Correspondence Analysis to Decode Maternal Lifestyle and Gestational Weight Gain**
Irene Bianco, Mulubirhan Assefa Alemayohu, Federica Loperfido, Lucia Cazzoletti, Elisabetta Zanolin, Dana El Masri, Chiara Ferrara, Rosa Maria Cerbo, Stefano Ghirardello, Beatrice Maccarini, Francesca Sottotetti, Francesca Garofoli, Micol Angelini, Maria Cristina Monti, Hellas Cena, Rachele De Giuseppe
- P03.014** **Implementation of 'Grunau Moves' Best Practices in Greece: Health4EUKids Joint Action**
Eleni Papachatzis, Emmanuella Magriplis, Alexandra Angelakopoulou, George Karydas, Vasiliki Iliopoulou, Kyriaki Premtou, Lambrini Lachanioti, Theodore Dassios, Gabriel Dimitriou, Apostolos Vantarakis
- P03.015** **Parents' experiences of having a child with ADHD and obesity - a qualitative study**
Susann Ask, Anna Ek, Karin Nordin, Markus Brissman, Paulina Nowicka
- P03.016** **Metformin intervention in children and adolescents with obesity**
Anders Harald Forslund, Iris Ciba, Pia Kalm Stephens, Klara Danielsson, Helena Vilen, Rasmus Stenlid, Hannes Manell, Peter Bergsten
- P03.017** **Association Between Preconception Paternal Body Mass Index and Offspring Weight Development from birth to five years: Data from the APPROACH Study**
Amanda Beske Almstrup, Christina Sonne Mogensen, Christian Moelgaard, Stine Schramm, Nina Rica Wiium Geiker
- P03.018** **Differences in mealtime eating habits between preschoolers, school-aged children, and adolescents with Autism Spectrum Disorders (ASD)**
Anna Xeinì, Panagiotis Goulidakis Vosyniotis, Ariadni Niarchou, Aimilia Gkotsopoulou, Maria Annantonaki, Maria Fragkouli, Georgios Panoutsopoulos, Evaggelia Fappa
- P04.001** **Comprehensive Correlation and Predictive Analysis of TMAO and Resistin as Biomarkers of Cardiometabolic Risk Factors: Development of Significant Independent Predictors and Evaluation of Cardiometabolic Risk**
Stoian Dana, Mihuta Simina, Bena Andreea, Pescari Denisa
- P04.002** **Bariatric Arterial Embolization vs Bariatric Surgery: Comparison of metabolic effects in obese patients with Type2 Diabetes**
Rodrigo Otávio de Oliveira, Sílvia Vilarés Conde, Fátima Oliveira Martins, Tiago Bilhim, Vaneska Spinelli Reuters, Elia Coimbra
- P04.003** **Impact of multifactorial lifestyle interventions on psychosocial well-being in children living with obesity**
Camilla Raaby Benjaminsen, Rasmus Møller Jørgensen, Malthe Jessen Pedersen, Loa Clausen, Jane Nautrup Østergaard, Jens Meldgaard Bruun
- P04.004** **Real-world evaluation of weekly Semaglutide 2.4mg (Wegovy™) in adults with complex obesity: insights from phase 1 implementation in a UK National Health Service (NHS) inner city obesity service**
Uzma Ashraf, Bader Ebrahim, Laurence J Dobbie, Luke D Boyle, Sophie Wilson, Tamsin Hill, Kathryn Waller, Siobhan Ewing, Abhiti Gulati, Daniela R Alves, Piya Sen Gupta, Barbara McGowan, Claudia Coelho
- P04.005** **GLP-1 receptor agonists and risk of bone fractures in elderly people with type 2 diabetes**
Michal Kasher Meron, Tzipi Hornik-Lurie, Gilad Twig, Pnina Rotman Pikielny
- P04.006** **Service evaluation of real-world data of a medication-assisted digital clinical programme, Roczen Plus, on outcomes in self-paying patients living with obesity in the UK**
Laura Falvey, Claudia EA Ashton, Raquel Sanchez Windt, Sarah Oldfield, Ling Chow, Adrian Brown, Dipesh C Patel, Siri Steinmo, Barbara McGowan
- P04.007** **Pharmacogenomic analysis of the GLP-1 receptor in a phase 2 trial of survodutide, a glucagon/GLP-1 receptor dual agonist, in adults with obesity**
Matthias Blüher, Sandra González Maldonado, Anita M. Hennige, Elena Startseva, Corinna Schoelch, Raphael Hesse

GUIDED POSTERS

- PO4.008** **Thrombelastography in women with overweight and obesity planning pregnancy: impact of BMI on thrombotic risk**
Emilie Bahne, Per G. Hagelqvist, Signe Foghsgaard, Nina Kornerup, Julie Hagstrøm Danielsen, Ronni Sahl, Signe Torekov, Louise Groth Grunnet, Tina Vilsbøll
- PO4.009** **Weight regain following the cessation of GLP-1 RAs for weight management: a systematic review and meta-analysis**
Sam West, Jadine Scragg, Jason L Oke, Paul Aveyard, Lia Willis, Heather Knight, Stella Haffner, Danni Wang, Susan Jebb, Dimitrios Koutoukidis
- PO4.010** **Canagliflozin or acarbose versus placebo to ameliorate post-bariatric hypoglycaemia – the glycaemic variability findings of the HypoBar I randomized clinical trial**
Carolina B Lobato, Clara T Winding, Kirstine N Bojsen-Møller, Bolette Hartmann, Christoffer Martinussen, Simon Veedfald, Jens J Holst, Sten Madsbad, Nils B Jørgensen, Carsten Dirksen
- PO4.011** **Changes in waist circumference and waist-to-height ratio in participants with prediabetes from SM-1 3-year study**
Royce P Vincent, Xiu Hui Wang, Julia P Dunn, Jessica R O'Hagan, Irina Jouravskaya, Georgios K Dimitriadis
- PO4.012** **Associations between tirzepatide treatment and bodily pain in people with obesity: a post-hoc analysis of the SURMOUNT trials**
Andreea Ciudin, Julia Fraseur Brumm, Dachuang Cao, Lisa M Neff, Reema Mody, Julia P Dunn
- PO4.013** **Weight Status-associated Brain Connectome Biomarkers of Quantitative Brain Magnetic Resonance Imaging in Patients with Obesity**
Hai Hua Chuang, Yi-Ping Chao, Li-Ang Lee, Tiing Yee Siow
- PO4.014** **Ketogenic diet is less effective in ameliorating depression and anxiety in Obesity than mediterranean diet: exploring the GUT-Brain axis**
Nadia Suyin Ortiz Samur, María José García López, Alba Subiri Verdugo, Francisco José Tinahones, Isabel Moreno Indias, Virginia Mela
- PO4.015** **Postprandial plasma bile acid response is elevated after bariatric surgery in persons with type 2 diabetes and obesity compared with obesity alone**
Ana Kontro Rosales, Jari E. Karppinen, Tuure Saarinen, Juho Kuula, Per-Henrik Groop, Mikko Neuvonen, Mikko Niemi, Anne Juuti, Kirsi Pietiläinen, Sini Heinonen
- PO4.016** **ASC47, a Muscle-Preserving Weight Loss Drug Candidate in Healthy Participants: A First-in-human Single Ascending Dose Study**
Jinzi Jason Wu, Yike Li
- PO4.017** **The prevalence of Overweight and Obesity among Athletes: Why WHO BMI Classification Does not fit?**
Chiara Milanese, Leila Itani, Valentina Cavedon, Marwan El Ghoch
- PO4.019** **Prevalence of sarcopenic obesity in candidates for bariatric surgery: A Multicentre Register from the Area of Obesity of the Spanish Endocrinology Society**
Nuria Vilarrasa, Silvia Pellitero, Ana De Hollanda, Irene Bretón, Miguel Angel Rubio, Sergio Valdés, José Ignacio Botella, José Ignacio Martínez Montoro, Anna Vidal, Ana Monforte, Camila Milad, Atocha Bielza, Carolina Moreno Torres, Dario Ruiz, Maria Dolores Ballesteros Pomar
- PO4.020** **Weight loss-related changes in MRI-derived measures of body composition and liver health: a large-scale analysis from the UK Biobank**
Magdalena Nowak, Tim Pagliaro, Luis Nunez, Iulia Popescu, Tushy Kailayanathan, Andrea Dennis, Helena Thomaides Brears
- PO4.021** **Nasal exposure to a volatile odorant compound enhances resting energy expenditure and body temperature in individuals living with obesity**
Lolita Matiasheva, Pierre Abiven, Timothy Sascha Odermatt, Alexandra Gnann, Leonie Heeb, Anouk Hoogkamer, Lisa Hurni, Valerie Mettraux, 1,2, Isabel Hofer, Katharina Timper
- LBP1.01** **Cereblon (CRBN), a component of the ubiquitin ligase complex, modulates high-caloric food intake via suppressing SIM1/ARNT2 action in the paraventricular nucleus of hypothalamus**
Soojeong Kim, Doo Kyung Kim, Gülcan Kartal, Han Kyoung Choe, Joe Eun Son, Ki Woo Kim, Jaemin Lee

GUIDED POSTERS

- LBP1.02** **Is intestinal CD36 involved in the development of Western Diet-induced obesity?**
Tatiana Al Anaissy, Lorène Lebrun, Annabelle Tavernier, Jean François Merlin, Isabelle Niot
- LBP1.03** **Deficiency of MBD2 in pancreatic β -cells leads to obesity**
Qianrui Liu, Yuhuan Wang, Na Wang, Cong Yi Wang
- LBP1.04** **Evaluation of Delta-5-desaturase (D5D) inhibitors for obesity**
Mafalda M A Pereira, Daniel Veyel, Holger Wagner, James Fordham, Martin Winter, Hamilton Bradford, Philippe Slos, Anton Pekcec
- LBP1.05** **Age-dependent Fgfr3 DNA methylation contributes to failure of adipose progenitor cells differentiating into beige adipocyte**
Gao Zhichao, Wang Cong Yi
- LBP1.06** **Acute Aerobic Exercise Increases the Expression and Secretion of Secreted frizzled related protein 4(SFRP4)**
Ji Sun Nam, Yu Rim Kwon, Eun Suk Cho, Jong Suk Park, Chul Woo Ahn, Yu Sik Kim
- LBP1.07** **Metabolic licensing of adipogenesis through glutamine anabolism**
Romane Higos, Fatiha Merabtene, Christine Rouault, Jimon Boniface Abatan, Mélanie Lambert, Laurent Genser, Isabelle Dugail, Salwan Maqdasy, Geneviève Marcelin, Karine Clément, Simon Lecoutre
- LBP1.08** **Semaglutide-induced loss of muscle mass... and of muscle function?**
Julien Roux, Bruno Bariohay, Julie Marcotorchino, Lorraine Bournot, Thais Rouquet, Manar Awada
- LBP1.09** **Metabolic Effects of Tirzepatide and Semaglutide: Energy Expenditure and Adaptations During and After Treatment**
Simone Bossi, Line Fisker Zachariassen
- LBP1.10** **Protective effects of essential amino acid supplementation on intestinal epithelial cells under inflammatory conditions**
Chiara Ruocco, Letizia Spataro, Maurizio Ragni, Agnese Segala, Alice Vetturi, Giulia Sofia Marcotto, Luca Canciani, Michele Olivo Carruba, Ginetta Collo, Alessandra Valerio, Enzo Nisoli
- LBP1.11** **Obesity and PCOS both disrupt female reproduction independently and synergistically**
Mafalda V. Moreira, Emídio Vale Fernandes, Raquel L. Bernardino, Daniela Sousa, Raquel Brandão, Carla Leal, Mariana P. Monteiro
- LBP1.12** **Parameters to predicting Metabolic Syndrome by improving the performance of the Dysfunctional Adipose Index (DAI)**
Rodolfo Ivan Valdez Vega, Jacqueline Alejandra Noboa Velastegui, Nora Magdalena Torres Carrillo, Ana Lilia Fletes Rayas, Sandra Luz Ruiz Quezada, Martha Eloisa Ramos Marquez, Iñaki Alvarez Perez, Rosa Elena Navarro Hernandez
- LBP2.01** **Body Image Shame Scale: An exploratory structural equation modelling analysis in a sample of women with overweight and obesity**
Cristiana Duarte, James R. Stubbs, Paul Gilbert, Carol Stalker, Francisca Catarino, Jaskaran Basran, Graham Horgan
- LBP2.02** **Assessment of chronotype-related eating behavior in a group of normal weight or with overweight people**
Claudia Di Rosa, Chiara Spiezia, Alessandro Guerrini, Paolo Junior Gentili, Silvia Manfrini, Yeganeh Manon Khazrai
- LBP2.03** **What Treatment Options Do Patients with Obesity Complications Prefer?**
Hilary C Craig, Dalal Alsaeed, Ebaa Al Ozairi, Suzanne Norris, John Holian, Cormac Kennedy, Helen Heneghan, Deirdre McGillicuddy, Emma Farrell, Eva Hollmann, David Walley, Werd Al-Najim, Carel Le Roux
- LBP2.04** **The impact of food advertising on children's immediate and later food intake: do media type, advertisement content, and participant characteristics moderate these effects? A randomised control trial**
Emma Boyland, Anna Coates, Mark Green, Simon Russell, Russell Viner, Rahul Savani, Beverley Burbridge, Bridget Kelly, Andrew Jones
- LBP2.06** **A Geospatial Analysis of Clustering of Takeaway Outlets around London Schools and Associations with Childhood Obesity**
Chiara Gericke, Clare Llewellyn, Adam Dennett, Thomas Burgoine
- LBP2.07** **Withdrawn**

GUIDED POSTERS

- LBP2.08** **The Influence of Physical Activity on Childhood Obesity Prevention and Associated Health Outcomes**
Cristina Castro Collado, Francisco Jesús Llorente Cantarero, Pilar De Miguel Etayo, Rosaura Picans Leis, Belén Pastor Villacusa, Alicia Larray García, Rocio Vázquez Cobela, Katherine Flores Rojas, Maria Isabel Benedicto Toboso, Luis A Moreno Aznar, Rosaura Leis Trabazo, Mercedes Gil Campos, Jose Manuel Jurado Castro
- LBP3.01** **Body Composition Changes in Adolescents with Obesity under Glucagon-Like Peptide-1 (GLP-1) Analogue Treatment**
Adar Lopez, Ophir Borger, Yael Issan, Hagar Interator, Erez Azoulay, Hadar Moran Lev, Ronit Lubetzky, Yael Lebenthal, Avivit Brenner
- LBP3.02** **Impact of Weight Status on Sleep Heart Rate Variability and Quality of Life in Children with Obstructive Sleep Apnea**
Li-Ang Lee, Hai Hua Chuang, Hsueh-Yu Li
- LBP3.03** **Dietary Inflammation Score and Obesity Phenotypes in Children and Adolescents**
Parmis Mirzaei, Ali Nikparast, Maryam Razavi, Pejman Rohani, Golaleh Asghari
- LBP3.04** **Epigenetic signatures in saliva of offspring from mothers with Gestational Diabetes: longitudinal associations with early growth**
Luz Pino Ariza, Teresa Linares Pineda, Alfonso Lendínez Jurado, Alberto Piserra López, María Suárez Arana, María Pozo, María Molina Vega, María José Picón César, José Ignacio Martínez Montoro, Sonsoles Morcillo
- LBP3.05** **Co-Creation of Digital Health Interventions with Children: Initial Results of the Multi-Country Workshop in the BIO-STREAMS Project**
Izidor Mlakar, Urška Smrke, Ana Rehberger, Evangelia Charmandari, Penio Kassari, Alexandra Karachaliou, Martin Bigec, Amela Bander, Billy Langlet, Caroline Gernay, Zheshen Jiang, Giada Martello, Svetlin Hansov, Marianna Panagiotidou, Ioannis Kakkos, Athanasios Anastasiou, Eszter Salamon, Rosa Doran, Sara Anjos, Dimitra Lambrou, Andreea Ciudin, Eleni I. I. Georga, Dimitrios I. I. Fotiadis, Marios Prasinos
- LBP3.06** **Mediterranean diet adherence, sleep adequacy and obesity prevalence among students in remote areas of Greece: A cross-sectional study**
Maria Maraki, Aikaterini Kanta, Theano Vasiliou, Elisavet Kyritsi, Panagiotis Koulouvaris
- LBP3.07** **Harms Reporting in Pharmacological Randomized Controlled Trials in Children and Adolescents with Obesity: A Systematic Review**
Martha Pietrasik, Madinah Kawish, Hector Silva, Sabrina Sacco, Kimmerly Carrière, Gita Wahi, Geoff Ball, Bradley Johnston, Roah Merdad, Hiba Jebeile, Diana Sherifali, Donna Fitzpatrick Lewis, Muhammad Usman Ali, Katherine M. Morrison, Angela Alberga
- LBP3.08** **Exploring the Impact of Body Mass Index on Health-Related Quality of Life, Fitness, and Stress in European Youth: The RYHEALTH Project**
Sonia Ortega-Gómez, Cristina Cadenas-Sanchez, Ruben Aragon-Martin, Jostin Alfaro Fernández, Paulo Nobre, Maria João Campos, Paula Tavares, Ana Carbonell-Baeza, David Jiménez-Pavón
- LBP3.09** **Prevalence of eating disorders in children and adolescents with obesity: A systematic review and meta-analysis**
Sara Mehmood Birchall Shah, Selma Overland Lie, Amalie Egeberg Moger, Sunaina Jassal Skogli, Petur B. Juliusson, Are Hugo Pripp, Anette Ramm Pettersen, Yngvild Sørrebø Danielsen
- LBP3.10** **Psycho-social Experience of Young People Treated with Tiraglutide for Weight Loss**
Caroline Steele, Ojal Jackson, Natasha Schaefer, Helen Robinson
- LBP3.11** **Pediatric Obesity Management in South Korea: A Nationwide Quantitative and Qualitative Study of Clinical Practices and Policy Awareness**
Yoon Lee, Minsoo Shin, Sochung Chung, Jahye Jung, Ah-Ram Sul, Yong Hee Hong
- LBP3.12** **Adipocytokines and PCOS in puberty age**
Maria Boyadzhieva, Sesil Kedikova
- LBP3.13** **The association of estimated 24-h urinary sodium excretion with body composition among primary school students: A cross sectional study in Dubai, United Arab Emirates**
Ola El Saleh, Marjo Riitta Jarvelin, Queenie Chan, Dalia Haroun, Omar Obeid
- LBP4.001** **Perirenal fat tissue and risk of chronic kidney disease (CKD) in patients with severe obesity**
Natasha Smiliansky, Giuliana Rath, Andrea Vaucher, Gabriela Otatti, Oscar Noboa, Sofia San Roman, Gustavo Bruno

GUIDED POSTERS

- LBP4.002** **Behavioral Improvement after Weighted Blanket Usage in Patients with Prader-Willi Syndrome**
Rocio Pareja, Alex Moreno Armengol, Alba Hernández Lázaro, Laia Casamitjana Espuña, Ramon Coronas, Marisol Matamoros, Olga Giménez-Palop, Laura Blanco Hinojo, Susanna Esteba Castillo, Assumpta Caixàs
- LBP4.003** **One-year follow-up of skeletal muscle function after a 12-week time-restricted eating and resistance training intervention in postmenopausal women with obesity: EMPOWER trial preliminary findings**
Victor Manuel Alfaro Magallanes, Maria Medrano, Jon Echarte, Claudia Izquierdo, Maddi Osés, Unai Azcarate, Ibai Olabe, Mikel Markotegi, Idoia Labayen
- LBP4.004** **Obesity Accelerates Age-related Metabolic Decline: Implications for Inflammation, Mitochondrial Dysfunction and Sarcopenia**
Fabiano Cimmino, Lidia Petrella, Gina Cavaliere, Mariarosaria Negri, Cristina Chiacchio, Barbara Paolini, Carmela Bagnato, Angela Catapano, Giovanna Trinchese, Maria Pina Mollica
- LBP4.006** **Characterization of 0839 – a tool compound for pre-clinical mode-of-action studies of amylin analogues such as cagrilintide**
Sanaz Gabery, Tine Glendorf, Borja Ballarin Gonzalez, Kent Petersen, Thomas Kruse, Kirsten Raun, Rune Ehrenreich Kuhre
- LBP4.007** **Evaluation of the quality of life after bariatric surgery in people with obesity**
Duygu Acan, Volkan Demirhan Yumuk
- LBP4.008** **Factors Associated with Treatment Discontinuation of Semaglutide in Obesity Management: Insights from a Real-World Study with Pre-Treatment Digital Platform Completion**
Jean-baptiste Bonnet, Sarah Tournayre, Jean Anitcheou, Vincent Attalin, Catherine Boegner, Dominique Jullien, Camille Le Rouzic, Marion Faivre, Myzia Justine, Youadigue Kemba, Ariane Sultan, Antoine Avignon
- LBP4.009** **Sustained Weight Reduction Following a 12-Week Time-Restricted Eating Intervention in Adults with Overweight or Obesity: a 12-Month Follow-up of a Randomised Controlled Trial**
Alba Camacho-Cardenosa, Elisa Merchán Ramírez, Antonio Clavero-Jimeno, Francisco J. Amaro-Gahete, Manuel Muñoz-Torres, Idoia Labayen, Jonatan R Ruiz, Manuel Dote-Montero
- LBP4.010** **Glucagon-Like Peptide-1 Receptor Agonists in Post-Bariatric Hypoglycemia: A Retrospective Chart Review**
Marianne Riordan, Anastasia Amaro
- LBP4.011** **Enhancing obesity treatment and care with Digital Therapeutics - a 12-week randomized control trial**
Maria Arlén Larsen, Marthe Isaksen Aukan
- LBP4.012** **Novel FGF1 analogue M43 reduces body weight and increases metabolic activity of brown adipose tissue in Zucker Diabetic Fatty (ZDF) rats**
Marcin Wołosiewicz, Tomasz Jaworski, Ewa Świdzka, Varvara Vialichka, Michał Janiszewski, Ewa Nowosielska, Emilia Mróz, Małgorzata Choroś, Diana Papiernik, Magdalena Wyżlic, Michał Krystosik, Joanna Hucz Kalitowska, Beata Pamuła, Małgorzata Marczak, Olga Abramczyk, Aleksandra Anna Czyrek, Daniel Krowarsch, Małgorzata Zakrzewska, Jacek Otlewski, Maciej Wieczorek
- LBP4.013** **The real-world relationship between fixed-dose, extended-release naltrexone and bupropion treatment and weight loss in Canada: A retrospective chart review**
Sean Nicholas Wharton, Elham Kamran, Lehana Thabane, Peter Yin
- LBP4.014** **Applicability of Obesity Clinical Practice Guidelines in Low- and Middle-Income Countries**
Shelley Zieroth, Shelley Zieroth, Clara Inés Saldarriaga Giraldo, Fausto Pinto, Stefan D. Anker, William T. Abraham, John J. Atherton, Javed Butler, Vijay Chopra, Andrew J.s. Coats, Veronica Dean, Jose Luis Zamorano, Yuhui Zhang, Richard B. Weiskopf, Yann Colardelle
- LBP4.015** **Increasing maternal BMI before pregnancy significantly influences growth trajectories of children to 8-10 years of age**
Jodie Dodd, Andrea Deussen, Megan Mitchell, Jennie Louise
- LBP4.016** **The effect of amycretin, a unimolecular glucagon-like peptide-1 and amylin receptor agonist, on body weight and metabolic dysfunction in mice and rats**
Rune Ehrenreich Kuhre, Borja Ballarin González, Christian Lehn Brand, Tine Glendorf, Kim Grimstrup Madsen, Karina Rahr Hjøllund, Wouter Frederik Johan Hogendorf, David Højland Ipsen, Sofia Lundh, Thomas Kruse, Signe Beck Petersen, Anna Secher, Andreas Vegge, Kirsten Raun

GUIDED POSTERS

- LBP4.017** **Biological Age Biomarkers as Predictors of Long-Term Outcomes Following Metabolic Bariatric Surgery**
Alicja Dudek, Karol Ciszek, Piotr Tylec, Katarzyna Cyranka, Barbara Zapala, Piotr Major
- LBP4.018** **Real-world data on the effectiveness of liraglutide (Saxenda) and naltrexone/bupropion (Mysimba) on weight loss outcomes up to 2 years in clinical practice**
Laura Heusschen, Noël Thuis, Arianne van Bon, Sean Roerink, Ruth Ekhart, Laura de Wild, Eric Hazebroek
- LBP4.020** **Accuracy of AI-Based Calorie Estimation: A Comparison of GPT-4o and Gemini Advanced in Different Eating Contexts**
Nicola Tecce, Anna Pelosi, Annamaria Colao
- LBP4.021** **Effects of a mindfulness and self-compassion protocol combined with lifestyle-based nutritional guidance on eating behavior in patients with obesity and anxiety**
Gabriela Rocha Dos Santos, Natasha Kim De Oliveira Da Fonseca, Gabrielle Terezinha Fopa, Artur Zanelatto Santos, Gabriella Nunes Da Luz Morello, Carolina Blaya Dreher, Luciana Da Conceição Antunes, Bruna Boaventura, Gisele Gus Manfro
- LBP4.022** **Metabolic dysfunction-associated steatotic liver disease in type 1 diabetes: insights from a comparative study**
Virginia Bellido, Sandra Amuedo, Pablo Remón Ruiz, Carmen Roque Cuellar, Andrés Jiménez Sánchez, Noelia Gros Erguido, Gema López Gallardo, Ana Piñar Gutiérrez, Alfonso Soto Moreno
- LBP4.023** **The association between obesity and the type of spirometry pattern in Korean adult: Nationwide cross-sectional survey**
Jin-Wook Kim, Tae Sic Lee
- LBP4.024** **Is decreased muscle protein breakdown contributing to lean mass preservation during lifestyle intervention with protein supplementation in older adults with obesity and type 2 diabetes?**
Robert G Memelink, Elwin R Verheij, Wilrike J Pasman, Suzan Wopereis, Johan De Vogel Van Den Bosch, Sjors Verlaan, Peter J.m. Weijs

POSTER SESSION

POSTER SESSION

- PO1.011 Dietary shifts in China: the rise in consumption of fast-food meat products and their impacts on obesity and cancer risk**
Iftekhar Ali Khan, Asad Khan, Ming Huang
- PO1.012 Association between level of HbA1c and lipid profile in T2DM patients**
Ahmed Elgohari
- PO1.013 Evaluation of embryotoxicity and acute toxicity of trypsin inhibitor isolated from tamarind seeds: an anti-inflammatory and satietogenic protein**
Ana Heloneida De Araújo Morais, Ana Carolina Luchiari, Beatriz Silva Lopes, Maria Gabriela Ferreira Rocha Silva, Tatiana Dos Santos Pais, Christina Da Silva Camillo, Sérgio Adriane Bezerra De Moura, Juliana Kelly Da Silva Maia
- PO1.014 Adipose stem cells reduced their differentiation capacity after low intensity pulsed ultrasounds stimulation**
Támara Fernández Marcelo, Alba Calero, Beatriz De Lucas, Laura M. Pérez, Paulina Sury, Elena Quintana, Elisa Fernández Millán, Beatriz G. Gálvez
- PO1.015 Analysis of viral hepatitis cases in Brazilian regions from 2019 to 2022**
Raphaela Ronconi
- PO1.016 Oleoethanolamide attenuates cardio-renal damage secondary to obesity in mice: translational perspectives for cardiovascular-kidney-metabolic (CKM) syndrome**
Federica Comella, Stefania Melini, Alana Aragon Herrera, Nicola Opallo, Filomena Del Piano, Adriano Lama, Nicole Pia Navatti, Evaristo Di Napoli, Rosaria Meli, Francisca Lago Paz, Giuseppina Mattace Raso, Claudio Pirozzi
- PO1.017 Tauroursodeoxycholic acid (TUDCA) treatment mitigates hypothalamic inflammation and regulates food intake in a protein-restricted mice model**
Gabriela M Soares, Bruna L Alves, Kênia M de Oliveira, Joel A da Silva Junior, Lício A Velloso, Everardo M Carneiro
- PO1.018 The risk of chronic kidney disease in relation to anthropometric measures of obesity: a Swedish cohort study**
Ensieh Memarian, Peter M Nilsson, Isac Zia, Anders Christensson, Gunnar Engström
- PO1.019 Personalized dietary fibre mixtures based on in vitro microbial SCFA production reduce insulin resistance (HOMA-IR) in individuals with prediabetes and overweight/obesity**
Gillian Larik, Nouhaila Hamari, Mônica Maurer Sost, Colin van Kalker, Jens Juul Holst, Ellen Blaak, Emanuel Canfora
- PO1.020 DA-1241, a GPR119 agonist, ameliorates fatty liver through the upregulation of TFEB-mediated autophagy**
You Cheol Hwang, Jin Yoo, Ji Eun Jun, In Kyung Jeong, Kyu Jeung Ahn, Ho Yeon Chung
- PO1.021 MASLD and HFpEF: the upcoming worldwide tsunami**
Mona Hegazy
- PO1.022 Culinary Uses and Health Benefits of Nettle in Türkiye**
Osman Güldemir, Doğa Eroğlu
- PO1.023 Differential behavior between carotid and femoral territories in Metabolic Dysfunction-Associated Steatotic Liver Disease (MASLD) patients: association with disease severity**
Josep León Mengibar, Marcelino Bermúdez López, José Manuel Valdivielso, Cristina Farràs Sallés, Reinald Pamplona, Ferran Barbé, Dídac Mauricio, Eva Castro, Elvira Fernández, Marta Hernández, Carolina López Cano, Ferran Rius, Albert Lecube
- PO1.024 Aging and MASLD severity; exploring impact of sex differences**
Mona Hegazy, Ahmed Abdelghani, Omar Ashoush, Mona Fathy, Samar Saad, Dalia Abdelfatah
- PO1.025 Ellagic acid decreases miRNAs and mRNA overexpression involved in Fto, Tnf-Nfkb-Nlrp3 inflammasome pathway in adipose tissue and liver of diet-induced obese rats with Non-Alcoholic Fatty Liver Disease (NAFLD)**
Antonio Ávila Guerrero, Ángel Miliar García, Jorge Cornejo-Garrido, María Delosangeles Martínez Godínez, María Eugenia Jaramillo Flores, Aarón Domínguez López
- PO1.026 Association metabolic dysfunction-associated liver disease and obesity with newly diagnosed type 2 diabetes and arterial hypertension**
Ilona Rudniewa

POSTER SESSION

- PO1.027** **Natural selection signatures of syndromic and monogenic obesity genes do not support the thrifty genotype hypothesis**
Sandra El Kouche, David Meyre
- PO1.028** **The role of Probiotics in the treatment of Obesity and Prediabetes**
Natia Katamadze
- PO1.029** **Branched-chain fatty acids 12-methylmyristic and 13-methylmyristic are altered in patients with severe obesity and MASLD and exert a protective role against lipotoxicity**
María Angeles Nuñez Sanchez, Sara Rico Chazarra, Alba Oliva Bolarin, Maria Antonia Martinez Sanchez, Andrés Balaguer Román, Paula Martínez Pérez Munar, Lorenzo Giovannini, Inmaculada Ros Madrid, Virginia Esperanza Fernández Ruiz, Mercedes Ferrer Gómez, CARLOS MANUEL MARTINEZ, Antonio José Ruiz-Alcaraz, Adriana Mika, María Dolores Frutos Bernal, Bruno Ramos-Molina
- PO1.030** **Premature Aging and its Association with Comorbidities in Patients**
Valeriia Dolgushina, Yana Nikitina, Denis Deev, Boris Pinkhasov, Vera Selyatskaya
- PO1.031** **Glycemia variability in men with different chronotypes**
Valeriia Dolgushina, Maxim Sorokin, Boris Pinkhasov, Vera Selyatskaya, Denis Deev, Yana Nikitina
- PO1.032** **Consumption of high-fat diet impairs the cholinergic anti-inflammatory system and tight junctions proteins in dextran sulfate sodium (DSS)-induced colitis in mice**
Marcio Alberto Torsoni, Wenicios Ferreira Chaves, Suleyma Oliveira Costa, Priscila Karla Fernande Lopes, Adriana Souza Torsoni, Caroline Lobo Costa
- PO1.033** **Tirzepatide and acute exercise have synergistic effects on NAFLD by anti-inflammation**
Boyeon Kim, Jae Hyuk Lee
- PO1.034** **Device-measured physical activity and sedentary time are associated with brain responses to visual food cues in adults**
Abdulrahman M Dera, Elanor C Hinton, Rachel L Batterham, Melanie J Davies, James A King, Masashi Miyashita, Paul S Morgan, Dimitris Papamargaritis, Julie Thompson, David J Stensel, Alice E Thackray
- PO1.035** **An ALK7 siRNA developed by SiranBio adipose delivery platform showed excellent activity and safety profile in pre-clinical studies**
Zhiwei Yang, Ping Chen, Nan Liu, Yan Zhu, Hui Chen
- PO1.036** **The Clinical utility of polygenic risk scores: insights from an obesity cohort**
Jorrit Van Uhm, Niels Vos, Wenneke Van Weelden, Elianne P Bulthuis, Lotte Kleinendorst, Janneke Nijman, Daoud Sie, Erik Sijstermans, Marcel M A M Mannens, Erica L T Van Den Akker, Elisabeth F C Van Rossum, Philip R Jansen, Mieke M Van Haelst
- PO1.037** **SEX DIFFERENCES IN CATECHOLAMINE INDUCED FAT CELL LIPOLYSIS**
Peter Arner, Daniel Andersson
- PO1.038** **Target tissue specific insulin resistance in patients with juvenile or adult onset obesity**
Alexander Zadruzy, Peter Arner, Daniel Peter Andersson
- PO1.039** **Alterations in intestinal permeability and integrity markers in the offspring of dams consuming a high-fat diet are dependent of the alpha-7 nicotinic acetylcholine receptor**
Lais Simino, Mayara da Nóbrega Baqueiro, João Paulo Costa, Caroline Lobo Costa, Marcio Torsoni, Adriana Torsoni
- PO1.040** **Abdominal Subcutaneous Adipose Tissue Thickness and the Impact on Disease and Anthropometric Factors**
Marijola Thanaj, Nicolas Bast, Brandon Whitcher, Jimmy D. Bell, E. Louise Thomas
- PO1.041** **Kidney Adiposity and Health: Insights from MRI-derived Fat Measures at a Population Scale**
Marijola Thanaj, Nicolas Bast, Catherine Lovegrove, Sarah Howels, Brandon Whitcher, Jimmy D. Bell, E. Louise Thomas
- PO1.042** **Lymphocytic phenotyping "CD4 & CD8" mapping the immune interplay of obesity, and MASLD severity**
Mona Hegazy, Mona Fathy, Sawzan Abd El Moniem, Ahmed Omar Ahmed Abdelghani, Osama Sakr, Omar Ahmed, Fatma Abozeid, Samar Saad
- PO1.043** **Bioelectrical impedance analysis and physical performance in older Icelandic adults**
Alfons Rameil

POSTER SESSION

- PO1.044** **Short physical performance battery and body composition in older Icelandic adults**
Alfons Ramel
- PO1.045** **Estimates of body fat and risk of falls in older prefrail Icelandic adults**
Alfons Ramel
- PO1.046** **Differential FNDC5 expression and mitochondrial adaptations in white and brown adipose tissue in response to cold and obesity**
Gabriela Neira, Ana Wenting Hernández Pardos, Sara Becerril, Beatriz Ramírez, Víctor Valentí, Rafael Moncada, Victoria Catalan, Javier Gomez-Ambrosi, María Ángela Burrell, Camilo Silva, Javier Escalada, Gema Frühbeck, Amaia Rodríguez
- PO1.047** **Dietary Restriction of Individual Branched-Chain Amino Acids Modulates Body Composition and Energy Metabolism in a Distinct Manner**
Omar Obeid, Loyal Jaafar, Nathalie Soucs, Hashem Shehade, Wassim Abou Kheir
- PO1.048** **Increased chaperone-mediated autophagy in adipose tissue of individuals with obesity: a novel contributor to adipose dysfunction in obesity**
Carla Franco-Bordés, Francisco Javier Godoy-Nieto, José Manuel Fernández-Real, Amaia Rodríguez, Gema Frühbeck, María Del Mar Malagón, Laura Herrero, David Sánchez-Infantes, Marta Giral, Francesc Villarroya, Rubén Cereijo, Joan Villarroya
- PO1.049** **Transient receptor potential vanilloid 1 (TRPV1) channel in the regulation of food intake**
Julia Santos Braulino, Cristhian David Sua-Céspedes, Leticia Menezes Vasconcelos, Giovanna Zanetti, Miriane Avelino Silva, José Thalles Lacerda, Ana Maria L Castrucci
- PO1.050** **Blood urea nitrogen and abdominal adipose tissue adipocyte hypertrophy in bariatric surgery candidates**
Andre Tchernof, Eve Grenier, Lou Ann Ruel, Frederic Pouliot, Melanie Nadeau, Fannie Lajeunesse Trempe, Laurent Biertho
- PO1.051** **1. Preventive Effects of Silver Sulfadiazine on DEX-Induced Atrophy of C2C12 Myotubes through HDAC4 Inhibition**
Kwan-Woo Lee, Tae Ho Kim, Youngho Son, Youngha Kim, Sunge Choi, Ja Young Jeon, Seung Jin Han, Hae Jin Kim, Dae Jung Kim, Nami Lee
- PO1.052** **NLRP1 induction in metabolic dysfunction associated steatohepatitis is mediated by palmitic acid**
María Ángeles Núñez Sánchez, Miriam Pinilla, Eulalia Campos Baños, Elena Martínez Balsalobre, María Antonia Martínez Sanchez, Alba Oliva Bolarín, Sara Rico Chazarra, Antonio José Ruiz-Alcaraz, CARLOS MANUEL MARTINEZ, Adriana Mika, María Dolores Frutos Bernal, Bruno Ramos-Molina, Ana Belen Perez Oliva
- PO1.053** **HDAC3 inhibitor alleviates diabetic skeletal muscle atrophy by decreasing myostatin**
Tae Ho Kim, Youngho Son, Youngha Kim, Sung E Choi, Ja Young Jeon, Seung Jin Han, Hae Jin Kim, Nami Lee, Dae Jung Kim, Kwan-Woo Lee
- PO1.054** **Central inhibition of Kinase Protein regulates energy balance and glucose metabolism**
Eva Prida García, Diego Muñoz Moreno, Laura Díaz Garzón, Eva María Novoa Deaño, Támara Parracho Martínez, Raquel Pérez Lois, Miguel Bascoy Otero, Ruben Nogueiras, Luisa Seoane, Mar Quiñones, Omar Al-Massadi
- PO1.055** **The role of leptin and GPx4 in adipogenesis: Their interconnection and dynamics in the 3T3-L1 cell line model**
Dunja Igrec, Anita Matic, Marina Covic, Nikola Volarić, Jelena Jakab, Martina Smolić, Aleksandar Vcev
- PO1.056** **Reduced liver expression of Prodh1 (proline dehydrogenase 1) gene promotes hyperprolinemia and predisposes to hepatic triglyceride accumulation in the rat**
Miroslava Simakova, Petr Mlejnek, Jan Silhavy, Tomas Cajka, Robert Williams, Michal Pravenec
- PO1.057** **Effects of nuts intake on neurodegeneration in APPSwe/PS1dE9 and wild type C57BL/6J mice**
Laura Panisello Melo, Javier Mateu-Fabregat, Nil Novau Ferré, Xavier Escoté, Mónica Bulló
- PO1.058** **Elucidation of the signaling pathways and function of GPR101 in obesity**
Claudia Abboud, Dayana Abboud, Julien Hanson
- PO1.059** **Impact of different meal types and macronutrients on circulating FGF21 and appetite in humans: a systematic review and meta-analysis of randomized trials**
Trine Spragge Eklund, Linnea Rydell, Stina Ramne, Tue Helms Andersen, Louise Groth Grunnet, Anne Raben, Jonas Salling Quist

POSTER SESSION

Effects of Flavonoid and Fiber-Enriched Diets in Combination with GLP-1 Analogue Therapy on Metabolic Syndrome and Type 2 Diabetes: A Gender-Based Analysis

PO1.060 *Alessia Tammaro, Beatrice Scazzocchio, Rosaria Vari, Valentina Monteleone, Benedetta Russo, Fabiana Picconi, Caterina Fanali, Marika Menduni, Ilaria Simonelli, Giulia Zanchi, Manuela Del Cornò, Barbara Varano, Lucia Conti, Annalisa Silenzi, Beatrice Scazzocchio*

Acetamidiprid's impact on obesity: exploring mechanisms and gender differences

PO1.061 *Alessia Tammaro, Beatrice Scazzocchio, Rosaria Vari, Carmela Santangelo, Valentina Monteleone, Giulia Zanchi, Niccolò Petrucciani, Gabriella Distefano, Gianfranco Silecchia, Massimo D'archivio*

Identification of new metabolic targets in prolonged breastfeeding

PO1.062 *Raquel Pérez Lois, Miguel Bascoy Otero, María Villalon, Verónica Lorena Peña León, Silvia Barja-Fernández, Cintia Folgueira, Alejandro Fuentes-Iglesias, Yara Souto, Eva Prida García, Diego Muñoz Moreno, Mar Quiñones, Sulay Tovar, Omar Al-Massadi, Susana Belén Bravo Lopez, María Luz Couce, Diana Guallar, Miguel Fidalgo, Ruben Nogueiras, Luisa María Seoane*

Key genes implicated in the subcutaneous adipose tissue remodeling after bariatric surgery

PO1.063 *Ester Martínez Negro, Pablo Fernández García, Sagrario Martínez Cortijo, Mariano Álvarez Antolinez, Daniela Rodríguez Marín, Inmaculada Mora Jiménez, Laura Teresa Martínez Marquina, Cristina Soguero Ruiz, Patricia Corrales Cordón, David Sánchez-Infantes*

HMG-CoA reductase inhibitor lead to fibro-adipogenic progenitor differentiation

PO1.065 *Soon Jib Yoo, Oak Kee Hong, Gyu Dong Kim, Ji Hoon Kim, Jang Won Son*

The Impact of Dietary Restriction of Individual Branched Chain Amino Acids on Their Plasma Levels in Rats

PO1.066 *Nathalie Souss, Loyal Jaafar, Razan Zein Eddine, Omar Obeid*

Dietary Restriction of Isoleucine, but not Leucine or Valine, Induced Anxiety-Like Behavior in Rats

PO1.067 *Loyal Jaafar, Hashem Shehade, Lama Hachem, Nathalie Sous, Carine Kanaan, Omar Obeid, Wassim Abou Kheir*

Cd36 regulates hepatic concentrations of ceramides and very long chain fatty acids: Correlations with blood pressure and lipolysis

PO1.068 *Petr Mlejnek, Miroslava Simakova, Jan Silhavy, Tomas Cajka, Robert W. Williams, Michal Pravenec*

Mechanical forces induce PIEZO1 upregulation and inflammation in visceral adipose tissue in obesity

PO1.069 *Victoria Catalán, Javier Gómez Ambrosi, Beatriz Ramírez, Xabier Unamuno, Sara Becerril, Amaia Rodríguez, Jorge Baixauli, Gabriel Reina, Laura Salmón, Ana Sancho, Camilo Silva, Javier A. Cienfuegos, Gema Frühbeck*

FIBROBESITY – Preventing Fibrosis Related to Obesity

PO1.070 *Ritva Saastamoinen, Essi Erkkilä, Juhani Junttila, Reetta Hinttala*

Vasorin modulates adipogenesis and metabolism in human adipocytes

PO1.071 *Jose Antonio Nuñez-Sánchez, Rocio Moreno Cañadas, Marco Brandimonte-Hernández, Augusto Anguita-Ruiz, Siegfried Ussar, Concepción M. Aguilera, Francisco Javier Ruiz Ojeda*

Serum myostatin in children with Prader-Willi syndrome

PO1.072 *Joanna Gajewska, Magdalena Chełchowska, Witold Klemarczyk, Małgorzata Strucińska, Jadwiga Ambroszkiewicz*

Protocol Abstract: Magnetic resonance quantified visceral adipose tissue, intra-hepatic fat, and cancer risk: A UK Biobank Study

PO1.073 *Lee Malcomson, Michelle Harvie, Matthew Sperrin, Emma J Crosbie, Andrew G Renehan*

Early-life dietary galactose decreases proximal small intestinal fatty acid oxidation while enhancing systemic fatty acid oxidation in fed post-weaning female mice

PO1.074 *Ferran S. Fos Codoner, Jaap Keijer, Melissa Bekkenkamp Grovenstein, Evert M. van Schothorst*

LATS kinase silencing impairs brown adipocyte thermogenic activity

PO1.075 *Alzbeta Jancovicova, Roman Urminsky, Natalia Palesova, Livia Petriskova, Peter Makovicky, Lucia Balazova, Christian Wolfrum, Miroslav Balaz*

POSTER SESSION

- PO1.076** **One Anastomosis Mini-Gastric Bypass Decreases Desacyl Ghrelin and Improves Metabolic Profile in Rats with Diet-Induced Obesity**
Carlota Tuero, Amaia Rodríguez, Beatriz Ramírez, Victoria Catalán, Javier Álvarez Cienfuegos, Javier Gómez Ambrosi, Victor Valenti, Rafael Moncada, Gema Frühbeck, Sara Beceril
- PO1.077** **MiR-494: A Molecular Link Between Exercise and Mitochondrial Biogenesis in Skeletal Muscle**
Natalia Palesova, Klara Gabrisova, Patrik Krumpolec, Zuzana Kovanicova, Jana Komarova, Timea Kurdiova, Salvatore Modica, Christian Wolfrum, Jozef Ukropec, Barbara Ukropcova, Miroslav Balaz
- PO1.078** **Beta-hydroxybutyrate reduces body weight by modulating fatty acid oxidation and thermogenesis in the subcutaneous adipose tissue of DIO mice**
Violeta Heras Domínguez, Virginia Mela Rivas, María José García López, Elena Rojano Rivera, Guillermo Paz López, Isabel Moreno Indias, Francisco José Tinahones Madueño
- PO1.079** **Osteosarcopenic Adiposity in Postmenopausal Patients with Breast Cancer on Adjuvant Endocrine Therapy**
Vesna Vucic, Biljana Pokimica, Snježana Petrović, Milena Zuza Prastalo, Milica Kojadinovic, Aleksandra Arsic, Danijela Ristic-Medic
- PO1.080** **Characterisation of peptide agonists' binding affinity and kinetics at amylin receptors**
Milena A Malcharek, Abigail Pearce, Sivaneswary Genapathy, Cheryl A Brighton, David C Hornigold, Graham Ladds
- PO1.081** **Time-restricted feeding improves metabolic parameters and restores circulating corticosterone's circadian rhythm in male mice fed a high-fat high-sucrose diet**
María Del Mar Romero, Mar Grasa, Jiahui Zhang, Laura Molar, Ana Corral, Shrestha Mohopatra, Siyu Li, Lonardo Ortega, Romaissa Tafat, Agustina Creus, Marijana Todorovic, David Sebastián, Laura Herrero
- PO1.082** **Modeling pediatric obesity by developing in vitro adipogenesis using MSCs from pediatric subcutaneous adipose tissue**
Clarissa Berardo, Marko Dardi, Maxime Bonnet, Valeria Calcaterra, Gloria Pelizzo, Gianvincenzo Zuccotti, Stephana Carelli, Cristina Cereda
- PO1.083** **Resistance training improves pancreatic beta-cell function via a metabolite released in the bloodstream**
Gabriela Alves Bronczek, Gabriela Moreira Soares, Joel Alves Da Silva Júnior, Antonio Carlos Boschero
- PO1.084** **A Metabolomic Signature of Maternal BMI is Associated with Pregnancy Complications: Insights from the COPSAC2010 and VDAART Mother-Child Cohorts**
David Horner, Rebecca Vinding, Tingting Wang, Mina Ali, Mario Lovric, Jessica Lacky Su, Klaus Bønnelykke, Nicole Prince, Jakob Stokholm, Bo Chawes, Morten Ardent Rasmussen
- PO1.085** **Influence of fibrosis on adipose miRNA secretome: an untargeted analysis**
Mercedes Clemente Postigo, María González, Carmen Tercero Alcazar, Rocio Guzmán Ruiz, Francisco J Tinahones, María M Malagón
- PO1.087** **Transgenerational Inheritance of Obesity Phenotypes: Insights from Small Non-Coding RNAs**
Marta Mourin Fernandez, Flavio Palmieri, Josep C Jimenez Chillaron
- PO1.088** **Intra- and inter-observer reliability for the assessment of upper leg skeletal muscle and subcutaneous fat using ultrasound in individuals with severe obesity**
Raiane Lira Freitas Brasil, Tatiana Almeida De Moraes Campos, Flávia Fioruci Bezerra
- PO1.089** **Discovering HC-11074: an orally active non-peptide GLP-1R agonist for obesity**
Jing Li, Hongwei Yuan, Lei Fan, Fei Wang, Hua Yu, Zeyu Wen, Xi Xiang, Xinghai Li
- PO1.090** **Comparative Effects of Aerobic Exercise and Vibration Training on Metabolic Dysfunction and Thermogenic Fat Gene Expression in High-Fat Diet-Induced Obese Mice**
Tzu-Jung Chou, Chia Wen Lu, Chi Chang Huang, Kuo Chin Huang
- PO1.091** **Epigenetic regulation of adipose tissue during pregnancy in an obese and gestational diabetes mellitus context**
Patricia Corrales, Gemma Llauredó, Pablo Fernández García, Nerea Vilanova, Mónica Ballesteros, David Sánchez Infantes, Ana Megía, Gema Medina Gómez

POSTER SESSION

- PO1.092** **In-utero exposure to fructose containing sugars increases cardiac enlargement risk in C57BL6 mice offspring, regardless of postnatal diet**
Sophie Lucie Fisher, Hannah Parker, Michael Rahman, Bailey McIntosh, Amanda Brandon, Samantha Solon Biet, John O'sullivan, Kim Bell Anderson, Yen Chin Koay
- PO1.093** **Sex-Specific Effects of Peptidyl Arginine Deiminase 4 Deficiency in the Cafeteria Diet-Induced Obesity-Associated Metabolic Complications**
Andrej Feješ, Emil Bečka, Ivana Feješ Slívková, Kristína Macáková, Olga Uličná, Zuzana Rausová, Emoke Šteňová, Michal Pastorek, Peter Celec, Roman Gardlík, Veronika Borbélyová
- PO1.094** **Postpartum adiposity is correlated with circulating proteins linked to cardiovascular disease in young South African women living with and without HIV**
Hlengiwe P Madlala, Junyu Chen, Landon Myer, Jennifer Jao, Amy E Mendham, Demi Meyer, Carmen Pheiffer, Liam Bell, Lara Dugas, Julia H Goedecke, Yan V Sun, Angela M Bengtson
- PO1.095** **Exposure to fructose-rich diet alters the offspring physiology promoting the development of cardiometabolic dysfunction later in life**
Michael Bahman, Sophie Lucie Fisher, John O'sullivan, Xiaosuo Wang, Yen Chin Koay
- PO1.096** **The association of cardiorespiratory fitness with non-invasive markers of hepatic steatosis and fibrosis: a cross-sectional study of 39,009 UK adults**
Scott A Willis, Kevin Deighton, Christopher Goodwin, Daniel J Cuthbertson, Jonathan G Stine, Shelley E Keating, Christopher J Pugh, Gael Ennequin, David J Stensel, Guruprasad P Aithal, James A King
- PO1.097** **BACH1 promotes endoplasmic reticulum stress to aggravate lipid deposition in metabolic dysfunction-associated steatotic liver disease**
Zhiping Wan, Fengjuan Chen, Xiaoquan Liu, Xiaoman Chen, Hong Deng, Qingxian Cai
- PO1.098** **The frequency of insulin resistance in women with polycystic ovary syndrome (PCOS) depends on the diagnostic methodology**
Aleksandra Buczek-Kutermak, Aleksander Jerzy Owczarek, Wójtowicz Mariusz Kazimierz, Jerzy Chudek, Paweł Madej, Magdalena Olszanecka-Glinianowicz
- PO1.099** **Can we improve the diagnosis of obesity in women with polycystic ovary syndrome (PCOS) with other than BMI methods?**
Marta Kochanowicz, Aleksander Jerzy Owczarek, Mariusz Kazimierz Wójtowicz, Jerzy Chudek, Paweł Madej, Magdalena Olszanecka-Glinianowicz
- PO1.100** **The cut-off value for triglyceride-glucose- waist circumference index (TyG-WC) discriminating the insulin resistance based on the SHBG level and HOMA-IR values in women with polycystic ovary syndrome**
Mariusz Wójtowicz, Marta Kochanowicz, Aleksander Jerzy Owczarek, Mariusz Kazimierz Wójtowicz, Paweł Madej, Jerzy Chudek, Magdalena Olszanecka-Glinianowicz
- PO1.101** **Mapping alterations in the local synchrony of the cerebral cortex in Prader Willi syndrome**
Alex Moreno Armengol, Laura Blanco Hinojo, Jesus Pujol, Gerard Martínez-Vilavella, Olga Giménez-Palop, Laia Casamitjana Espuña, Jesus Cobo, Ramon Coronas, Rocio Pareja, Susanna Esteba Castillo, Joan Deus, Assumpta Caixàs
- PO1.102** **Spotlight on the Effects of Incretin-Based Therapies on Metabolic and Muscular Homeostasis: A Comparative Study of GLP-1, GIPR, and GCGR Multi-Target Agonists**
Lei Xu, Hao Qi, Xinghao Jiang, Zhili Zhao, Fugang Li, Ying Li
- PO1.103** **Circulating cell-free DNA in obesity**
Alessio Pollastri, Luise Müller, Samantha Aurich, Stephan Bernhart, Anne Hoffmann, Tobias Hagemann, Knut Krohn, Adhiteb Ghosh, Falko Noé, Christian Wolfrum, Imke Schamarek, Kerstin Rohde Zimmermann, Matthias Blüher, Peter Kovacs, Maria Keller
- PO1.104** **Adaptations of human brown adipose tissue to caloric restriction: Rationale, design and methodology of the BATON study**
Mariana Esparza Palencia, Emilia Iuli, Elisa Merchan Ramirez, Angela Redondo Armentero, Rocio Sanchez Sanchez, Angel Ramirez Navarro, Encarnacion Yolanda Garcia Rivero, Jose Manuel Llamas Elvira, Amira Alkourdi Martinez, Clara Eugenia Chamorro Santos, Luis Carlos Lopez Garcia, Enrica Oliveri, Maria Tomas Garcia, Manel Muñoz Torrez, Maria Del Carmen Andreo López, Francisco J. Amaro Gahete, Guillermo Sanchez Delgado

POSTER SESSION

- PO1.105 Study of the interaction between probiotics, lipid metabolism, and microbiota in postprandial states**
Lucía Aránega Martín, Daniel Castellano Castillo, Lidia Sánchez Alcoholido, Isaac Plaza Andrades, María Isabel Queipo Ortuño, Fernando Cardona
- PO1.106 Targeting MC4R with Setmelanotide Reduces Body Weight and Improves Metabolic Parameters in a Diet-Induced Obesity Mouse Model**
Lida Zhu, Ying Li, Fugang Li
- PO1.107 Targeting the CB1 Receptor for Enhanced Obesity Management: Efficacy Comparison of Rimonabant and GLP-1 Receptor Agonist in Diet-Induced Obesity**
Lida Zhu, Yang Chen, Fugang Li, Ying Li
- PO1.108 A novel and unexpected key role for claudin-1 in brown adipose tissue thermogenesis and energy metabolism**
Pablo Fernández-García, Alberto Mestres-Arenas, Aleix Gavalda-Navarro, Rubén Cereijo, María Galán, Jacqueline M. Stephens, Manuel Ros, Gema Medina-Gomez, Francesc Villarroya, Patricia Corrales, David Sánchez-Infantes
- PO1.109 Exploring Plasma Lipidomic Changes and LDL Cholesterol Modulation in Gastric Bypass vs. Sleeve Gastrectomy**
David Benaiges, Aleix Sala Vila, Juan Pedro Botet, Albert Goday, Anna Casajoana, Belen Deza, Miguel Olano, Mar Gasso, Carme Serra, Montserrat Villatoro, Iolanda Lázaro, Pau Nebot, Óscar Pozo
- PO1.110 Sex-specific effects of TGFβ3 on mitochondrial function and lipid metabolism in the development of kidney damage**
Javier Vicente Gutiérrez, Marta García Arévalo, Patricia Corrales, Borja Lanzón, Marina Martín Taboada, María González Poza, Elia Escasany, Almudena García Carrasco, Elvira Pérez Marlasca, María Galán, Adriana Izquierdo Lahuerta, Rocio Vila Bedmar, Gema Medina Gómez
- PO1.111 Association of body composition parameters and surrogate markers of hip bone quality, in women with overweight or obesity**
Anca Sirbu, Elisabeta Malinici, Miruna Popa, Iulia Stoian, Sorina Martin, Carmen Barbu, Simona Fica
- PO1.112 Effects of prolonged lactation on adipin and its function at the hepatic level**
Miguel Bascoy Otero, Raquel Pérez Lois, María Villalón, Eva Prida Garcia, Diego Muñoz Moreno, Susana Belén Bravo Lopez, Olalla López-Suárez, María Luz Couce, Mar Quiñones, Omar Al-Massadi, Ruben Nogueiras, Luisa Seoane Camino
- PO1.113 Pinitol Improves Lipopolysaccharide-Induced Cellular Damages in Human Dermal Microvascular Endothelial Cells under High Glucose Conditions**
Dong Wook Shin, Min Young Go, Chae Young Jeon, Yunhoo Jo, Jinsick Kim
- PO1.114 Quercetin decreased steatosis by the inhibition of CYP450 on high-fat high-fructose diet-induced model**
Mercedes Uriyah Velazquez Romero, Ángel Miliar García, Aaron Domínguez Lopez, María Eugenia Jaramillo Flores, Jorge Cornejo Garrido
- PO1.115 Evaluation of the expression level of the microRNA miR-375 in patients living with type 2 diabetes in the department of Lambayeque, Peru**
Rut Elisabet Vara Custodio, Frankly Ivan Calderón Siesquen, Juan Víctor González A.
- PO1.116 Vitamin D influences cold-stimulated thermogenesis and body weight**
Eugene Chang, Ji Young Choi
- PO1.117 Body fat distribution pattern in proneness to sarcopenic obesity in young women of South Asian descent**
Abdul Dulloo, Vinaysingh Ramessur, Sadhna Hunma, Noorjehan Joonas, Bibi Nasreen Ramessur, Yves Schutz, Jean Pierre Montani
- PO1.118 Effects of N-acyl ethanolamines, alone or in combination, on mitochondrial bioenergetics altered by metabolic stress in adipocytes**
Nicole Pia Navatti, Stefania Melini, Federica Comella, Nicola Opallo, Filomena Del Piano, Giuseppina Mattace Raso, Claudio Pirozzi, Rosaria Meli
- PO1.119 Improved Bioavailability of Alpha-Lipoic Acid Through Cyclodextrin Complexation: A Potential for Enhanced Obesity Treatment**
Kristina Radić, Karolina Miljak, Mario Jug, Dubravka Vitali Čepo, Robert Vianello, Lucija Vrban

POSTER SESSION

- P01.120** **Assessing Perceived Stress and Glucocorticoid Dynamics in Healthy South Asian and Europid People**
Johanneke E Oosterman, Lisa B.D. Brinkman, Carlijn A. Hoekx, Robin Lengton, Borja Martinez Tellez, Patrick C.N. Rensen, Elisabeth F.C. van Rossum, Mariëtte R. Boon
- P01.121** **Intrauterine growth restriction impact in hepatic antioxidant enzymes in early adulthood**
Thais Antonio Jose Mutran, Amanda Paula Pedroso, Adriana Pereira De Souza, Diana Dias De Araújo, Artur Francisco Silva Neto, Valter Tadeu Boldarine, Lila Missae Oyama, Eliane Beraldi Ribeiro, Monica Marques Telles
- P01.122** **Obesity-Associated Microbiota Dysbiosis and Transcriptomic Deregulation in Endometrial Cancer**
Daniel Castellano Castillo, Soukaina Boutriq, Lucia Aranega Martin, Isaac Plaza Andrades, Maria Emilia Dominguez Recio, Alicia González González, Jesús Peralta Linero, Omar Rahmouni, Emilio Alba, Lidia Sánchez Alcoholado, María Isabel Queipo Ortuño
- P01.123** **Impact of Pancreatic Fat on Cardiometabolic Risk Factors in Adults with Overweight or Obesity: Preliminary Results from The EXTREME Project**
Maria Medrano, Claudia Izquierdo, Iñigo Urdiain, Antonio Clavero-Jimeno, Patricia Morillo Mt, Alba Camacho-Cardenosa, Cristina Cadenas-Sanchez, Jonatan Ruiz, Idoia Labayen
- P01.124** **Exploring the extracellular matrix component of the adipose tissue, LRG1, in obesity: a potential therapeutic target**
Olga García Ruiz, Mari Carmen Soler Vázquez, Mercedes Clemente Postigo, Francisco José Tinahones, Ana Gordon, María Mar Malagón, Rocio Guzmán Ruiz
- P01.125** **Effects of metformin on glucose homeostasis after bariatric and metabolic surgery**
Mélanie Hirlemann, Mélanie Garmon, Alexandra Willemetz, Thibaud Bertrand, Lara Ribeiro Parenti, Jamileh Movassat, Claire Carette, Maude Le Gall
- P01.126** **Depot-Specific Screening of Human Adipose Stromal Vascular Cells by Mass Cytometry**
Zahra Kamyab, Karin Stenkula, Gunnar Mellgren, Johan Fernø
- P01.127** **Disrupted Circadian Rhythms in Individuals with Mental Disorders and Obesity**
Mikkel Kolind, Rikke Kruse, Kurt Højlund, Christoph Patrick Beier, Elsebeth Stenager, Claus B. Juhl
- P01.128** **Differential expression of serum and exosomal microRNA-34a in subjects with increased fat mass**
Jacqueline Alejandra Noboa, Jorge Castro, Ana Fletes, Perla Madrigal, Iñaki Alvarez, Rosa Navarro
- P01.130** **Visceral obesity mapping: new cut-off points for visceral obesity risk stratification in women**
Aleksandra Radecka, Anna Lubkowska
- P01.131** **Validation of visual analogue scales in Spanish, to measure satiety and appetite in human studies**
David Planes Muñoz, Rubén López Nicolás, Natalia Lates Profir, Carmen Frontela Saseta
- P01.132** **The importance of preoperative weight loss in patients with morbid obesity**
Lourdes Garrido Sánchez, Inmaculada Ramírez Sánchez, Ana Sánchez García, Nerea Ruiz Campos, Raquel Sancho Marín, Carolina Gutiérrez Repiso, Rocio Soler Humanes, Diéter Morales, Diego Fernández García, Francisco J Tinahones, Luis Ocaña Wilhelmi
- P01.133** **Long-term effects of postnatal low-dose bisphenol S exposure on mitochondrial respiration and changes in liver and adipose tissue of adult mice on normal or high-fat diets**
Monika Bludovská, Jan Jedlička, Iva Kladnická, Jitka Kuncová, Anna Malečková, Luděk Müller, Jan Nevoral, Dana Mullerova
- P01.134** **New challenges and molecular approaches to adipose damage associated with obesogenic medications**
Maria Del Carmen Soler Vazquez, Samuel Lorenzo Pino, Olga García Ruiz, Beatriz González Almecija, María González Ruiz, Elena Salido Martínez, Rocio Guzmán Ruiz, Mario Frias, Antonio Rivero Juárez, Antonio Rivero, María M. Malagón, Ana Gordon
- P01.135** **New Perspectives on the Impact of Empagliflozin on Hepatic Dysmetabolism in Diabetic Obese Zucker Rats**
Stefania Melini, Federica Comella, Alana Aragón Herrera, Sandra Feijóo Bandin, Oreste Gualillo, Giuseppina Mattace Raso, Francisca Lago, Rosaria Meli, Claudio Pirozzi
- P01.136** **Targeted Delivery of Tamoxifen in Adipose Tissue via Peptide-Based Drug Targeting in a Mouse Model**
Sontje Krupka, Anna Kohler, Matthias Blüher, Annette Gabriele Beck Sickinger, Nora Klötting

POSTER SESSION

- PO1.137** GLP-1, GIP, and glucagon excursions during a mixed meal tolerance test in young and lean South Asian versus European males and females
Mariëtte Boon, Carlijn Hoekx, Robin Van Eenige, Lisa Brinkman, Borja Martinez Tellez, Patrick Rensen
- PO1.138** Transforming big omics data into innovative treatment for metabolic dysfunction-associated steatohepatitis
Birong Zhang, Kalliopi Tsafoi, Yibo Zhang, Van Dien Nguyen, Timothy Hughes, Thomas Pembroke, Adrian Freeman, You Zhou
- PO1.139** Unveiling the Links: How PM Exposure, MicroRNAs, and Extracellular Vesicles Interact to Influence Cardiovascular Risk in Obesity
Luisella Maria Vigna, Alessandra Piontini, Gianna Maria Agnelli, Laura Dioni, Valentina Bollati
- PO1.140** Host-microbiota co-metabolism involves in the early stages of obesity development
Maria Mercedes Pardo Tendero, Vannina G Marrachelli, Jose Manuel Morales, Ana Diaz, Maria Carmen Collado, Maria Martin Grau, Pilar Casanova, Daniel Monleón
- PO1.141** Secreted factors from obesity-associated visceral adipose tissue drive methylome alterations in breast cancer cell lines promoting cellular proliferation
Ana B Crujeiras, Paula M Lorenzo, Andrea G Izquierdo, Nicolás Costa Fraga, Angel Diaz Lagares
- PO1.143** Reduction of heparanase concentration in myocardial tissue in an animal model of obesity after treatment with dapagliflozin: a new hypothesis for explaining the cardioprotection of SGLT2 inhibitors
Angelo Di Vincenzo, Marika Crescenzi, Marnie Granzotto, Elisabetta Trevellin, Matteo Marchegiani, Paola Fioretto, Roberto Vettor, Marco Rossato
- PO1.144** The prognostic role of sex in non-alcoholic fatty liver disease (NAFLD)
Rosa Ragozzino, Nicolò Ragozzino
- PO1.145** Role of Obesity in Protection Against Advanced Chronic Kidney Disease
Aida Gabriela Anaya Flores, Ana Patricia Zepeda Salvador, Zyanya Reyes Castillo, Sonsoles Hernández Sánchez
- PO1.146** Targeting ceramide-induced lipotoxicity in obesity-associated metabolic dysfunction: therapeutic potential of AdipoR agonists
Elisabetta Trevellin, Angelo Di Vincenzo, Roberto Vettor, Paola Fioretto, Federico Capone
- PO1.147** Role of Microglia-Derived Progranulin in the Development of Diet-Induced Obesity
Min-Seon Kim, Chae Beom Park, Chan Hee Lee, Se Hee Min
- PO1.148** Obesity related metabolic profile in women with polycystic ovary syndrome during reproductive age
Aleksandra Atanasova Boshku, Daniela Ivanova Panova, Iskra Dukova
- PO1.149** Genetic Variants Associated with Myocardial Infarction in Non-Alcoholic Fatty Liver Disease
Choongki Kim, Sang Joon An, Mi Hyang Jung, Youngchan Ahn, Dong Hyuk Jung, Chuljin Lee, Min Jeong Kim
- PO1.150** Genetic variants associated with changes in liver fat in response to a 3-week sugar-sweetened beverage intervention: A pilot study
Faustina Therese Jeyaraj, Sai Sravani Vennam, Kendra Lynn Nelson, Katherine Watts, Lydia Rachel Dooley, Brea Correll Nance, Baba Bully Mass, Venkata Saroja Voruganti
- PO2.013** The Association between Neck Circumference and Insulin Resistance in adult general population-
Kyu Bae Lee, Kyoung Kon Kim, Heuy Sun Suh, Ki Dong Ko, In Cheol Hwang
- PO2.014** Association between obesity risk and compliance with dietary recommendations: a pilot study of a new, simple dietary diary
Lidia Wadolowska
- PO2.015** Empowering Patients through Lifestyle Interventions: The Impact of the Patient Empowerment Program (PEP) in Cancer and Chronic Disease Populations
Gabriela Ilie, Rob Rutledge, Cody Macdonald, Markos Tsigotis
- PO2.016** Partner Influence of Obstructive Sleep Apnea on Metabolic Syndrome in Couples
Kayoung Lee

POSTER SESSION

- P02.017** **Evaluation of the Integrated Healthy Lifestyle Service for weight management and exercise referral in Southwark: a protocol**
Anna Boath, Jillian Manner, Jennifer Elliott, Sarah Janac, Andrew Williams, Marie Murphy, Paul Kelly
- P02.018** **Trends in Years of Life Lost Attributable to Diabetes in South Korea, 2008–2019**
Kyoung Hwa Ha, Seung Jin Han, Hae Jin Kim, Yun Jung Jung, Dae Jung Kim
- P02.019** **Role of rs9939506 polymorphism of FTO gene in resistance to eating in male adolescents**
Maryam Gholamalizadeh, Saeid Doaei
- P02.020** **Food purchase patterns in people starting GLP-1 receptor agonist medication compared to the general population**
Freya Orban, Sophie Dössegger, Melanie Stoll, Maurice Rupp, Jing Wu, Simeon Pilz, Arlette Journeaux, Selina Zbinden, Christian Kuhn, Matthias Eggenschwiler, Marc Linzmayer, Simon Mayer, David Herzig, Lia Bally
- P02.021** **Behavioural components and delivery features of early childhood obesity prevention interventions: a systematic review and intervention coding of studies in the TOPCHILD Collaboration**
Brittany Johnson, Paul Chadwick, Samantha Pryde, Anna Lene Seidler, Kylie Hunter, Rebecca Golley
- P02.022** **Impact of Bariatric-Metabolic Surgery on Patient's Biopsychosocial Wellbeing One Year Post-Procedure: A Qualitative Study of the DigiWELL Project**
Veronika Horká, Marcela Ely, Barbora Kaštovská, Marie Pindáková, Steriani Elavsky
- P02.023** **Weight-friendly Workplaces in Sunderland: "Healthy Food environments"**
Ellen-Alyssa Fiona Gambles, Robyn Jones, Yitka Nora Helena Graham, Gerry Taylor
- P02.024** **Parental feeding practices differ between caregivers of children and adolescents with Autism Spectrum Disorders (ASD) and various BMI statuses**
Panagiotis Goulidakis Vosyniotis, Anna Xeini, Aimilia Gkotsopoulou, Ariadni Niarchou, Olga Skordia, Marina Goulia, Georgios Panoutsopoulos, Evaggelia Fappa
- P02.025** **Readiness to change the body weight**
Peter Minárik, Zuzana Pagáčová, Vladimíra Tímková, Daniela Mináriková
- P02.026** **Healthcare Professionals' Knowledge Levels on Nutrition and Food-Drug Interactions Based on Body Mass Index**
Sümeyye Bora, Ni da Köksal, Kardelen Büşra Ege Gündüz
- P02.027** **Prevalence and biopsychosocial factors associated with overweight and obesity in adults with type 1 diabetes**
DIANA TUNDIDOR, Antonio Jesús Blanco Carrasco, Silvia Canizares, Núria Seguí Cerarols, Amadeu Obach, Judit Molero, Ignacio Conget, Marga Giménez, Josep Vidal, Lilliam Flores
- P02.028** **The Science of Eating Right: Behavioral Interventions for Better Health**
Oluwasegun Oke
- P02.029** **Cardiovascular outcomes and safety of SGLT-2 inhibitors in patients with diabetes of the exocrine pancreas: A nationwide population-based study**
Seung Jin Han, Kyoung Hwa Ha, Hae Jin Kim, Dae Jung Kim, Kwan Woo Lee
- P02.031** **Neck/waist ratio might be associated with vitamin D intake in the people without obesity**
Kyu Rae Lee
- P02.032** **FIB-4 score in young healthy adults and its association with end stage liver disease: a nationwide retrospective study**
Michal Kasher Meron, Tzipi Hornik-Lurie, Prina Rotman Pikielny, Gil Ben Yakov, Gilad Twig, Tomas Karpati
- P02.033** **Mental and Physical Health Burden in Women with Lipedema: Depression and Quality of Life Among Czech Women**
Monika Kunzová, Eliška Lagová, Leslyn Keith
- P02.034** **Evaluation of Compliance with Nutritional Recommendations and Sustainable Eating Behaviors in Patients with Heart Failure**
SÜMEYYE BORA, Ebru Aslan
- P02.035** **Insights from the ELPA European Liver Screening Week 2024**
Richard Hall, Jacques Schuurman, Lydie Moreaux, Julie Odienne, Marko Korenjak, Beatrice Credi, Milan Mishkovikj, Anastasia Semeyskaya, Veronika Vsetickova

POSTER SESSION

- P02.036** Exploring associations among timing of food intake, body composition and eating behaviour traits
Rebecca Allen, Daria Borisova, Graham Finlayson, Kristine Beaulieu
- P02.037** Body mass index as a long-term risk factor for severe COVID-19 requiring intensive care
Hanno Ulmer, Lea Corn, Sarah Maier, Josef Fritz, Emanuel Zitt, Wolfgang List, Reinhard Germann
- P02.038** Meal timing and risk of metabolic syndrome in the French NutriNet-Santé cohort
Elena Obeid, Xuân Le Folcalvez, Khaled Ezzedine, Anna Palomar Cros, Sandrine Péneau, Alice Bellicha, Mélanie Deschasaux Tanguy, Mathilde Tuvier, Valentina A. Andreeva, Bernard Srour
- P02.039** Differences in eating patterns in autistic vs non-autistic population
Carla María Pérez-Jaén, Emilio Pericet Caro, Julieta Sánchez Bizama, Cristian Manuel Olarte-Sanchez
- P02.040** Consumption of ultra-processed foods, adherence to the Mediterranean diet and renal function in people with overweight and obesity
Francesca Menichetti, Stefano Ravasenghi, Laila Vignati, Alberto Battezzati, Federica Sileo, Giorgia Pozzi, Silvia Gallosti, Ramona De Amicis, Andrea Foppiani, Simona Bertoli, Alessandro Leone
- P02.041** Systematic Literacy Review on the Awareness of Obesity in Adults and Children living with Obesity, the General Public and Healthcare Professionals
Lucas Schreurs, Inge Gies, Bart Van der Schueren, Diederik De Cock
- P02.042** "Our healthcare system is just reactive": Needs and challenges of the payor and regulatory community towards integrating obesity into a chronic care framework
Lucas Schreurs, Bowman Busato Bowman Busato, Inge Gies, Michele Michele Calabrò, Maja Lang Morović, José Silva Nunes, Euan Woodward, Diederik De Cock
- P02.043** A Mixed-Methods Blueprint for Obesity Healthcare Policy: From Research to Action
Lucas Schreurs, Jacqueline Bowman Busato, Alix Feldman, Fiona McGillicuddy, Euan Woodward, Lisa Tarasenko, Diederik De Cock
- P02.044** Improving Quality of Childbirth Care for Women with Obesity in a Stigma-Free Care Environment
Evelynne M Aubry, Carmen Wyss-Zürcher, Regula A Schwenk, Simone Hasler
- P02.045** "Healthcare providers can't do everything, they can give advice and follow-up, but they can't force people to follow a certain lifestyle": Awareness of Obesity Among Patients
Lucas Schreurs, Hanne Vandeveld, Zeyneb Achaoui, Shahad Al Magdy, Inge Gies, Bart Van der Schueren, Diederik De Cock
- P02.046** Exploring the associations between personality traits and food cravings in adults
Vitória Rezendede Lima, Juliana Beatriz Paiva, Diogo Thimóteo Da Cunha, Joana Pereira De Carvalho Ferreira
- P02.047** Investigating the interplay between menstrual cycle, mood states, and psychological eating behaviour traits in adult women
Julia Barrichelo Martins De Freitas, Diogo Thimóteo Da Cunha, Joana Pereira De Carvalho Ferreira
- P02.048** High fat sweet consumption in group meals may be influenced by the Conscientiousness personality trait
Juliana Beatriz Paiva, Vitória Rezendede Lima, Diogo Da Cunha, Joana Pereira de Carvalho-Ferreira
- P02.049** Eating behavior of brazilian adults and its associations with dieting and BMI
Natália d'Ottaviano Medina, Julia Beghini, Diogo Da Cunha, Joana Pereira de Carvalho-Ferreira
- P02.050** Association between chronic kidney disease and body size phenotypes in apparently healthy adults: The Korean National Health and Nutrition Examination Survey 2019-2021
Sang Yong Kim, Young Sang Lyu, Jin Hwa Kim, Tae Sun Park
- P02.051** Association between Cumulative Exposure to Metabolic Syndrome and the Risk of Cardiovascular Diseases in Young Korean Adults: A Prospective Observational Study
Yang Hyun Kim, Hwiyeon Lee, Sejin Jeong, Byung Duck Han

POSTER SESSION

- P02.052** **Obesity among ICU patients in Austria: Secondary data analyses from the "International Prevalence Measurement of Care Quality"**
Franziska Großschädl, Silvia Maria Bauer
- P02.053** **An exploration of physiotherapy educators' knowledge and attitudes and current curriculum content relating to obesity in entry-level physiotherapy programmes in Europe: A PROMINENCE survey**
Caitriona Cunningham, Emilia Kosińska, Mary E. Davis, Grainne ODonoghue
- P02.054** **Addressing heterogeneity in Binge Eating Disorder and Obesity: A Cluster Analysis Approach based on Clinical and Psychopathological features**
Lucia Camacho-Barcia, Lia T Sánchez Salido, Jessica Jiménez Del Toro, Roser Granero, Isabel María Sánchez Díaz, Kim Supit, Nadia Micali, Katrin Giel, Susana Jiménez Murcia, Stephan Zipfel, Fernando Fernández Aranda
- P02.055** **The PROMINENCE (Promoting Obesity and Metabolic Rehabilitation INclusion in EU Entry-level Physiotherapy Curricula) project**
Caitriona Cunningham, Catherine Blake, Mary E. Davis, Cecilia Fridén, Emilia Kosińska, Susanna Lehtinen-Jacks, Tiina Pystynen, Cia Törnblom, Pipsa Tuominen, Kenneth Verboven, Camilla Wikström-Grotell, Anouk Agten, Aitor Carpio García, Grainne ODonoghue
- P02.056** **Social disparities in obesogenic environment exposures: Insights from a Central European city**
Anna Bartoskova Polcova, Thao Minh Lam, Hynek Pikhart, Jeroen Lakerveld
- P02.057** **Sarcopenia and Sarcopenic Obesity in Nursing Home Residents: The Role of Dietary Inflammatory Index**
Hilal ŞİMŞEK, Aslı Ucar
- P02.058** **Metrics that matter: identifying endpoints for capturing the broad health impacts of obesity prevention**
Jonathan Pearson-Stuttard, Sara Holloway, Jamie Kettle, Hugo Harper, Irina Pokhilenko, Manuel Gomes, Louis Garrison, Ricardo Reynoso, Katherine Byrne, Jutta Kloppenborg Heick Skau
- P02.059** **Body composition and risk of breast cancer after menopause among women in the Danish Diet, Cancer and Health cohort**
Anne Marie Overgaard Nielsen, Jennifer L Baker, Julie Aarestrup, Anne Tjønneland, Lene Mellemkjaer
- P02.060** **Obesity and Gastrointestinal Cancer Risk in Organ Transplant Recipients: A Nationwide Matched Cohort Study**
Seong Pyo Kim, Hahyun You, Eunjeong Kang, Hajeong Lee, Minseon Park, Hyung Jin Yoon
- P02.061** **The independent and joint association of non-alcoholic fatty liver disease and physical activity with all-cause and cardiovascular disease mortality in hypertensive patients: A nationwide cohort study**
Yunmin Han, Younghwan Choi, Yeon Soo Kim
- P02.062** **Development of a questionnaire to assess Metabolic Bariatric Surgery-Related Stigma**
Franshelis Garcia, Selke Riedel, Anja Boeve, Bob Mulder, Eric Hazebroek, Annemarie Wagenmakers, Kirsten Verkooijen
- P02.063** **Developmental Trajectories of Disordered Eating from Early to Mid-Adolescence and Their Associations with Potential Risk Factors**
Kadi Reintam, Kärol Soidla, Kirsti Akkermann
- P02.064** **Adult weight gain, age at first pregnancy and breast cancer risk: a UK PROCAS study**
Lee Malcomson, Adam Brentnall, Andrew G Renehan, Mary Pegington, Elaine F Harkness, Jake Southworth, D. Gareth Evans, Michelle Harvie
- P02.065** **Environmental Exposure and Their Role in Obesity: Insights from a Belgian Cohort Study**
Lucas Schreurs, Tom De Potter, Inge Gies, Bart Van der Schueren, Jean-François Argacha, Diederik De Cock
- P02.066** **Quantifying the obesogenic environment in the US and investigating its quasi-causal association with obesity: a twin study**
Bram Bertzen, Ally Avery, Joline Beulens, Jeroen Lakerveld, Glen Duncan
- P02.067** **Health Literacy and Sociodemographic and Psychosocial Determinants of Overweight and Obesity**
Alicja Cicha-Mikołajczyk, Aleksandra Małgorzata Piwońska, Jerzy Piwonski, Agnieszka Doryńska, Witold Śmigielski, Piotr Dobrowolski, Aleksander Prejbisz

POSTER SESSION

- P02.068** **Adulthood weight trajectories and cause-specific mortality: evidence from 620,000 individuals in the Obesity and Disease Development Sweden (ODDS) study**
Huyen Le, Marisa da Silva, Louise Bennet, Josef Fritz, Tanja Stocks
- P02.069** **Food Addiction in Late Adolescence: Repercussions on Social Dysfunction, Anxiety, and Severe Depression**
Emilio Pericot Caro, Cristian Olarte-Sanchez, Julieta Sánchez, Carla María Pérez-Jaén, Antonio Contreras Fernández, Estefanía Del Valle Martín
- P02.070** **Eating behaviors following bariatric surgery in poor, average, and super responders**
Laura Vuorela, Tuure Saarinen, Maheswary Muniandy, Jari Karppinen, Sanna Meriläinen, Vesa Koivukangas, Per Henrik Groop, Anne Juuti, Kirsi H. Pietiläinen, Bram J. Berntzen, Sini Heinonen
- P02.071** **Lifestyle and psychosocial causes of obesity in the Dutch population stratified by socioeconomic position**
Renate E.H. Meeusen, Mariëtte Boon, Erica van den Akker, Elisabeth van Rossum
- P02.072** **Enhancing self-efficacy in digital weight management: Real world insights**
Victoria Lawson, Nadine Hüttenrauch, Felix Schirmann
- P02.073** **Evaluation of the effectiveness of a school-based intervention to promote fruit and vegetable consumption among primary school children: study protocol**
Raquel Martins, Mário Silva, Osvaldo Santos, José Camolas
- P02.074** **A Content Analysis of TikTok Videos on Food Noise**
Daisuke Hayashi, Travis D Masterson
- P02.075** **Assessment of weight change and all-cause mortality based on BMI intervals in South Korea: A 12-year follow-up of the Korea Longitudinal Study of Aging**
Seung Wan Hong, Young Sung Suh, Dahye Cho, JaeHyuck Lee, Daehyun Kim
- P02.076** **Associations between primary food sources of saturated fat and body composition: a cross-sectional and longitudinal study in the UK Biobank cohort**
Lourdes Chávez Alfaro, Jennifer Carter, Carolina Carvalho, Marta Guasch Ferre, Aurora Pérez Cornago, Carmen Piernas
- P02.077** **Eating behavior profiles, body mass index and temperament – Northern Finland Birth Cohort 1966**
Marjukka Nurkkala, Leila Karhunen, Jouko Miettunen, Emilia Pesonen, Mirka Hintsanen
- P02.078** **Perceptions and opinions of people diagnosed with obesity in the Spanish public national health system: insights from the OBERview360 study**
Miguel Ángel Rubio Herrera, Jennifer Redondo Antón, Andreea Ciudin Mihai, Javier Miro, Juana Carretero Gómez, Francesc Xavier Cos Claramunt, Miriam Rubio De Santos, Sílvia Díaz Cerezo
- P02.079** **A comparison of clinical characteristics of people living with obesity using data from a general practitioners' morbidity registry and a Belgian multidisciplinary obesity center. An IMI2 SOPHIA study**
Amar Van Laar, Sofia Pazmino, Pavlos Mamouris, Nele Steenackers, Roman Vangoitsenhoven, Ann Mertens, Ellen Deleus, Matthias Lannoo, Margo Hulsmans, Caroline Simoens, Bert Vaes, Bart Van Der Schueren
- P02.080** **How is household food insecurity associated with diet quality? A pre-registered cross-sectional study investigating the role of psychological distress and food choice motives**
Charlotte Hardman, Rebecca Evans, Paul Christiansen, Melissa Bateson, Daniel Nettle, Gregory Keenan
- P02.081** **BMI registration and prevalences of overweight/obesity related complications in a Belgian general practitioners' morbidity registry: An IMI2 SOPHIA study**
Amar Van Laar, Sofia Pazmino, Pavlos Mamouris, Nele Steenackers, Roman Vangoitsenhoven, Ann Mertens, Ellen Deleus, Matthias Lannoo, Margo Hulsmans, Caroline Simoens, Bert Vaes, Bart Van Der Schueren
- P02.082** **Trends in Socioeconomic Inequalities in Obesity Among Portuguese Adults: Evidence from National Health Surveys (2005–2019)**
Berta Valente, Milton Severo, Ulf-Göran Gerdtham, Sílvia Fraga, Joana Araújo
- P02.083** **The Non-Linear Relationship Between Visceral Fat and Low Back Pain Intensity: A Focused Analysis of Central Obesity**
Anastasiia Nahorna, Heiner Baur

POSTER SESSION

- PO2.084** "Could be anything, right?" A qualitative study on the awareness of obesity in the general public
Lucas Schreurs, Hanne Vandeveldde, Melike Köckü, Inge Gies, Bart Van Der Schueren, Diederik De Cock
- PO2.085** School children's daily routine and physical activity in Ukraine in 2023-2024, as evidenced by WHO European Childhood Obesity Surveillance Initiative (COSI)
Yuliia Arabaska, Yuliia Kotykovych, Olena Zaporozhska, Tetiana Bondar, Олексій Ганюков, Vladyslav Zbanatskyi, Iryna Skorbut, Denys Dmytriev, Nam Mykhailo Nguien, Andrii Skipalskyi, Dr Juma Khudonazarov, Oleksandr Yurchenko, Olga Gvozdetzka, Olena Nesterova
- PO2.086** Social identity, values and beliefs: A protocol for discovery of best practice behavioural support provided during pharmacological treatment for obesity
Anastasia Searle, Mark Tarrant, Jonathan Pinkney
- PO2.087** Advancing Carbohydrate Estimation in Type 1 Diabetes Management: A Comparative Study of Generative AI Tools for Enhanced Precision in Carb Counting
Nicola Tecce, Anna Pelosi, Annamaria Colao
- PO2.088** The independent association of rs9393609 variant in the FTO gene and general and abdominal obesity in menstrual and postmenopausal women
Aleksandra M. Piwońska, Alicja Cicha-Mikołajczyk, Agnieszka Sobczyk-Kopciol, Jerzy Piwoński, Piotr Dobrowolski, Aleksander Prejbisz
- PO2.089** Use of semaglutide for weight reduction among healthcare system employees
Paulina Metelska, Agata Maciejewska
- PO2.090** Maternal vitamin B12 status and risk of SGA in women with a history of metabolic bariatric surgery
Laura Heusschen, Inge G. van Loon, Arianne C. van Bon, Judith O.E.H. van Laar, Ineke Krabbendam, Eric J. Hazebroek, Agnes A.M. Berendsen
- PO2.091** Study of How Adiposity in Pregnancy has an Effect on outcomes (SHAPES): Characteristics of the cohort population
Giang Thu Nguyen, Raisa (Raya) Vinogradov, Susan Lennie, Luke Vale, Dawn Teare, John Allotey, Nicola Heslehurst
- PO2.092** Socioeconomic inequalities in exposure to obesogenic neighbourhood characteristics at various life stages: Two OBCT systematic reviews
Jet Van De Geest, Valeria Cuenca, Kamille Torp, Juanita Mora, Kirsten Bjørnsbo, Luis Cereijo, Julia Diez, Paul Meijer, Linda Schoonmade, Jeroen Lakerveld
- PO2.093** Obesogenic environments and cardiovascular disease incidence: A population-based cohort study of 4.4M adults
Paul Meijer, Thao Lam, Joline Beulens, Diederick Grobbee, Jeroen Lakerveld, Ilonca Vaartjes
- PO2.094** Mediated effects of LIFE4YOUTH—a mobile health intervention for multiple lifestyle behavior change among high school students in Sweden: Findings from a randomized controlled trial
Linnea Hedin, Anna Seiterö, Joel Crawford, Marcus Bendtsen, Marie Löf
- PO2.095** Moderators and mediators of the association between the obesogenicity of neighbourhoods and waist circumference in Dutch adults: an OBCT study
Jet Van De Geest, Paul Meijer, Sharon Remmelzwaal, Jeroen Lakerveld
- PO2.096** A Close Relationship Between Ultra-Processed Foods and Adiposity in Adults in Southern Italy
Maria Serena Lonardo, Mariana Di Lorenzo, Laura Aurino, Mauro Cataldi, Nunzia Cacciapuoti, Mariastella Di Lauro, Claudia Gautiero, Bruna Guida
- PO2.097** Association between health inequalities and maternal adiposity: a secondary analysis of data from the Study of How Adiposity in Pregnancy has an Effect on outcomes (SHAPES)
Giang Thu Nguyen, Raisa (Raya) Vinogradov, Susan Lennie, Luke Vale, Dawn Teare, John Allotey, Nicola Heslehurst
- PO2.098** Exploring the link between alexithymia and eating behaviors: emotional, external, and restrictive patterns
Antonio Contreras-Fernández, Carla María Pérez-Jaén, Cristian Manuel Olarte-Sanchez, Julieta Sánchez Bizama, Emilio Pericet Caro, Estefanía Del Valle Martín
- PO2.099** Healthy weight and cancer prevention – a policy blueprint
Ioana Vlad, Kate Oldridge Turner, Christelle Clary, Kate Allen, Helen Croker, Panagiota Mitrou

POSTER SESSION

- PO2.100** **Bodyweight Perception, Motivations for Losing Weight, and Sources of Information on Bodyweight Reduction Among People in Czechia**
Stepan Svacina, Ludmila Brunerova, Oskar Macek, Krystof Rybacek, Michal Haas
- PO2.101** **The Relationship Between Emotional Eating and BMI: Insights from the Emotional Eating Scale**
Estefania Del Valle Martin, Pablo Camacho Sánchez, Emilio Pericet Caro, Carla María Pérez Jaén, Julieta Bizama Sánchez, Antonio Contreras Fernández, Cristian Manuel Olarte Sánchez
- PO2.102** **Digital Coaching in the Workplace: Examining the Impact on Weight Management and Mental Health**
Signe Boldt Bendsen, Katrine Lindø Kaslund, Ellie Heath
- PO2.103** **Body Dissatisfaction and Its Role in Maladaptive Eating Behaviors: Insights for Obesity Prevention and Treatment**
Cristian Manuel Olarte-Sanchez, Emilio Pericet Caro, Julieta Sánchez Bizama, Carla María Pérez Jaén, Estefanía Del Valle Martín, Antonio Contreras Fernández
- PO2.104** **Waist circumference vs. body mass index as risk factors for obesity-related cancer risk: insights from the Swedish ODDS study**
Ming Sun, Christel Häggström, Marisa Da Silva, Innocent B. Mboya, Ylva Trolle Lagerros, Karl Michaëlsson, Sven Sandin, Jerzy Leppert, Sara Hägg, Sölve Elmståhl, Patrik K. E. Magnusson, Stefan Söderberg, Weiyao Yin, Abbas Chabok, Angela Wood, Tanja Stocks, Josef Fritz
- PO2.105** **Patients' experience and perspective on dietary treatment of overweight or obesity - Polish pilot survey**
Małgorzata Moszak, Marta Pelczyńska, Julia Cebula, Karolina Kasprzyk, Paweł Bogdanski
- PO2.106** **Health and lifestyle characteristics and the practice of low-carbohydrate and low-fat diets among participants in the Longitudinal Study of Adult Health (ELSA-Brasil)**
Leticia Batista de Azevedo, Oscar Geovanny Enriquez-Martinez, Maria del Carmen Bisi Molina
- PO2.107** **Performance, cognitive function and tau protein levels in elderly patients with obesity and age-matched controls**
Elippo Augusto Barbini, Nour Baradhi, Giulia Boato, Silvia Sturani, Simone Cauzzo, Cristina Simonato, Carlotta Bortoluzzi, Marina De Rui, Alessandra Coin, Eleonora Fiorenzato, Silvia Bettini, Giulia Musso, Chiara Ceolin, Renzo Manara, Angelo Antonini, Giuseppe Sergi, Luca Busetto
- PO2.108** **Development of a high-resolution walkability index for Europe**
Nishit Patel, Hoang Ha Nguyen, Jet Van De Geest, Alfred Wagtendonk, Mohan Raju, Payam Dadvand, Kees De Hoogh, Marta Cirach, Mark Nieuwenhuijsen, Thao Minh Lam, Jeroen Lakerveld
- PO2.109** **The association between glucose dynamics and energy intake in young, healthy women**
Zhuoxiu Jin, Alice Thackray, Scott Willis, James King, Jiajin Li, Callum Mould, David Stensel
- PO2.110** **Folic acid supplementation in European women of reproductive age and during pregnancy with excessive weight: a systematic review**
Federica Loperfido, Francesca Sottotetti, Irene Bianco, Dana El Masri, Beatrice Maccarini, Chiara Ferrara, Antonio Limitone, Hellas Cena, Rachele De Giuseppe
- PO2.111** **Prevalence and Associated Factors of Sarcopenia Among Elderly Koreans: Findings from KNHANES 2022–2023**
YooBin Seo
- PO2.112** **"A Study on the Relationship Between Night Eating Behaviors and Sleep Quality in Nutrition and Dietetics Students from Turkey"**
Sueda Izem Güllal, Dide Kılıçalp
- PO2.113** **Genetic knowledge and genetic attributions for racial disparities in obesity**
Matthew S. Lebowitz, Rebecca L. Pearl, Carolyn M. Tucker
- PO2.114** **The Mediterranean diet, a useful way to reduce the environmental impact and the intake and exposure of food contaminants**
Daniel Hinojosa-Nogueira, Alba Subiri Verdugo, Cristina María Díaz Perdigones, María José García López, Alba Rodríguez Muñoz, Patricia Ruiz Limón, Francisco J. Tinahones, Isabel Moreno-Indias

POSTER SESSION

- P02.115 Relationship Between Weight Stigma, Internalized Weight Bias, and Quality of Life in Individuals With Obesity: A Mediation Analysis**
Guillaume Ramsamy, Marion Albouy, Catherine Esnard
- P02.116 Preoperative patient perspectives on weight-loss surgery " - a qualitative analysis of physical and psychosocial expectations"**
Rebecca Kronström, Anne Christenson, Katarina Hjelm, Mikael Wirén, Joanna Uddén Hemmingsson
- P02.117 Waist circumference-years and cancer risk: A prospective study of the association and comparison of predictive performance with waist circumference and body mass index**
Nadin Hawwash, Matthew Sperrin, Glen Martin, Corinne Joshu, Roberta Florido, Elizabeth Platz, Andrew Renehan
- P02.118 Sleeping duration and health outcomes in adults with overweight or obesity**
Josep A Tur, Silvia García, Margalida Monserrat Mesquida, Lucía Ugarriza, David Mateos, Emma Argelich, Escarlata Angullo Martínez, Cristina Bouzas
- P02.119 The association of body mass index with cognitive health in dementia-free middle-aged adults: The ALBION study**
Archontoula Drouka, Eirini Mamelaki, Dora Brikou, Eva Ntanasi, Nikolaos Scarmeas, Mary Yannakoulia
- P02.120 Analysis of risk factors according to gender in people with type 2 diabetes and fractures; analysis of muscle mass and fat mass using dual-energy X-ray absorptiometry**
INSUN GOAK, Yu Ji Kim, Heung Yong Jin, Tae Sun Park, Kyung Ae Lee
- P02.121 Body Appreciation, Lifestyle Habits, and Health Perceptions among First-Year Students in Lithuania**
Vilma Kriaucionienė, Janina Petkeviciene
- P02.122 Cancer patients applying to the diet clinic assessment of nutritional knowledge levels, nutritional habits and nutritional supplement use status**
Hafize Ögün Dudioğlu, Zeynep Özerson Koç, Büşra Meltem Ecertaş
- P02.123 Simulating heterogeneous weight and height trajectories for children and adult populations from the Health Survey for England**
Penny Breeze, Katharine Pidd
- P02.124 The influence of body mass index on attitude toward physical activity**
Ajda Urbas, Jana Makuc
- P02.125 New-onset type 2 diabetes mellitus and obesity-related cancer risk after matching on body mass index and accounting for detection-time bias: a UK Biobank study**
Owen Tipping, Mengying Wang, Matthew Sperrin, Richard Martin, Andrew Renehan
- P02.126 Risk of cardio-cerebrovascular disease according to changes in obesity and abdominal obesity before and after menopause in peri-menopausal women**
Do Hoon Kim, Anna Lee Lee, Joo Hyun Park, Hyun Jin Kim
- P02.127 Awareness of Obesity as a Disease Does Not Prevent Stigma: Education Is Not Enough**
Judith Alberts, Albert Lecube, Inaki Marina, Blanca Salinas Roca, Andreea Ciudin, Ana Belén Crujeiras, Cristóbal Morales, Sharona Azriel, Rafael Gómez Blasco, César Bustos, Javier Butragueño, María M Malagón
- P02.128 Do dietary choices correlate with FAM19A5 protein concentration in people with metabolic syndrome? - The PROG-FAM observational study**
Agnieszka Wesołek-Leszczynska, Kinga Skoracka, Damian Skrypnik, Agnieszka Seraszek-Jaros, Katarzyna Skrypnik, Joanna Suliburska, monika szulinska, Pawel Bogdanski
- P02.129 Association between Pre-Pregnancy BMI and Anthropometry at Birth**
Fernando Cardona, Isabel Leiva Gea, Francisco Antonio Nieto-Vega, Desirée Romero Molina, Beatriz González Alzaga, María José Giménez Ascencio, Antonio Hernández, Inmaculada López-Flores, María Dolores Sánchez Piedra, Marina Lacasaña
- P02.130 Interdisciplinary activities in the area of health promotion and prevention of childhood obesity - 30 years of experience**
Aleksandra Niedzielska, Paulina Metelska, Beata Wolska, Marek Jankowski

POSTER SESSION

- P02.131** **Impact of Glomerular Hyperfiltration on Progression of Chronic Kidney Disease and Hepatic Fibrosis in a Healthy Population with MASLD or MAFLD: A Long-term Cohort Study**
Eun Jung Rhee, Dae Jeong Koo, Won Young Lee
- P02.132** **Maternal pre-pregnancy body mass index and biomarkers of inflammation at birth**
Courtney Dow, Cédric Galera, Judith van der Waerden, Laetitia Davidovic, Olfa Khalfallah, Susana Barbosa, Marie Aline Charles, Barbara Heude
- P02.133** **Association of bedtime regularity with incident major adverse cardiac events and all-cause mortality**
Laura Nauha, Maisa Niemelä, Marjukka Nurkkala, Raija Korpelainen, Vahid Farrahi
- P02.134** **Hidden Obesity in Cardiac Rehabilitation Programs: Assessment Through Bioelectrical Impedance Vector Analysis**
Maria Del Mar Amaya Campos, Lucia Jimenez Laguna, Rocio Fernandez Jimenez, Isabel Vegas Aguilar, Jose Manuel Garcia Almeida
- P02.135** **Metabolic signature of insulin resistance and risk of Alzheimer's disease**
Laia Gutierrez Tordera, Javier Mateu Fabregat, Laura Panisello, Pablo García Gonzalez, Agustín Ruiz, José Luis Cantero, Melina Rojas Criollo, Muhammad Mursil, Mercedes Atienza, Nil Novau Ferré, Hamza Mostafa, Domènec Puig, Jaume Folch, Hatem Rashwan, Marta Marquí, Mercè Boada, Christopher Papandreou, Mónica Bulló
- P02.137** **Social Appearance Anxiety, Orthorexia, and Body Mass Index: A Study on Health Sciences Students**
Gülsüm Şahin Bodur, Emre Duman, Esra Tunçer, Alev Keser
- P02.138** **The Health-of-Your-Herd: Decision Support Instruments to Monitor and Sustain an Anti-Obesogenic Childhood Environment**
Ronnaug Astri Ødegård, Betty Pettersen, Vidar Halsteinli, Christina Hansen Hansen Edwards, Øystien Nytrø
- P02.139** **Associations of total body fat with total and regional bone mineral density in adults: A systematic review and meta-analysis**
Jennifer L Carter, Holly Bihun, Fiona Bragg
- P02.140** **The Effect of Emotional Eating and Nutritional Status on Defecation Habits in Adult Women**
Aleyna Keleş, Zeynep Özerson Koç, Zeynep Sude Cabadak
- P02.141** **Weight Stigma Across Borders: Ethnographic Evidence from Turkey and the UK**
DENİZ SEZGİN EMÜLER
- P02.142** **Body Image Perception, Dissatisfaction, and Attraction among University Students**
Daniela Rodrigues, Cristina Padez
- P02.143** **Obesity and overweight in elderly people receiving outpatient care in Northern Brazil**
THAIZA TEIXEIRA XAVIER NOBRE, Lucas Mateus dos Santos Bezerra, Oriana wilkens melo, Paulo Henrique do Nascimento, José FelipeCostada Silva, Mayara Araújo, Silvana Loana Oliveira-Sousa, Natália Nunes Tomaz, Gilson de Vasconcelos Torres
- P02.144** **Socioeconomic variation of body mass index among the population in Ireland**
Gintare Valentelyte, Samira Barbara Jabakhanji, Naomi Holman, Steven James, Nicholas Clarke, Dominika Bhatia, Kathleen Bennett, Jan Sorensen, Edward W Gregg
- P02.145** **The complex relationship between body mass index and medication adherence in chronically ill patients**
Monika Bąk-Sosnowska, Julia Wyszomirska, Magdalena Gruszczyska, Anna Daniel-Sielńczyk
- P02.146** **Association Between the Educational Environment and Eating Behaviors Among College Students From Economically Disadvantaged Regions: The 24h-MESYN Study**
Marcus Nascimento-Ferreira, Augusto Cesar Ferreira De Moraes, Barbara Saldanha Lima, Rhavenna Oliveira, Luiz Fernando Oliveira, Armando Rodrigues de Alencar Santos, Kliver Antonio Marin, SHIRLEY CUNHA FEUERSTEIN
- P02.147** **Dietary consumption patterns among elderly individuals according to sex and regions of Brazil**
THAIZA TEIXEIRA XAVIER NOBRE, Lucas Mateus dos Santos Bezerra, Oriana wilkens melo, Natália Nunes Tomaz, José FelipeCostada Silva, Mayara Araújo, Silvana Loana Oliveira-Sousa, Paulo Henrique do Nascimento, Gilson de Vasconcelos Torres

POSTER SESSION

- P02.148** **Nutritional status of institutionalized elderly people: Comparison between Body Mass Index and Calf Circumference**
THAIZA TEIXEIRA XAVIER NOBRE, Lucas Mateus dos Santos Bezerra, Oriana wilkens melo, Natália Nunes Tomaz, José FelipeCostada Silva, Mayara Araújo, Silvana Loana Oliveira-Sousa, Paulo Henrique do Nascimento, Catharinne Angélica Farias, Gilson de Vasconcelos Torres
- P02.149** **Impact of hybrid artificial pancreas and nutritional education on a patient undergoing pancreatectomy for pancreatic adenocarcinoma**
Anna Lisa Pelosi
- P02.150** **Calf Circumference Adjusted by BMI as an Indicator of Muscle Mass Loss in Overweight Older Adults**
THAIZA TEIXEIRA XAVIER NOBRE, Mayara Araújo, Silvana Loana Oliveira-Sousa, Carmelo Sergio Gómez-Martínez, Natália Nunes Tomaz, Vilani Medeiros de Araújo Nunes, Paulo Henrique do Nascimento, José FelipeCostada Silva, Gilson de Vasconcelos Torres
- P02.151** **Sugar and sweetener consumption among adults and 11-18 year old youngs in Hungary**
Emese Antal, Robert Pilling, Csenge Hargittay, Peter Torzsa
- P02.152** **Patterns of weight loss injection use and barriers to access in Australia**
Kate McBride, Sarah Hirst, Sam Hogan, Kathryn Williams, Michelle Harvie
- P02.153** **"Quality of life and body composition as a function of physical activity and adherence to the Mediterranean diet"**
Sandra Rubio Díaz, Verónica Odilia Morales Sánchez, Socorro Herrera-Meza, José Carlos Orellana Pérez, Alejandro García Rubio, Milagros Rubio Díaz
- P02.154** **Understanding Overweight and Obesity in Adolescents and Young Adults: From Health Challenges to Social Media Influence**
Blanca Salinas Roca, Iñaki Marina, Andreea Ciudin, Ana Belén Crujeiras, Cristóbal Morales, Sharon A Azriel, Rafael Gómez Blasco, César Bustos, Javier Butragueño, María M Malagón, Albert Lecube
- P02.155** **Weight stigma and beliefs about the causes of obesity in Brazilian Healthcare Professionals**
Paula Victoria Sozza, Eva Penelo, Stuart Flint, David Sánchez-Carracedo, Telma Maria Braga Costa, Sebastião Almeida, Maria Fernanda Laus
- P02.156** **Association between nutritional status and weight gain with timing of eating during pregnancy in the Federal District, Brazil**
Nathalia Pizato, ERIKA S. O. PATRIOTA, Vivian Siqueira Santos Gonçalves
- P02.157** **Diabetes premature mortality trend in Brazil before the covid-19 pandemic**
Larissa Mesquita, Debora dos Santos, Kenia Mara Baiocchi de Carvalho
- P02.158** **METS-IR and Mortality Risk in Older Korean Populations: A Study Based on Korean Genome and Epidemiology study-health Examinees Eata**
Sang Joon An, Mi Hyang Jung, Choongki Kim, Min Jeong Kim, Youngchan Ahn, Chuljin Lee
- P02.159** **Assessing Diabetes Risk in Korean Seniors Through Oxidative Balance Score**
Sang Joon An, Mi Hyang Jung, Choongki Kim, Min Jeong Kim, Youngchan Ahn, Chuljin Lee
- P02.160** **Impact of a Cardiac Rehabilitation Program on Morphofunctional and Lifestyle Parameters in Post-Ischemic Cardiovascular Patients**
Maria Del Mar Amaya Campos, Lucia Jimenez Laguna, Rocío Fernández Jiménez, Isable Maria Vegas Aguilar, Jose Manuel Garcia Almeida
- P02.161** **Precision Medicine: The Role of Genetic Testing in the Treatment of Obesity**
Larissa McGarrity, Juliana Simonetti
- P03.021** **Assessing Ventricular Function in Obese Children Using Tissue Doppler Echocardiography: Case-Control study**
Amar Taksande
- P03.022** **Weight self-misperception and Obesity-related Knowledge, Attitudes, Lifestyle Behaviors and Cardio-metabolic Markers among Chinese School-aged Children and Adolescents**
Jieyu Liu

POSTER SESSION

- P03.023** **Childhood body mass index trajectories above average are associated with chronic obstructive pulmonary disease**
Frida Richter, Dorthe Corfitzen Pedersen, Flemming Madsen, Helena Backman, Jens Ulrik Stæhr Jensen, Allan Linneberg, Katja Biering Leth-Møller, Jennifer L. Baker
- P03.024** **GENETIC MARKERS OF THE EFFECTIVENESS OF THE STANDARD LOWCALORIE DIET IN OBESE CHILDREN**
Tatyana Borisovna Sentsova, Lidia Ivanovna Ilienkov
- P03.025** **Associations between parental procrastination and childhood obesity**
Shira Peleg, Ella Ishakov, Tchia Horvitz, Galina Troitsky, Or Berengard, Yuliia Pikalov, Avi Zigdon, Orna Reges
- P03.026** **Outcome measurement instruments used to measure infant diet, feeding practices and environment, and anthropometric outcomes: A scoping review**
Karen Matvienko Sikar, Moira Duffy, Eibhlín Looney, Linda Adair, Catherine S Birken, Vicki Brown, Darren Dahly, Ann S Doherty, Dimity Dutch, Rebecca Golley, Brittany J Johnson, Patricia Leahy Warren, Marian McBride, Elizabeth Mccarthy, Andrew W Murphy, Sarah Redsell, Caroline B Terwee
- P03.027** **Children and Adolescents with Obesity: A review and Critical Appraisal of Clinical Guidelines**
Maria Francesca Filippi Arriaga, Eirini Bathrellou, Michael Georgoulis, Meropi D Kontogianni, Eduard Mogas, Andreea Ciudin
- P03.028** **Innovation in research co-creation with young people living with obesity: learnings from the ARROWS residential weekend**
Elysa Ioannou, Kath Sharman, Lucie Nield, Megan Garside, Coulman Karen, Woodward Claire, Ellis Jane Louisa, Homer Catherine
- P03.029** **The Efficacy of a Comprehensive Weight Reduction Intervention in Male Adolescents with Different FTO Genotypes**
Saeid Doaei, Maryam Gholamalizadeh
- P03.030** **The role of parents' emotional eating and body mass index on parents' feeding practices, happiness, and life satisfaction: analysis in a group of parents of children with mild intellectual disability**
Kamila Czepczor-Bernat, Justyna Modrzejewska, Anna Porczyńska Ciszewska, Adriana Modrzejewska, Izabela Bieńkowska, Paweł Matusik
- P03.031** **Changes in the Prevalences of Obesity, dyslipidemia and Non-Alcoholic Fatty Liver Disease among Korean Children and Adolescents during the COVID-19 pandemic: Data from the Korea National Health and Nutrition Examination Survey 2017-2021**
Eun Sil Kim, Yon Ho Choe, Mi Jin Kim
- P03.032** **Development of an Internal Clinical Guideline for Pediatric Obesity Management – A Proof of Concept**
Bogdan Mihai Pascu, Anca Balanescu, Ema Claudia Margineanu
- P03.033** **Co-designing a web-based program for childhood obesity prevention with culturally and linguistically diverse families**
Danielle Jawad, Li Ming Wen, Louise Baur, Chris Rissel, Seema Mhrshahi, Sarah Taki
- P03.034** **Responsive feeding practices in early childhood among culturally and linguistically diverse families**
Danielle Jawad, Li Ming Wen, Louise Baur, Chris Rissel, Seema Mhrshahi, Sarah Taki
- P03.035** **Parental Perspectives on a Family-Centered mHealth Intervention Targeting Healthy Habits in Young Children**
Olivia De Jongh González, Amy Dong, Louise C. Mâsse
- P03.036** **Associations between trajectories of childhood body mass index and infertility in women**
Dorthe C. Pedersen, Julie Aarestrup, Lise G. Bjerregaard, Allan Jensen, Susanne K. Kjaer, Petur B. Juliusson, Kathleen M. Rasmussen, Jennifer L. Baker
- P03.037** **Association between BMI and blood pressure among students in grades 3 to 12 in Beijing**
Yingjie Yu, Dandan Guo, Hairong He, Bo Yu, Rui Ma, Liyu Huang, Yan Zhang, Yihong Yao, Jiali Duan
- P03.038** **Estimating the prevalence of overweight and obesity and the incidence of comorbidities in adolescents living with overweight and obesity: a cohort study using routinely collected healthcare data in England between 2008 and 2023**
Dinesh Giri, Senthil Senniappan, Jennifer A Davidson, Hannah R Brewer, Rebecca M Joseph, Ghazanfar Ali, Margherita Bortolini

POSTER SESSION

- P03.039** **A 12-month Randomized Controlled Trial Exploring the Effect of Low-Glycemic Index Diets on Obesity Indices and Cardiometabolic Risk Factors in Adolescents with Obesity**
Huaping Li, Connie Hui, Hongjiang Wu, Kai Chow Choi, Michael HM Chan, Chun Kwan Oo, Edith Chow, Elaine YK Chow, Andrea OY Luk, Ronald CW Ma, Juliana CN Chan, Alice PS Kong
- P03.040** **The family nutrition and physical activity survey; the relationship between parents and children/adolescents with autism spectrum disorder obesity status**
Seda Önal, Murat Altan, ŞEMSİ GÜL YILMAZ
- P03.041** **Novel insights into obesity in individuals with autism spectrum disorder**
ŞEMSİ GÜL Yılmaz, Seda Önal, Murat Altan
- P03.042** **Nutritional food situation associated with risk of malnutrition in children under 5 years of age attending Public Health Centers. Rosario. Argentina**
Maria Mercedes Ruben, Maria Soledad Cabreriso, Ileana Norma Arriola, Paula Altuna, Victoria Conti, Agustina Paz
- P03.044** **Establishing pathways of therapeutic support for young people with binge eating difficulties in Paediatric Weight Management**
Lauren Canvin, Claire Semple, Shelley Easter, Alanna Holt
- P03.045** **The changing trends of height, weight and obesity prevalence among students in Beijing from 2013 to 2021**
Jiali Duan, Xinyue Guo, Yingjie Yu
- P03.046** **Alarming Rise in the Prevalence of Abdominal Obesity among 7-year-old Schoolchildren in Bulgaria**
Ekaterina Chikova-Iscener, Vesselka Duleva, Lalka Rangelova, Plamen Dimitrov
- P03.047** **Duration of being breastfed in infancy and risks of childhood overweight**
Lise G Bjerregaard, Dorte C Pedersen, Jennifer L. Baker
- P03.048** **: Does Obesity Decrease Lifespan? A Systematic Review**
Kristina Vavura, Rayna Stoyanova
- P03.049** **Impact of Non-Pharmacological Obesity Treatment on Disordered Eating in Children and Adolescents**
Sara Bech Finsen, Louise Vølund Anderson, Maria Martens Fraulund, Axel Illeris Poggi, Louise Aas Holm, Jens-Christian Holm, Cilius Esmann Fonvig
- P03.050** **Screen time and the association with BMI z-score and metabolic biomarkers in children and adolescents with and without obesity**
Maria Martens Fraulund, Axel Illeris Poggi, Louise Vølund Anderson, Cilius Fonvig, Jens-Christian Holm
- P03.051** **MONUCO: Monitoring Nutritional Consequences of Obesity Treatment on women's health and transgenerational effects for healthier future generations – a multi-centre prospective cohort study**
Agnes Agneta Maria Berendsen, Rebecca Schipper, Laura Heusschen, Lara Schepers, Femke Fleur Verstraete, Arianne Van Bon, Judith Van Laar, Ineke Krabbendam, Eric Hazebroek, Ellen Kampman
- P03.052** **Greater adherence to EAT-Lancet Diets in a Pediatric Population with Abdominal Obesity after a lifestyle intervention**
Amelia Martí del Moral, Gabriela Paula Buestan, Iztiar Zazpe, Cristina Azcona San Julián, Ana Ojeda Rodríguez
- P03.054** **Healthy Kids, healthy future: preliminary results from the LIVELY project**
Sara Basílico, Maria Vittoria Conti, Ilaria Ardoino, Chiara Breda, Federica Loperfido, Angeliki Sofroniou, Francesca Orsini, Maria Luisa Ojeda Marínez, Laura Pierini, Stefano Conca Bonizzoni, Elisabetta Modena, Federica Villa, Hellas Cena, Marta Baviera, Carlotta Franchi
- P03.055** **The Sino-Canadian Healthy Life Trajectories Initiative (SCHeLTI): Design, Implementation, and Compliance with a Large-Scale Obesity-Prevention Intervention Trial**
Olivia De Jongh González, Jianxia Fan, Isabelle Marc, Hong Jiang, Andraea Van Hulst, Claire N. Tugault Lafleu, Yanting Wu, Catherine Allard, Fengxiu Ouyang, Nadia Abdelouhab, Jean Patrice Baillargeon, William Fraser, Hefeng Huang, Louise C. Masse
- P03.056** **National Czech child obesity Prevention Program BE FIT 24**
Jiri Suchy, Jan Hlubik, Lenka Lhotská, Lenka Vysloužilová, Kristýna Martináková, Lucie Mandelová, Petr Jehlička

POSTER SESSION

- PO3.057** **Weight development in children with obesity without treatment: A Danish cohort study with long-term follow-up**
Rasmus Møller Jørgensen, Jens Meldgaard Bruun, Mette Fogh, Iris Albata Iglesia, Luis A Moreno, Henrik Støvring, Jane Nautrup Østergaard
- PO3.058** **Prevalence of anorexia nervosa and bulimia nervosa in non-pharmacological childhood obesity management**
Maria-Alexandra Blaedel, Sara Bech Finsen, Axel Illeris Poggi, Louise Vølund Anderson, Maria Martens Fraulund, Cilius Fonvig, Jens-Christian Holm
- PO3.059** **Autism in children with obesity: prevalence and associated factors**
Kathy Looney, Rachel Flanagan, Ronan O'malley, Kathy Looney
- PO3.060** **Association of Fibroblast Growth Factor-21 and Leptin to Adiponectin Ratio with Hepatic Steatosis in Pediatric Obesity**
Hyeji An, Yoon Myung Kim, Hyunjung Lim, Kyung Hee Park
- PO3.061** **Factors influencing use and choice of Core Outcome Sets and Outcome Measurement Instruments in trials of interventions to prevent childhood obesity**
Eibhlín Looney, Moira Duffy, Dimity Dutch, Brittany Johnson, Victoria Brown, John Browne, Declan Devane, Janas Harrington, Catherine Hayes, Patricia M Kearney, Jamie J Kirkham, Patricia Leahy Warren, Andrew W Murphy, Sarah Redsell, Anna Lene Seidler, Helen Skouteris, Darren Dahly, Karen Matvienko Sikar
- PO3.062** **Families Experiences of mHealth Care in the Treatment of Childhood Obesity – a qualitative study**
Terese Torstensson, Lovisa Sjogren, Jenny Kindblom, Josefine Roswall, Kajsa Järholm, Emma Kjellberg, Marie Löf
- PO3.063** **Emotional and behavioral risk factors of overweight and binge-eating in Danish (pre-)adolescents**
Elena Jansen, Matteo Martini, Else Marie Olsen, Nadia Micali
- PO3.064** **Increased levels of Syndecan-3 are associated with childhood obesity**
Diego Muñoz Moreno, Eva Prida Garcia, Axel Y Baumann, Raquel Perez Lois, Miguel Bascos Otero, Laura Díaz Garzón Dopico, Beatriz Brea Garcia, Maria Villalon Garcia, Rosaura Picans Leis, Rocio Vazquez Cobela, Luisa María Seoane Camino, Rosaura Leis Trabazo, Omar Al Massadi Iglesias, Mar Quñones Téllez
- PO3.065** **Association between components of metabolic syndrome and diabetic neuropathy in peoples with type 2 diabetes: Results from a National Health Insurance Service-National Sample Cohort, 2015**
Chong Hwa Kim, Su Jin Jeong, Dae Jung Kim, Sung Rae Kim
- PO3.066** **Effect of the SARS-CoV-2 pandemic on screen time and mobile phone use in children and adolescents in Spain. PASOS Study 2019-2023**
Napoleon Perez Farinos, Juan Carlos Benavente Marin, Edelys Crespo Oliva, Alvaro Oostrom Rodríguez, Santiago Felipe Gomez, Helmut Schroder, Antoni Colom Fernández, Julia Warnberg
- PO3.067** **Effect of High-Intensity Interval Training on Mental Health in Children and Adolescents undergoing Multidisciplinary Lifestyle Intervention: A Randomized Controlled Trial**
Charlotte Nørkjær Eggertsen, Ryan Godsk Larsen, Esben Thyssen Vestergaard, Tine Caroc Warner, Jens Brøndum Frøkjær, Aase Handberg, Anne Vingaard Olesen, Clara Ellevang Vad, Signe Heuckendorff, Christina Horsager, Søren Hagstrøm
- PO3.068** **Vitamin D deficiency in children with obesity: a systematic review of literature**
Thomas Del Monaco Rezende Oliveira Cardoso, Sergio Oliveira Cardoso
- PO3.069** **Educational Needs for Pediatric Obesity Care Coordinator: Developing Effective Community Based Personalized Obesity Management Program in Children and Adolescents**
Sochung Chung, Sung Hyun Kim, Jung Yeon Yang, Su Jin Park, Yong Hee Hong
- PO3.070** **Is dietary lipid profile affected by sedentary habits and children's eating behavior in young children with overweight/obesity?**
Josep A Tur, Silvia García, Marina Ródenas, Emma Argelich, David Mateos, Lucia Ugarriza, Cristina Bouzas Velasco
- PO3.071** **Impact of COVID-19 lockdown on body weight in children: a 4-year follow-up of children during and after COVID-19 lockdown**
Markéta Vaňková, Radka Taxová Braunerová, Marie Kunešová, Tereza Svobodová, Josef Včelák, Tereza Metelcová

POSTER SESSION

- P03.072** **Prevalence of overweight and obesity among Ukrainian children aged 6-8 years in the context of martial law emergency**
Yuliia Kotykovich, Olena Zaporozhska, Yuliia Arabska, Tetiana Bondar, Oleksii Haniukov, Vladyslav Zbanatskyi, Iryna Skoribun, Denys Dmytriiyev, Nam Mykhailo Nguien, Andrii Skipalskyi, Juma Khudonazarov, Oleksandr Yurchenko, Olga Gvozdetzka, Olena Nesterova
- P03.073** **Prevalence of overweight and obesity in 7-year-old Czech children between 2019-2023**
Tereza Svobodová, Tereza Metelcová, Radka Taxová Braunerová, Marie Kunešová, Josef Včelák, Markéta Vaňková
- P03.074** **UK Tier 3 Childrens obesity service: Experience of inpatient stay as part of holistic weight management strategy**
Jodi Kathryn Wood, Emma Jayne Woodward Smith, Frances Breed, Joanne Dove, Hannah Bone, Lauren Snow, Rachel Williams, James Law, Pooja Sachdev
- P03.075** **Determinants of Exclusive Breastfeeding Initiation and Continuation through the first month: Health4EUkids Pilot Study in Patra, Greece**
Emmanuella Magripis, Sofia Giannelou, Eleni Papachatzzi, Niki Myrintzou, Lydia Kratsa, George Karydas, Vasiliki Iliopoulou, Apostolos Vantarakis
- P03.076** **Not for children's ears? Parents recall childhood obesity treatment for their young children**
My Sjunnestrand, Nicklas Neuman, Anna Ek, Karin Nordin, Karin Eli, Kajsa Järholm, Ximena Ramos Salas, Paulina Nowicka
- P03.077** **Childhood BMI trajectories and the risk of hypertension in adulthood**
Dominique Searle
- P03.078** **Associations between childhood BMI trajectories and adult heart failure**
Elisabeth Wreford Andersen, Julie Aarestrup, Dominique Searle, Lise Geisler Bjerregaard, Jennifer Lyn Baker
- P03.079** **Process evaluation of the NAPSACC UK randomised controlled trial: an environmental nutrition and physical activity intervention in early childhood education and care settings in the UK**
Rebecca Langford, Jemima Cooper, Stephanie Chambers, Kimberly Hannam, Tom Reid, Madeleine Cochrane, Russell Jago, Sharon Simpson, Miranda Pallen, Ruth Kipping
- P03.080** **Prevalence of sarcopenic obesity among adolescents with overweight and obesity and association with physical activity, physical fitness, and cardiometabolic outcomes**
Khwanhathai Waitayawongsakul, Sirinapa Siwarom, Oraporn Dumrongwongsiri, Jeeraparn Phosuwattanakul, Tidarat Sriboonyong, Alisa Wecharak, Phanphen Phoonlapdacha
- P03.081** **Nutritional profile and prevalence of cardiovascular risk in children treated in a nutrition outpatient unit**
Renata Galyao Cintra, Thataba Koester Weber, Luiza Cristina Godim Domingues Dias, Julia Cury Cunha
- P03.082** **The association between maternal vitamin D levels and infant birth weight for gestational age in pregnancy after bariatric surgery: need for future research and updated guidelines**
Laura Heusschen, Marieke Prins, Arianne Van Bonn, Judith Van Laar, Ineke Krabbendam, Eric Hazebroek, Agnes Berendsen
- P03.083** **Self-reported symptoms of anxiety and depression in young people living with obesity attending a paediatric weight management service, using the Revised Child Anxiety and Depression Scale (RCADS)**
Georgia O'Reilly, Rachel Eastaugh, Fran Washington, Helen Robinson, Caroline Steele, Mandy Nathan-Moss
- P03.084** **Effectiveness of NAPSACC UK: an environmental nursery nutrition and physical activity cluster randomised controlled trial**
Ruth Kipping, Sharon Anne Simpson, Kimberly Hannam, Peter Blair, Russell (Russ) Jago, Corby Martin, Zoi Toumpakari, Laura Johnson, James Garbutt, Rachel Maishmann, James White, Rebecca (beki) Langford, William Hollingworth, Madeleine Cochrane, Laurence Moore, Dianne Stanton Ward, Anne Martin, Stephanie Chambers, Tom Reid, Megan Pardoe, Alexandra Dobell, Marie Murphy, Susan Stratton, Jemima Cooper, Miranda Pallen
- P03.086** **Cardiometabolic baseline characteristics of Young Adults with Early-onset Obesity Treated with Semaglutide – the RESETTLE trial**
Lærke Bruun Madsen, Joachim Holt, Sarah Byberg, Rasmus Sandsdal, Simon Jensen, Louise Aas Holm, Axel Illeris Poggi, Bodil Christensen, Yun Huang, Cilius Esmann Fonvig, Torben Hansen, Jens Christian Holm, Signe Sørensen Torekov

POSTER SESSION

- PO3.087 Long-Term Socio-Economic Outcomes of Pediatric Obesity: A Population-Based Cohort Study**
Emilia Hagman, Resthie R Putri, Pernilla Danielsson, Claude Marcus
- PO3.088 The Use of Personalised Health Budgets to Enable Access to Physical Activity for Young People Living with Obesity – a Pilot Intervention**
Lauren Snow, Rachel Williams, Poppy Hickling, Pooja Sachdev, James Law
- PO3.089 Launching A New Obesity Calculator for European Children and Adolescents: The Agbaje's Waist-to-Height Ratio Calc**
Andrew O Agbaje
- PO3.090 Early variations in body mass index trajectories and metabolic syndrome; a study across two generations of Northern Finland Birth Cohorts**
Mavis Fosuaa Boateng, Anni Heiskala, Rozenn Nedelec, Sylvain Sebert, Priyanka Choudhary
- PO3.091 Indications of Empiric Vitamin D Deficiency Treatment in Children and Adolescents with Elevated BMI**
Mona A Fissa, Sahana Koladi, Michael Yafi, Syed Hashmi
- PO3.092 Spatiotemporal Assessment of Obesity Risk in Children and Adolescents in the Balearic Islands**
Antoni Colom Fernández, Maurici Ruiz Pérez, Montserrat Compa Ferrer, Pau Morell Crespi, Raffaele Albano
- PO3.093 Subcutaneous and visceral adipose tissue lipidome in children reveals novel lipid species involved in obesity**
Andrea Soria Gondek, Carolina González Riano, Pablo Fernández García, Belén Requena, Lorena González, Marjorie Reyes Fariás, Marta Murillo, Aina Valls, Nativitat Real, Francesc Villarroya, Patricia Corrales, Rubén Cereijo, Laura Herrero, Coral Barbas, David Sánchez Infantes
- PO3.094 Closing the Gap: Developing a Digital Therapy to tackle juvenile Obesity - KLASOnline**
Sabine Pawellek, Thomas Wendeborn, Hagen Wulff
- PO3.095 "When I encounter walls of resistance, time's up just like that": Healthcare professionals' perceived barriers, facilitators, and their (inter)relationships in conversations with children with overweight and their caregivers – A qualitative study**
Lisanne Arayess, Gwen Westerhof, Anita Vreugdenhil
- PO3.096 Reaching consensus on screening approaches and preventive lifestyle interventions for childhood overweight/obesity and metabolically unhealthy obesity in school settings: a Delphi method**
Georgios Saltaouras, Mary Yannakoulia, Michael Georgoulis, Eirini Bathrellou, Urška Smrke, Izidor Mlakar, Vasiliki Bountziouka, George Dimitrakopoulos, Eleni Politi, Meropi D Kontogianni
- PO3.097 Understanding hypertrophic adiposity in children through spatial transcriptomics**
Marcela Parra Vargas, Daniela Grases, Mario Cuesta Argos, Yumo Xien, Ana Bataller, Flavio Palmieri, Marta Ramon Krauel, Carles Lerin, Eduard Porta, Andrea Soria Gondek, Josep C Jimenez Chillaron
- PO3.098 Time-trends in the adiposity and fat distribution among children and adolescents from Kraków (Poland) since the beginning of the 21st century (from 2000 to 2020)**
Łukasz Kryst, Magdalena Żegleń, Mariola Agnieszka Woronkiewicz, Małgorzata Kowal
- PO3.099 Adding glucagon-like peptide-1 receptor agonists to long-term lifestyle treatment in two children with leptin receptor deficiency**
Annika Janson, Gunilla Morinder
- PO3.100 High birth weight is associated with obesity in children and adolescents**
Marco Brandimonte-Hernández, Sophia M Blaauwendraad, Arwen RJ Kamphuis, Eduard Flores-Ventura, Marieke Abrahamse-Berkeveld, Maria C Collado, Janna A van Diepen, Patricia Iozzo, Karen Knipping, Carolien van Loo-Bouwman, Romy Gaillard, Angel Gil, Francisco Javier Ruiz-Ojeda
- PO3.101 Examination of emotional eating behaviors and nutritional statuses of adolescents residing in institutions affiliated to the ministry of family and social services of The Republic of Türkiye**
Ecem Polat, Zeynep Özerson Koç, Billur Biliközen Aygün
- PO3.102 Longitudinal Relationships Between Physical Fitness and Body Composition and in Preschool Age and Glucose Levels in Adolescence: preliminary findings from the PREFIT-UP Project**
Maria Elena Atencia Rodriguez, Natalia García Corada, Víctor Manuel Alfaro Magallanes, María Herrada Robles, David Rodriguez Sanchez, Luis Gracia-Marco, Idoia Labayen, María Medrano, Cristina Cadenas-Sanchez

POSTER SESSION

- P03.103** **Evaluation of the relationship between nutrition literacy levels and body mass index of high school adolescents**
Beyza Gül Çetin, Zeynep Özerson Koç, Billur Biliközen Aygün
- P03.104** **Adherence to dietary recommendations is low regardless of weight in Finnish elementary school-aged children with normal weight and overweight/obesity**
Ella Koivuniemi, Outi Nuutinen, Kirsi Laitinen
- P03.105** **Analysis of nutritional behavior and lifestyle in children and adolescents with obesity - preliminary results**
Dawid Goncerz, Ewa Baran, Anna Stepniewska, Ewa Szczudlik, Agnieszka Koziol Kozakowska, Małgorzata Wójcik
- P03.106** **The Role of Nutritional Intervention in a Multidisciplinary Approach to Pediatric Obesity Management: A Case-Based Study**
Bogdan Mihai Pascu, Anca Balanescu, Ema Claudia Margineanu
- P03.107** **relationship between the pro-inflammatory state, serum adipokines and insulin resistance in Algerian adolescents with obesity or overweight**
Yasmina Ghedada, Akila Zenati
- P03.108** **A Post Hoc Subgroup Analysis of an Obesity Prevention Intervention for Children Susceptible to Obesity: The Healthy Start Study**
Elizabeth Mannion, Kristine Bihrmann, Berit Lilienthal Heitmann, Christian Ritz
- P03.109** **Breaking barriers: tackling childhood obesity through early intervention and systemic family support**
Yasemin Mustafa, Sevim Mustafa, Janet Biglari
- P03.110** **Feasibility and reproducibility of a school-based protocol measuring energy balance related behaviors and obesity among adolescents with contrasting socioeconomic status**
Bianca Boi, Julio Del Amo, Tangui Barré, Themis Apostolidis, Patrizia Carrieri, Maxime Luiggi
- P03.111** **Training healthcare professionals to manage childhood obesity: a scoping review of educational interventions**
Angela Hickey, Tara O'leary, Sonia Ciuciu, Neya Chander, Desire Naigaga, Grace O'malley
- P03.112** **OBESITY GREATLY AMPLIFIES THE MAGNITUDE OF THE ASSOCIATION BETWEEN THE p.T148M POLYMORPHISM OF PNPLA3 GENE AND LIVER STEATOSIS IN CHILEAN ADOLESCENTS**
José L. Santos, Gigliola Alberti, Patricio Miranda, Idoia Labayen, Alejandra Lagos, florencia de barbieri, Cristián García, Ana Pereira, Juan Cristóbal Gana
- P03.114** **Western diet, overweight and obesity increase the risk and progression of steatotic liver disease associated with metabolic dysfunction**
Natalia Lates Profir, Rafael Ríos De Moya Angeler, David Planes Muñoz, Enrique Casado Galindo, María Eugenia Gutiérrez Peralta, Martín López Marín, Juana Valero Morenilla, María Del Carmen Frontela Saset, Rubén López Nicolás
- P03.115** **What are good outcomes for BMI reduction in children's obesity? Is it the rate of change which is important? A study of BMI trajectory before and after engagement with the paediatric complications of excess weight service in South Yorkshire**
Nivedita Aswani, Hannah Peachey, Eve Bennett
- P03.116** **Links between sedentary behavior and body weight among 7-8-year-old Lithuanian children**
Ausra Petrauskienė, Vita Spečkauskienė, Monika Grincaite, Aurelija Salomskienė, Silvija Daugėlaite
- P03.117** **Current and proposed care pathways for managing obesity-related complications in patients with Prader-Willi Syndrome (PWS)**
Salma Mohamed, Amanda Peacock
- P03.118** **Characterization of the circulating proteomic profile in children with obesity and its modulation following a behavioral intervention**
Andrea Soria Gondek, Marta Murillo, Aina Valls, Mirian Lozano, Nativitat Real, Rubén Cereijo, Laura Herrero, David Sánchez Infantes, Lorena González
- P03.119** **Glucagon-like peptide-1 receptor agonists likely explain that more children achieved a treatment effect of BMI -0.25 units in the first 24 months of third-level obesity treatment**
Annika Jansson, Resthie Putri, Emilia Hagman

POSTER SESSION

- P03.120** **Associations Between Dietary Patterns and Body Composition in Spanish Children with Obesity: A Cross-Sectional Analysis of the IBEROMICS Pediatric Cohort**
Victor Silveira-Sanguino, Mireia Bustos-Aibar, Álvaro Torres-Martos, Rosaura Leis, Gloria Bueno-Lozano, Rocío Vázquez Cobela, Pilar De Miguel-Etayo, Augusto Anguita-Ruiz, Concepcion M. Aguilera, Carmen Piernas
- P03.121** **Clinical results of GLP-1 Analogues in Combination with Lifestyle Interventions on Weight, BMI and Body Composition Children and Adolescents with obesity**
Hasan Jaber, Markus Brissman
- P03.122** **Physical activity patterns in children and adolescents with and without obesity: Associations with BMI z-score and blood markers of glucose and lipid metabolism**
Axel Illeris Poggi, Maria Martens Fraulund, Louise Vølund Anderson, Cilius Esmann Fonvig, Jens Christian Holm
- P03.123** **Weight Management for Children and Young People living with severe obesity: holistic bespoke MDT approach and lessons learnt**
Pooja Sachdev
- P03.124** **Protocol of the PREFIT-UP Project: Longitudinal Study on Physical Fitness, Cardiovascular Health, and Emotional Well-being in Adolescent**
David Rodriguez-Sanchez, Maria Herrada-Robles, María Elena Atencia Rodríguez, Jesús García Arive, Unai Xabier Azcárate Jiménez, Mikel Markotegi, Diego Moliner-Urdiales, Hugo Olmedillas, Sebastià Mas Alòs, Usue Ariz, Garazi Angulo Garay, Milkana Borges Cosic, Natalia García Corada, Alba Rusillo-Magdaleno, Aina Galmes, Daniel Navarro Ardoy, Joaquin Sanchis-Moysi, Gabriel Lozano-Berges, Ana Peinado Lozano, María Carmen Gomez-Cabrera, David Jiménez-Pavón, Vicente Martínez Vizcaino, Idoia Labayen, María Medrano, Cristina Cadenas-Sanchez
- P03.125** **Early-life adipose tissue alterations and their association with impaired metabolic health after in-utero adipogenic programming – a PEACHES cohort interim analysis**
Julia Anna Maria Schwarz, Andrea Schlune, Chunfang Zhang, Stefan Buchka, Ulrich Mansmann, Regina Ensenauer
- P03.126** **Transition of care for adolescents and young adults with obesity: a systematic review with indirect evidence to inform a clinical practice guideline**
Gabriel Torbahn, Philipp Kapp, Jana Brauchmann, Luise Laudenbach, Nicole Vaneras, Edrienne Patricia Alves Accioli Rocha, Kathrin Grummich, Julia Lischka, Gundula Ernst, Joerg J Meerpohl, Antje Tannen, Daniel Weghuber, Susann Weihrach-Blüher, Susanna Wiegand
- P03.127** **Inflammation in Adipose Tissue of Male Children Associated with Obesity**
Robert Mujkić, Darija Snajder Mujkić, Karla Rožac, Ivana Ilić, Nikolina Lazić, Tanja Kovač Lukić, Anđela Grgić, Dalibor Divković, Kristina Selthofer Relatić
- P03.128** **Investigating the association between dietary habits and attitudes of mothers and their children's childhood body mass index percentiles**
Meltem Erol, Orhan Çeliker, Esra Yekebaş, Semanur Çankaya, Didem Kafadar
- P03.129** **Family wealth inequalities in Portuguese children's health-related quality of life according to weight status - findings from COSI/WHO Europe study**
Ana Rito, Maria Fátima Martins, Marta Gaspar, Alexandra Bento, Cristina Abreu Santos
- P03.130** **Social determinants of adiposity in school-aged children and adolescents: preliminary results of the MUGI project**
Gemma Bermejo-Martínez, Jesus Garcia Arive, Unai Azcárate, Mikel Markotegi, Maddi Osés, Jon Echarte, Victor Manuel Alfaro Magallanes, Claudia Izquierdo, Cristina Cadenas Sanchez, María Medrano, Idoia Labayen
- P03.131** **Body Composition Plays A Role In Shaping Cardiovascular Risk In Children With Multifactorial Dyslipidemia**
Gaya Hamou, Asaf Ben Simon, Michal Yackobovitch Gavan, Hagar Interator, Adar Lopez, Ronit Lubetzky, Avivit Brenner, Yael Leventhal
- P03.132** **Physical fitness cut-off points for early detection of general and central obesity risk in preschoolers: The PREFIT project**
Maria Herrada-Robles, IDOIA LABAYEN, Miguel Angel Rojo-Tirado, JOAQUIN SANCHIS-MOYSI, VICENTE MARTINEZ VIZCAINO, José Castro-Piñero, Diego Moliner-Urdiales, Josep Vidal-Conti, Germán Vicente Rodríguez, Grant Tomkinson, Cristina Cadenas Sanchez

POSTER SESSION

- P03.133** **GLP-1 Receptor Agonists in Children and Adolescents with Obesity: A Systematic Review**
Roberta Rodex De Alencar Naumann, Mariana Nobre de Almeida Dias, Tiago Dias, Elza Mello, Diogo Toledo, Guilherme Girelli, Alessandra Bedin-Pochini
- P03.134** **Connecting oral to physical health in childhood obesity, a holistic dental and medical collaboration – making every contact count**
Nivedita Margaret Aswani, Jessica Large, Thomas Dyer, Joanne Charlesworth, Emma Bingham, Zoe Marshman, Adrian Jowett
- P03.135** **The integration of a Citizen's Advice (CA) Worker within a Complications from Excess Weight (CEW) clinic multidisciplinary team for childhood obesity**
Nivedita Margaret Aswani, Sarah Baker, Marianne Damtsas, Peter Ryan
- P03.136** **Waist-to-height ratio in 7-year-old Czech children in the years 2008-2023**
Radka Taxová Braunerová, Tereza Metelcová, Marie Kunešová, Tereza Svobodová, Josef Včelák, Markéta Vaňková
- P03.137** **The development of a digital self-management platform and app for children and young adults (CYA) with, or at risk of, Type 2 diabetes (T2D), covering many aspects of lifestyle management towards a healthier weight for prevention and remission**
Nivedita Margaret Aswani, Maddie Julian, Salma Mehar, James Yong, Kate Brennan, Emma Bell, Fiona Campbell
- P03.138** **The ethical, legal and social issues raised by childhood obesity interventions and policies: a systematic qualitative review**
Marthe Smedinga, Stuart McLennan
- P03.139** **Children and young people's perspectives on obesity treatment and body image: a qualitative study**
Tove Langlo Drilen, Ellen Margrete Iveland Ersfjord, Trine Tetlie Eik Nes, Rønnaug Astri Ødegård
- P03.140** **Comparative analysis of relative telomere length between individuals with metabolically healthy obesity and metabolically unhealthy obesity**
Maha Z. AlRiyami, Amira Al Kharusi, Tahani K. Al Shua'ili, Sana F. Hesari
- P03.141** **Early learning from 'ENHANCE' - Evaluating the NHs engLAND Complications of Excess weight clinics**
Catherine Homer, Louisa Ellis, James Nobles, Jamie Matu, Lucie Neild, Veronica Swallow, Adam Martin, Karen Coulman, Claire Griffiths, Nivedita Aswani, Neil Wright, Julian Hamilton Shield, Caroline Steele, Elysa Iannou, Kath Sharman
- P03.144** **Before screen time and dietary habits as predictors weight gain problems in adolescence**
Tzvetelina Totomirova, Mila Arnaudova, Nikolay Kostadinov
- P03.145** **Before screen time and dietary habits as predictors of weight gain problems in adolescence**
Tzvetelina Totomirova, Mila Arnaudova, Nikolay Kostadinov
- P03.146** **Hypogonadism in patients with Prader-Willi syndrome: Genital and Pubertal Assessment**
Alba Hernández Lázaro, Alex Moreno Armengol, Rocío Pareja, Laia Casamitjana Espuña, Andreea Muntean, Valeria Arsentales Montalva, Judith Jover, Ángela Vegas, Olga Giménez Palop, Assumpta Caixàs, Raquel Corripio
- P03.147** **Changes of Nutritional Status of First Grade Lithuanian Children during 15 Years of the Surveillance**
Vita Speckauskienė, Aušra Petrauskienė, Monika Grincaite, Aurelija Salomskienė
- P03.148** **Comprehensive family based weight management intervention for children with Complex Health Needs: Service Evaluation of Children Weight Management Service**
Alaa Adwan, Ranjana Babber, Asiye Sirin Ayva, James Roast, Sophie Edwards, Paul Gately
- P03.149** **The role of Bulimia Nervosa in hormonal and metabolic profile, as well as in menstrual pattern, of overweight and obese adolescents**
Vasileios Karountzos, Georgios Panotopoulos, Evangelos Makrakis, Flora Bacopoulou, Evangelia Deligeoroglou, Efthimios Deligeoroglou
- P03.150** **Polygenic scores of plasma triglycerides and body mass index in prepubertal children are strong determinants of adolescent hypertriglyceridemia in a Chilean pediatric cohort**
José L. Santos, Ignacio Alvarez, Gigliola Alberti, Jose patricio miranda, Idoia Labayen, Camila Corvalán, Ana Pereira, Juan Cristóbal Gana

POSTER SESSION

- P03.151** **Morelife Physical Activity Club: an adventure therapy-based weight management approach for children and young people**
Asiye Busra SIRIN AYVA, Emma Nicholls, Grace Shiplee, James Roast, Sophie Edwards, paul gately
- P03.152** **Outcomes of Physical activity referral scheme (PARS) pilot programme with Client Feedback**
Asiye Busra SIRIN AYVA, Andrew Taylor, James Roast, Sophie Edwards, Paul Gately
- P03.153** **Dysfunctional Uterine Bleeding as an early sign of Polycystic Ovary Syndrome during adolescence**
Vasileios Karountzos, Efthimios Deligeorgiou, Evangelos Makrakis, Flora Bacopoulou, Evangelia Deligeorgiou, Georgios Panotopoulos
- P03.154** **Multimodal health behaviour-changing interventions for children living with obesity – a Cochrane review with meta-analyses to inform the evidence-based guideline by the WHO**
Juan Victor Ariel Franco, Yang Guo, Brenda Bongaerts, Maria-Inti Metzendorf, Jan Hindemit, Zakariya Aqra, Murad Alhalahla, Karina Tapinova, Esteban Villegas Arbelaez, Omolola T Alade, Mauricio Medina Rodriguez, Karen Rees, Lena Al-Khudairy, Gabriel Torbahn, Louisa J Ellis
- P03.156** **Physical inactivity predisposes to obesogenic lifestyle patterns in early adolescence**
Vjollca Shpata, Xhensila Prendushi, Klejda Tani, Alma Nurçe, Albana Shahini, Alma Soxhuku
- P03.157** **A UK-Based Specialist Children Weight Management Approach: The Family and Parenting Groups**
Asiye Busra SIRIN AYVA, Nadine Heywood, Alaa Adwan, James Roast, Sophie Edwards, paul gately, Matt Buckley
- P03.158** **Implementation Fidelity of a pilot Tier 3 Child Weight Management Service: A Process Evaluation**
George Sanders, Asiye Busra SIRIN AYVA, James Roast, Sophie Edwards, paul gately
- P03.159** **Multimodal health behaviour-changing interventions for adolescents living with obesity – a Cochrane review with meta-analyses to inform the evidence-based guideline by the WHO**
Juan Victor Ariel Franco, Yang Guo, Brenda Bongaerts, Maria-Inti Metzendorf, Jan Hindemit, Zakariya Aqra, Murad Alhalahla, Karina Tapinova, Esteban Villegas Arbelaez, Omolola T Alade, Mauricio Medina Rodriguez, Karen Rees, Lena Al-Khudairy, Gabriel Torbahn, Louisa J Ellis
- P03.160** **Frequency of Bardet-Biedl syndrome variants in a population with early-onset obesity**
Jesús Argente, Giuseppina Rosaria Umano, Melek Yildiz, Lior Carmon, Patrick Sleiman, Charles Savoie, Carel W. Le Roux, Anthony P. Goldstone
- P03.161** **Childhood Obesity Through a Clinical Lens: Exploring Causes, Challenges, and Consequences**
Monica Simina Mihuta, Denisa Pescari, Dana Stoian, Corina Paul
- P03.162** **Development of a Large Language Model Chatbot to aid healthcare professionals in Childhood Obesity Management**
Emmanouil Chatzakis, Athanasios Kakasis, Marianna Panagiotidou
- P03.163** **Treatment of Obesity in Adolescents: A Significant Challenge**
Sandra Andino, Mónica Lukasiewicz, Gustavo Matus, Silvina Trossero, Fernanda Leonardi, Jorge Clariá, José Cooke
- P03.164** **Trends in Body Mass Index, Overweight, and Obesity Among Male and Female University Students**
Daniela Rodrigues, Cristina Padez
- P03.165** **Intertwined pathways: Longitudinal evidence on weight status and mental well-being in children and adolescents**
Stine Schramm, Iben Rask Heuck, Nina Rica Wium Geiker, Cathrine Lawaetz Wimmelmann
- P03.166** **Outcomes of GLP-1 usage in childhood obesity**
Rayna Stoyanova, Kalina Topuzova, Iliyana Kaleva
- P03.167** **Assessing eating behavior and hunger/satiety using a lab- ad libitum test meal in school-age children with obesity**
Nicoletta Gianni, Chiara Spiezia, Alessia Aureli, Yeganeh Manon Khazrai, Danilo Fintini, Melania Manco
- P03.168** **Universal obesity school-based prevention program for Spanish adolescents: baseline situation**
Eva Pereda-Pereda, Jone Galdos Madina, Rosa Lasagabaster Armendariz, Karnele Salaberria, Asier Léniz Rodríguez
- P03.169** **The Silent Threat: How Childhood Obesity and Insulin Resistance Shape Arterial Health**
Monica Simina Mihuta, Denisa Pescari, Corina Paul, Dana Stoian

POSTER SESSION

- P03.170** **The Early Burden of Childhood Obesity: Exploring Arterial Stiffness, Subclinical Atherosclerosis, and Preventable Risk Factors**
Monica Simina Mihuta, Denisa Pescari, Corina Paul, Dana Stoian
- P03.171** **Voices for the future: what children's preferences, perceptions, knowledge, tell us about the food environment, food choices and the way forward?**
Andreia Filipa Neves Silva, Rui Tavares, Paulo Oliveira, João Ramalho-Santos, Anabela Marisa Azul
- P03.172** **Validity of Several Equations for Predicting Resting Energy Expenditure in Pediatric Patients with Crohn's disease**
Elisa Merchán Ramírez, Marta Herrador-López, Begoña Esteban San Narciso, Víctor Manuel Navas-López, Guillermo Sanchez-Delgado, RAFAEL MARTÍN-MASOT
- P03.173** **The microbiota of children with obesity is associated with carbohydrates and insulin resistance**
Flavia Prodam, Roberta Ricotti, Alice Caramaschi, Valentina Manciozzi, Valentina Antonioti, Marina Caputo, Francesca Archero, Nicoletta Filigheddu, Sabrina Tini, Marcello Manfredi, Nadia Massa, Simonetta Bellone, Elisa Bona
- P04.023** **The effect of an ultra-processed diet rich in saturated fats on type 2 diabetes mellitus and obesity**
Tatiana Palotta Minari, Veridiana Vera de Rosso, Carolina Freitas Manzano, Louise Buonalumi Tácio Yugar, Tatiane De Azevedo Rubio, Lúcia Helena Bonalumi Tácio, Antônio Carlos Pires, José Fernando Vilela Martin, Luciana Neves Cosenso Martin, Juan Carlos Yugar-Toledo, Heitor Moreno, Luciana Pellegrini Pisani
- P04.024** **Quantitative Analysis of the Caloric Restriction versus Isocaloric Diets Models based on Macronutrients Composition: Impacts on Body Weight Regulation, Anthropometric and Bioimpedance Parameters in Women with Obesity**
Pescari Denisa, Mihuta Simina, Bena Andreea, Stoian Dana
- P04.025** **Comparative Analysis of Dietary Habits and Obesity Prediction: Body Mass Index Versus Body Fat Percentage Classification Using Bioelectrical Impedance Analysis**
Pescari Denisa, Mihuta Simina, Bena Andreea, Stoian Dana
- P04.026** **Development of a Comprehensive Risk Prediction Model for Arterial Stiffness Assessment in Individuals with Obesity**
Stoian Dana, Mihuta Simina, Bena Andreea, Pescari Denisa
- P04.027** **Significance of nutritional interventions in patients with metabolic syndrome**
Amina Şeta
- P04.028** **Weight and behavior Management in a Patient with Smith-Magenis Syndrome: Role of GLP-1 Receptor Agonists**
Jorge César Correia, Zoltan Pataky
- P04.029** **Optimization of cardiorespiratory exercise parameters in patients with obesity in a view to individualize targeted metabolic training**
Mohamed Ridha GUEDJATI, Souad Maakouf, Dallel Adeila Taibi
- P04.030** **Effects of body composition on the cardiorespiratory capacities in patients with obesity**
Moahmed Ridha Guedjati, Souad Maakouf, Dallel Adeila Taibi
- P04.031** **Examining the Effect of an Obesity Suit Role-Playing Exercise on Weight Bias and Empathy in Nutrition Students**
Shiri Sherf-Dagan, Inbar Tayar Wachsberger, Gizell Green, Michael Pinus, Sigal Tepper
- P04.032** **Weight management discussion in real-world GP-patient consultations: A qualitative analysis in Australian general practice**
Kimberley Norman, Neha Giri, Nilakshi Gunatillaka, Kellie West, Divya Ramachandran, Liz Sturgiss
- P04.033** **Cardiometabolic outcomes based on weight reduction in participants treated with tirzepatide: post hoc analyses from SURMOUNT-OSA trials**
Ingo Fietze, Hui Wang, Beverly L Falcon, Eva Lau, Josef Bednarič, Gaston L Cluzel, Georgios K Dimitriadis
- P04.034** **Perceptions and Attitudes Toward Obesity Management: A Survey of Healthcare Professionals in a Tertiary Care Setting in Dubai**
Sara El Ghandour, Mona Jouma, Ali Aldibbiat, Biborka Bereczky
- P04.035** **Glucagon-like peptide-1 receptor agonists versus bariatric metabolic surgery and obesity-related cancer**
Noga Ramot, Yael Wolff Sagy, Erez Battat, Ronen Arbel, Orna Reges, Dror Dicker, Gil Lavie

POSTER SESSION

- PO4.036 Maximizing outcomes: synchronizing liraglutide and tailored exercise in weight loss - a case study**
Carlos Blum, Pamela Lopez
- PO4.037 Obesity impacts employment, work productivity, and quality of life in real-world settings in Europe, the United States, and Australia**
Paolo Sbraccia, Esther Artime, Julie Mount, Sarah Zimmer Rapuch, Victoria Higgins, Lewis Harrison, Ximena Ramos Salas
- PO4.038 Laying the Foundations for the Development of a Digital Behavioral Intervention Adjunct to Incretin-Based Medications for Obesity: Preliminary Findings from Patients Interviews Pilot**
Tair Ben Porat, Bina Brukner, Gizell Green, Marilou Côté, Annabelle Fortin, Shiri Sherf Dagan
- PO4.039 Lifestyle, Mental Health and Physical Status among People with Overweight and Obesity**
Austeja Letukiene, Valentina Gineviciene
- PO4.040 Limited Weight Regain From Nadir Weight in SURMOUNT-1 3-Year Study**
Louis J. Aronne, Irina Jouravskaya, Dachuang Cao, Neena A. Xavier, Julia P. Dunn
- PO4.042 Sustaining Success - The effectiveness of a physiotherapy-led 12-week weight management intervention in the UK: a one-year follow-up**
Peter Lacey, Richard Myers-Ingram, Jade Sampford
- PO4.043 Apolipoprotein E genetic how predictor in obese people**
Tatyana Sentsova, Lidia Ilchenko
- PO4.044 Adiposity characteristics of women who developed gestational diabetes mellitus from individual participant data of diet and/or physical activity interventions in pregnancy**
Anna Boath, Louise Hayes, Luke Vale, John Allotey, Nicola Heselhurst
- PO4.045 Developing a Simple Non-Laboratory Based Machine Learning Tool for Prediabetes Screening: Preliminary Results**
Tanja Fredensborg Holm, Thomas Kronborg, Morten Hasselstrøm Jensen, Stine Hangaard
- PO4.046 Exploring the acceptability of three time-matched exercise interventions for increasing fitness in women living with obesity: a mixed-methods evaluation of the EXOFFIT study**
Mary E. Davis, Caitriona Cunningham, Catherine Blake, Grainne O' Donoghue
- PO4.047 Safety, tolerability, and clinical effects of petrelintide: a long-acting amylin analog**
Minna Brændholt Olsen, Jon Griffin, Ulrike Hövelmann, Stanislava Macura, Thue Johansen, Berith Fredsted Hagen, Helle Frimer Larsen, Evan Charles Frary, Dan Hesse, Tim Heise
- PO4.048 Effects of oral ingestion of Lactococcus lactis subsp. lactis CAB701 on body fat reduction in adults with overweight or obesity: a randomized, double-blind, placebo-controlled trial**
Sang Yeoup Lee, Ye Li Lee
- PO4.049 Achieving Stringent BMI Control was Associated with Reduced Predicted Risk of Type 2 Diabetes in Chinese Adult Patients with Obesity/Overweight: A Post hoc Analysis of SURMOUNT-CN**
Lin Zhao, Hanxi Zhang, Xiang Song, Yuzi Sun, Xiao Ma, Yang Yang, Xiaoying Li
- PO4.050 Exploring Network Pharmacology and Molecular Docking of E. tapos Yoghurt to Manage Maternal Obesity**
Ruth Naomi
- PO4.051 Atherogenic Index as a Marker of Obesity Incidence in Older Patients**
Simona Opris, Gianina Ioana Constantin
- PO4.052 Atherogenic Index and Cardiovascular Risk in Obese Older Patients**
Simona Opris, Gianina Ioana Constantin
- PO4.053 The effects of high protein intakes during energy restriction on body composition, energy metabolism and physical performance in recreational athletes**
Mikael F Kanaan, Samir Nait Yahia, Eric Doucet

POSTER SESSION

- PO4.054** **Impact of Three Dietary Strategies on Weight Loss, Metabolic Health, and Inflammatory Parameters in Overweight or Obese Adults: A Pilot Study**
Maria L. Miguel-Berges, Isabel Benedicto Toboso, Alicia Larruy García, Isabel Rueda De Torre, Ivie Manesch, Guiomar Masip, Luis Alberto Moreno
- PO4.055** **Effect of Omega-3 Fatty acids Supplementation on Muscle Mass, Fat Mass, and Visceral Fat of Hemodialysis Patients; A Randomized Clinical Trial**
Saeid Doaei, Maryam Gholamalizadeh
- PO4.056** **Association of nonalcoholic fatty liver disease with the different types of dietary carbohydrates: a cross-sectional study**
Saeid Doaei, Maryam Gholamalizadeh
- PO4.057** **Association of dietary antioxidant index with body mass index in adolescent**
Saeid Doaei, Maryam Gholamalizadeh
- PO4.058** **The association between obesity with treatment duration, ICU length of stay, and the risk of death in critically ill patients with COVID-19**
Maryam Gholamalizadeh, Saeid Doaei
- PO4.059** **The effect of FTO gene rs9939609 polymorphism on the association between colorectal cancer and different types of dietary fat intake: a case-control study**
Maryam Gholamalizadeh, Saeid Doaei
- PO4.060** **The effect of GLP-1RAs on mental health and psychotropic drug-induced metabolic disorders: A systematic review**
Sigrid Breit, Daniela Hubl
- PO4.061** **Dual amylin and calcitonin receptor agonist colulintide (LY3541105) increased cortisol in a phase 1 study**
John H Kregge, Olivier Benichou, Jenny Chien, Yiheng Liu, Gabor Varbiro, Edward J Pratt, Mark L Hartman, Axel Haupt
- PO4.062** **Selenium status varies from suboptimal to supersaturated in older adults after metabolic and bariatric surgery**
Gabriel Eksteen, Tim Vanuytsel, Roman Vangoitsenhoven, Ann Mertens, Matthias Lannoo, Ellen Deleus, Lia Griner, Bart Van der Schueren, Christophe Matthys
- PO4.063** **The epigenetic phenomena of the obesogenic state: A translational framework for reducing inflammation in adipose tissue**
Diego Gomes De Melo, Diana Santos, Mariana Martins Panzina De Macedo Camões, Vivian Cristina Da Cruz Rodrigues, Gustavo José De Sá Pereira, Nilton José Dos Santos, Leandro Pereira De Moura, Eugenia Carvalho
- PO4.064** **Waist-to-Height Ratio Cut-Off Points for Central Obesity in Individuals with Overweight Across Different Ethnic Groups**
Marwan El Ghoch, Leila Itani
- PO4.065** **Redistribution of Total and Segmental Body Composition Across Age in Individuals With Obesity**
Marwan El Ghoch, Antonino De Lorenzo, Leila Itani, Paola Gualtieri, Giulia Frank, Glauco Raffaelli, Massimo Pellegrini, Laura Di Renzo
- PO4.066** **New-onset type 2 diabetes and cancer risk independent of body mass index: a matched cohort analysis (China Kadoorie Biobank)**
Mengying Wang, Owen Tipping, Baiyong Shen, Siyi Zou, Shulin Zhao, Richard M Martin, Matthew Sperrin, Andrew G Renehan
- PO4.067** **Impact of a Low Glycemic Index Diet on Interleukins and Adiponectin Levels in Patients with Atherosclerotic Coronary Artery Disease**
Jamol Uzokov, Bakhromkhon Alyavi, Akbar Abdullaev, Djamshid Payziev
- PO4.068** **Weight reduction with tirzepatide use by baseline HbA1c category in adults with overweight or obesity and type 2 diabetes in SURMOUNT-2**
Gema Frühbeck, Naveed Sattar, Fabrizio Andreelli, Imane Benabbad, Sophia Kyoungah See, Dustin D Ruff, Gary Grant, Adam Stefanski, Fatih Tangi, Luis Emilio García Pérez
- PO4.069** **Screening for Hepatic Fibrosis Using The FIB-4 Biological Score in Obese Patients: A Case Report of 70 Patients**
Neima Hassan Aden, Sara Ijdda, Sana Rafi, Ghizlane El Mghari, Nawal El Ansari

POSTER SESSION

- PO4.070** Use and Effectiveness of Once-weekly Semaglutide in US Adults with Overweight or Obesity in Clinical Practice
Timothy Arnaut, Riya Arora, João Fernandes
- PO4.071** From guideline to practice: implementing an integrated care approach for obesity in children and adults within one family; a pilot
Renée IJzerman, Marian Sijben, Leandra Koetsier, Claudia Bolleers, Bibian Van Der Voorn
- PO4.072** The Impact of Bariatric-Metabolic Surgery on Biopsychosocial Wellbeing: A Qualitative Pilot Study of the DigiWELL Project
Veronika Horká, Barbora Kaštovská, Marcela Ely, Marie Pindáková, Steriani Elavsky
- PO4.073** Nutritional and functional outcomes in trials of nutrient-stimulated hormone-based therapy – A systematic mapping review
Nathalie Alrassy, Sébastien Czernichow, Claire Carette, Nicholas Shoung, Frank B. Hu, Claire Rives Lange
- PO4.074** The emerging role of H2S in obesity
ELISA DOMI
- PO4.075** Bioimpedance visceral adiposity for glycemic dysregulation assessment – a retrospective study
Jakub Gołacki, Michał Luniewski, Wojciech Styk, Beata Matyjaszek-Matuszek
- PO4.076** Microbiota & Its Influence on Muscle Injury Recovery and Joint Inflammation in Obesity: A New Era in Nutrition & Physical Therapy
Sara Aziz Elsayed
- PO4.077** Clinic, Ambulatory and Home Blood Pressure Monitoring for Metabolic Syndrome: Time to change the definition?
Christina Antza, Maria Sitmalidou, Andrej Belancic, Niki Katsiki, Vasilius Kotsis
- PO4.078** Supplementing lies. Placebo responses and effects associated with weight loss supplementation: a systematic review and meta-analysis
Magdalena Żegleń, Łukasz Kryst, Przemysław Bąbel
- PO4.079** The combination of dietetic and psychotherapeutic approaches to the management obesity among women
Sofia Eliashevich, Alina Misharova, Oxana Drapkina
- PO4.080** Impact of Caloric Restriction on Diabetes Remission in Korean Adults with Obesity
Hyuk Sang Kwon, Mee Kyoung Kim, Jinyoung Kim, Su Jeong Park, Yoon Ju Song, Soon Jib Yoo
- PO4.081** Perspectives and experiences of adult patients with obesity on dietetic primary health care: a qualitative study in the Netherlands
Annemieke van de Riet, Rebecca Otte, Lotte Maree Hulsbergen, Elke Naumann, Marian De Van Der Schueren, Harriët Jager-Wittenaar
- PO4.082** The effect of a therapeutic dose of folic acid after bariatric surgery and its impact on mental well-being
Natia Romashvili, Nino Chochnidze
- PO4.083** Development of a new interventional therapy for obesity targeting the gastric branches of the vagus nerve
Georg Nollert, Miriam Weisskopf, Frauke Seehusen, Maria Romero, Stéphane Delaloye, Ute Nollert
- PO4.084** Identification of cardiometabolic risk using the TG/HDLc ratio and the TyG index in women with obesity associated with fatty liver
Moahmed Ridha Guedjati, Adeila Dallel Taibi, Hafsa Bougroura
- PO4.085** Effects of Weight-Loss Diets on Telomere Length: A Comparison of Moderately High-Protein and Low-Fat Approaches in Individuals with Overweight or Obesity
Amelia Martí del Moral, Blanca De La Fuente, Fermin Milagro, Marta Cuervo, Jose Ignacio Riezu, J. Alfredo Martinez, Guillermo Zalba, Sonia García Calzón
- PO4.086** Weight loss and healthcare resource utilization in the 12-month digital Healthy Weight Coaching
Aila J. Ahola, Mikko S. Venäläinen, Anu Joki, Sakris K.E. Kupila, Laura-Unnukka Suojanen, Kirsi H. Pietiläinen

POSTER SESSION

- PO4.087** **Beyond the scale: evaluating low muscle mass in hospital patients with overweight or obesity**
Jeanne J. F. A. In 't Hulst, Nelize de Lange, Barbara S. van der Meij, Patty L. M. Lakenman, Manon de Geus, Carlene van Dronkelaar, Jos W. Borkent, Emmelyne Vasse, Marian A. F. de van der Schueren
- PO4.088** **Photobiomodulation Acutely Augments Resting Metabolism in Women with Obesity**
Roberto Codella, Silvia Allemanno, Marta Buratti, Eva Conti, Luca Filipas, Daniel Gotti, Livio Luzi, Massimo De Nardi
- PO4.089** **Higher HbA1c Variability and Reduced Muscle Mass Increased Cardiovascular Risk: A Cohort Study of 8,224 People with Type 2 Diabetes**
Sunyoung Kim, Jiyoung Hwang, Sang Youl Rhee
- PO4.090** **Novel peptides as food ingredient for weight management**
Zohar Barbash, Lucia Adriana Lifshiz, Daniel Bar
- PO4.091** **What is the role of psychodiagnostic before and after bariatric surgery**
Nino Chochnidze, Natia Romashvili
- PO4.092** **A comparison of the efficacy, comorbidities outcome, and safety of endoscopic bariatric procedures: intragastric balloon placement versus endoscopic sleeve gastroplasty (Apollo method). One-year follow-up**
Diego Schwarzeisen, Lissette Batista, Patricia Gonçalves, Luis Yip, Leoniana Bustillos, Mar Bacardit, Cristina Colomer, Carla Feliu, Rossy Silva, Ximena Benitez, Josep Merlo
- PO4.093** **Realist inspired process evaluation of a pilot study investigating time-restricted eating in the treatment of type 2 diabetes – the RESET2 pilot study**
Anne-Ditte Termannsen, Natasja Bjerre, Gitte Stage Hansen, Kristine Færch, Nana Folmann Hempler, Jonas Salling Quist, Annemarie Varming
- PO4.094** **Testing for genetic causes of obesity in adults: experience of an NHS adult weight management service**
Rhodri King, Dante Holte, Irena Cruickshank, Isy Douek, Rob Andrews
- PO4.095** **Predicting weight loss using self-reported, digitally collected, real-world data after initiation of semaglutide treatment**
Kristine Færch, Mikel Murphy Gomes, Maja Bramming, Mads Reinholdt Sørensen, Anders Strathe
- PO4.096** **Qualitative changes in body composition following a very low-calorie ketogenic diet: usefulness of bioelectrical impedance vector analysis**
Alessandro Guerrini, Ludovica Di Francesco, Mariacristina Siotto, Irene Aprile, Yeganeh Manon Khazrai
- PO4.097** **Research on the Mechanism of Arachidonic Acid Metabolism in Metabolic Associated Steatohepatitis**
Ma Xiaohui, Qing He, Li Ding
- PO4.098** **"Fair Play a Tavola": A Nutrition Education Project for Preschool-Aged Children**
Chiara Spiezia, Claudia Di Rosa, Cecilia Salvione, Ludovica Di Francesco, Laura De Gara, Yeganeh Manon Khazrai
- PO4.099** **The Values of 60-Minute of OGTT Plasma Glucose Levels for Risk for Future Type 2 Diabetes in Persons Living with Obesity**
Mirjana Sumarac Dumanovic, Snezana Polovina, Dusan Zivanovic, Danko Jeremic, Nevena Radic, Danilo Lazarevski, Djurdjina Dronjak
- PO4.100** **High-protein ready-to-eat snacks: Protein sources and health effects**
Hilal Hizli Guldemir
- PO4.102** **Real-world efficacy of setmelanotide in adults living with rare genetic forms of obesity**
Francois Mifsud, Sarah Chalopin, Emilie Guillon, Pauline Faucher, Jean Muller, Johanne Le Bihan, Karine Clément, Christine Poitou
- PO4.103** **Relationship between cardiometabolic index and obesity-related complications**
Ivona Risovic, Mirjana Bojic, Aleksandra Markovic, Danijel Djekic, Ljiljana Kos, Maja Latincic, Visnja Banjac Baljak, Dragan Rakanovic, Pavle Arambasic, Velimir Skrbic, Ivona Risovic, Aleksandra Markovic, Ljiljana Kos, Visnja Banjac Baljak, Dragan Rakanovic, Velimir Skrbic
- PO4.104** **Ongoing project: Smart nutrition, healthier communities: A digital therapeutic strategy for obesity management**
Marthe Isaksen Aukan, Tone Iren Meland, Maria Arlén Larsen

POSTER SESSION

- PO4.105** **Studying the role of metabolic syndrome in the progression of chronic heart failure**
Valeriia Dolgushina, Yana Nikitina, Denis Deev, Boris Pinkhasov, Vera Selyatitskaya
- PO4.106** **An all-natural, very low-calorie ketogenic diet (VLCKD) protocol has similar efficacy and safety to commercial meal replacements (whole or partial) in inducing weight loss: results from a prospective, controlled, 4-arm pragmatic trial (KOBÉ trial)**
Alessandra Musio, Chiara Rossetti, Rossella Petitto, Sofia Collini, Valentino Osti, Maria Giuseppina Albanese, Federica Sacilotto, Giulio Agnelli, Lorenza Lambertini, Alba Nicastrì, Federica Perazza, Lucia Magnani, Fabiana Sbrega, Laura Leoni, Federico Ravaoli, Francesca Alessandra Barbanti, Chiara Baldo, Francesca Marchignoli, Maria Letizia Petroni
- PO4.107** **Adherence to Behavioral Weight Management: A Scoping Review of Definition, Measurement and Facilitators**
Deng Wang, Miguel Angel Rojo-Tirado, Pedro J Benito, Jacobo A. Rubio-Arias, Domingo Jesús Ramos-Campo, Marta M. Marques
- PO4.108** **The Impact of GLP-1 Receptor Agonists (GLP-1 RAs) on Mental Health: A Systematic Review**
Silvia Tempia Valenta, Alba Nicastrì, Federica Perazza, Federica Marcolini, Valentina Beghelli, Anna Rita Atti, Maria Letizia Petroni
- PO4.109** **Introducing the OPAL (investigating and optimising physical function with weight loss) multi-arm open label adaptive platform trial**
Thomas Yates, Greg J.h. Biddle, Joe Henson, Matthew Mccarthy, Wilkinson Tom, Jane Holmes, Sam Mort, Dimitris Papamargaritis, Melanie J. Davies
- PO4.110** **Impact of chrononutrition on weight management in pre- and post-bariatric surgery patients**
Alba Dalmau, Blanca Salinas Roca, Marta Bueno, Elia Navarro, Carolina López Cano, Gabriela Monroy, Albert Lecube
- PO4.111** **Cost-effectiveness of endoscopic bariatric procedures versus laparoscopic sleeve gastrectomy and semaglutide for obesity management: a model-based analysis**
Nafsika Afentou, Chidubem Okeke Ogwulu, Janine Dretzke, Esther Albon, Malcolm J Price, Ken Clare, Rishi Singhal, Abd Tahrani, David Moore, James Hall, Emma Frew
- PO4.112** **Exercise Training Pre- and Post-Metabolic and Bariatric Surgery: An Overview of Systematic Reviews**
Julia Hussien, Marine Asselin, Dale Bond, Yin Wu, Valentina Ly, David Creel, Pavlos Papasavas, Bret Goodpaster, Aurelie Baillot
- PO4.113** **Identification of MHO/MUHO profiles in obese women**
Adeila Dallel Taibi, Mohamed Ridha Guedjati, Radja Bentaleb
- PO4.114** **Sustainable long term weight loss: Insights from members who maintain significant weight loss beyond two years**
Ruth Kane, Holly Lynne Adam, Mackenzie Mayled, Justin Mulder
- PO4.115** **Tailoring revisional bariatric surgery post laparoscopic sleeve gastrectomy: a meta-analysis comparing one anastomosis gastric bypass vs. Roux en Y gastric bypass Outcomes**
Mohamed Talaat Mohamed ISSA, Kieran Das, Muhammad Ali Karim, Sayed Adnan Kabir, Amir Khan
- PO4.117** **Changes in cytokines and fibrotic growth factors after low-carbohydrate or low-fat low-energy diets in females with lipedema**
Julianne Lundanes, Vilde Fiske Nes, Oda Aakervik, Liv Ryan, Patrik Hansson, Anne Mari Rokstad, Catia Martins, Siren Nymo
- PO4.118** **Objective, non-invasive muscle performance measurement to define effective training for person living with obesity**
Gabor Kurucsai, Hanna Tekla Nemeth, Peter Takacs, Terezia Zsuzsa Kalman
- PO4.119** **Relationships between Body Mass Index, Hyperphagia, Control of the Food Environment and Residential Setting in Adults with Genetic Obesity Prader-Willi Syndrome**
Huilin Koh, Chien Joo Lim, Nicola Bridges, Anthony P Goldstone
- PO4.120** **Association between demographic/anthropometric factors and obesity-related complications and the utility of the Edmonton Obesity Staging System (EOSS)**
Haris Constantinou, Theodora Fteropoulli, Andreas Stylianou

POSTER SESSION

- PO4.121** **Efficacy of a Digital Health Application (DiGa) in Obesity Management: 6-Months Results from the AMODA Randomized Controlled Trial on Oviva Direkt for Obesity**
Anne Lautenbach, Ana Mijuskovic, Felix Schirmann, Matthias Blüher, Lucy Jones
- PO4.122** **Psychological Risk Factors and Referral for Bariatric Surgery**
Amanda Rhynehart, Emer O' Malley, Cara O' Grada, Tatiana Brennan, Jean O' Connell, Naomi Fearon, Helen Heneghan
- PO4.123** **Increased risk of hepatic steatosis in young adults treated for first-episode psychosis; a retrospective study**
Tristan Rocheleau, Laurent Béchard, Olivier Corbeil, Nicolas Isabel, Maxime Huot Lavoie, Sylvain Iceta, Paul Poirier, André Tchernof, Marie France Demers, Marc André Roy, Fannie Lajeunesse Trempe
- PO4.124** **AMOS2: Five-Year Outcomes After Bariatric surgery or Intensive Treatment in Adolescents with Severe Obesity –a Randomized Clinical Trial**
Kajsa Järholm, Annika Janson, Markku Peltonen, Jovanna Dahlgren, Martin Neovius, Lovisa Sjögren, Torsten Olbers
- PO4.125** **Early Weight Loss Response as Predictor of Long-Term Weight Reduction in the SURMOUNT-1 Trial**
Alexander Kokkinos, Tina Thethi, Dachuang Cao, Adam Stefanski, Angel Rodriguez, Amy Bartee, Casey J. Mast, Clare J. Lee, Lisa M. Neff
- PO4.126** **Investigating food temperature choices after acute cold exposure in individuals with overweight or obesity**
Noémie Beauregard, Kurt Mcinnis, Luzia Jaeger Hintze, Alexanne Larocque, François Haman, David Thivel, Éric Doucet
- PO4.127** **Phentermine in the Modern Era of Obesity Pharmacotherapy. Does It Still Have a Role in Treatment?**
OSCAR MANUEL TORRES FALCON
- PO4.128** **Study of the relationship between VFR and % body fat in healthy women and women with mental illness**
Tatyana Mateva Mateva, Darina Naydenova Hristova
- PO4.129** **Consensus on the need for, and design of a clinical trial investigating weight loss intervention to prevent cancer**
Matthew Harris, David French, Michelle Harvie, Julia Brown, David Jayne, Andrew G Renehan
- PO4.130** **Adipose tissue dysfunction as a key factor of metabolic complications in young women with obesity**
Carolina PETERSCHI, Lorina Vudu
- PO4.131** **The role of metabolite logistics and by-product elimination in weight reduction**
Gabor Kurucsai, Hanna Tekla Nemeth, Peter Takacs
- PO4.132** **Association between Baseline hsCRP Level and Post-Partum Weight Retention**
Lea Jalking, Lea Jalking, Karoline Winckler, Kathrine Bukkehave, Berit Lilienthal Heitmann, Berit Lilienthal Heitmann
- PO4.133** **Efficacy and Safety of Celosia cristata Extract Supplementation for Reducing Body Fat: A 12-Week, Randomized, Double-Blind, Placebo-Controlled Clinical Trial**
Sang-Wook Song, Yun-Ah Lee, Junseung Rho
- PO4.134** **External validation of the fatty liver index correlated to fibroscan for identifying nonalcoholic fatty liver disease with fibrosis**
Chung Hao Li, Yu Tsung Chou, Yi Ching Yang, Chih Jen Chang, Wen Yuan Lin, Hsiang Han Kao
- PO4.135** **Beneficial effect to MASLD with SGLT2i and TZD combination therapy**
Jun Hwa Hong
- PO4.136** **Efficacy and safety of High dose Pioglitazone as Add-on Therapy in Patients with Type 2 Diabetes Mellitus Inadequately Controlled with Dapagliflozin and Metformin: Double-Blind, Randomized, Placebo-Controlled Trial**
Jun Hwa Hong, Kyung Ah Han, You Cheol Hwang, Eun Gyoung Hong, Hae Jin Kim, Chang Beom Lee, Ho Chan Cho, Jong Chul Won, Hun Sung Kim, Eui Hyun Kim, Gwanpyo Koh, Su Young Lee, Kyong Soo Park
- PO4.137** **Effect of Aerobic, Resistance Exercise or Both in Dieting Older Adults with Obesity on Ciliary Neurotrophic Factor and Insulin Secretion: a Randomized Control Trial**
Georgia Colleluori, Viola Viola, Sresha Bathina, Reina Armamento Villareal, Clifford Qualls, Antonio Giordano, Dennis T. Villareal

POSTER SESSION

- PO4.138** **Efficacy and safety of active phase of Very Low Energy Ketogenic Therapy (VLEKT) in subjects with obesity and mild renal impairment**
Martina Galasso
- PO4.139** **Weight Maintenance After Discontinuing a Remotely-Delivered GLP-1 Receptor Agonist-Supported Weight Management Programme: A Preliminary Analysis**
Lucie Haines, Michael Whitman, Rebecca Richards
- PO4.140** **Characteristics of participants who regained weight after withdrawal of tirzepatide: A post hoc analysis of SURMOUNT-4**
Melanie J. Davies, Deborah B. Horn, Luke J. Laffin, Clare J. Lee, Dori Arad, Bruno Linetzky, Hui Wang, Donna Mojdami
- PO4.141** **Dapaglutide for the Treatment of Obesity – A Double-Blind, Placebo-Controlled, Proof-of-Concept Study**
Casper Kjærsgaard Nielsen, Thorir G Pálsson, Benjamin A.h. Jensen, David S Mathiesen, Anders Englund, Ida M. Gether, Nicklas J. Johansen, Miriam G. G. Pedersen, Julie L. Forman, Asger B. Lund, Filip K. Knop
- PO4.142** **Comparison of anti-obese effects on GLP-1 analogue peptides, Semaglutide, Tirzepatide and Retatrutide using MC4R deficient obesity model mice**
Kosuke Hitaka, Mitsuharu Matsumoto, Takumi Sugawara, Mayumi Nishida, Yasunori Nio
- PO4.143** **A novel framework to assess the prevention value of a health intervention**
Jonathan Pearson-Stuttard, Catrin Treharne, Robert King, Hugo Harper, Irina Pokhilenko, Manuel Gomes, Louis Garrison, Ricardo Reynoso, Jutta Kloppenborg Heick Skau, Katherine Byrne
- PO4.144** **Gene expression of skeletal muscle is not differently regulated in weight-matched DIO mice treated with survodutide or semaglutide**
Mafalda M. Pereira, Rakesh Santhanam, Daniel Lam, Alec Dick, Besnik Bajrami, Thomas Klein
- PO4.145** **Eating behaviors and weight loss outcome of obesity treatment – 5-year follow-up after medical treatment and bariatric surgery**
Sofia Björkman, Gudrun Höskuldsdóttir, Karin Mossberg, Anna Laurenus, My Engström, Björn Eliasson, Ola Wallengren, Ingrid Larsson
- PO4.146** **High Adherence to GLP-1 Receptor Agonists: 18-Month Outcomes from the Yazen Model**
David Buchebner, Elin Skoglund, Kristofer Ringner, Martin Carlsson
- PO4.147** **The Yazen model - Modern obesity treatment given through a digital care model. A descriptive analysis**
Elin Skoglund, David Buchebner, Kristofer Ringner, Martin Carlsson
- PO4.148** **Demonstrating the sufficiency of peripheral CB1 inhibition to promote weight loss using clinical pharmacokinetic (PK) and pharmacodynamic (PD) models**
Luciano G Braga, Lynle Go, Sadhana Nath Rajeev, Tu Diep, Puneet Arora, Chris Twitty, Shawn Morales
- PO4.149** **The Role of Psychometric Variables in Bariatric Patients: From Diagnostic Assessment to Predictive Value for Surgical Outcomes**
Valentina Pasquali, Ercole Franco, Federica Pippa, Emmanuele Capobianco, Federica Delfini, Alessandro Agostini, Sara Ventura, Uberto Pagotto, Silvia Garelli
- PO4.150** **Quantifying the productivity gains of semaglutide treatment in the UK for the population eligible for reimbursement: a modelling study using the wider societal impacts framework**
Robert King, Jamie Kettle, Emil Nørtoft
- PO4.151** **The prevalence of blood pressure phenotypes according to different BMI categories: A cross-sectional study**
Christina Antza, Maria Sitmalidou, Vasilios Kotsis
- PO4.152** **Effect of Glycine Supplementation on Low-Grade Inflammation, Cognitive Impairment and Metabolic Function in Older Adults**
Brenda Sarahí Beristain Lujano, Rodrigo Romero-Nava, Levy Mungía Dorantes, Fengyang Huang, Maricarmen Hernandez Rodriguez, Dylan Lucía Díaz Chiguer, María Guadalupe Suárez Lopez
- PO4.153** **A Phase IIa Randomized and Double-Blind Study for the Safety, Tolerability, PK/PD and Efficacy of a FIC GPR40/GPR120 Dual Agonist ABP2111Na in Participants with Obesity**
Zhengyun Zhan, Leili Gao, Xiaolin Dong, Zhifeng Cheng, Haiping Wang, Linong Ji, Xia Xue

POSTER SESSION

- PO4.154** **Magnetic resonance delivers insight into the changes of muscle, liver and adipose tissue metabolism of sedentary middle-aged individuals with obesity provided by 3-month complex lifestyle intervention**
Badka Klepochova, Lucia Slobodová, Petronela Forişek Paulová, Oksana Mytiai, Ali Amiri, Petra Vadovičová, Jana Kubičková, Daria Barková, Patrik Konrády, Viera Litváková, Peter Minárik, Martin Krššák, Jozef Ukropec, Barbara Ukropcová
- PO4.155** **The impact of BMI on placebo response in patient-reported symptoms and functional tests in a knee osteoarthritis trial**
Sebastian Møller Nguyen Heimbürger, Jakob M Bentin, Peter Alexandersen, Asger Reinstруп Bihlet
- PO4.156** **Assessing the acceptability of a New Methodology for Childhood Obesity Prevention Through Tailored Interventions: Findings from Health4Eukids, a European Joint Action**
Emmanuella Magripis, Eleni Papachatzzi, George Karydas, Vasiliki Iliopoulou, Apostolos Vantarakis
- PO4.157** **Regional Disparities of Obesity Determinants Across Mexican Municipalities: A Multiscale Geographically Weighted Regression Analysis Incorporating Satellite-Derived Data**
Katerine Restrepo Gómez
- PO4.158** **Weight maintenance after treatment of obesity with mobile health behaviour change support system: 18-month results of a randomized trial**
Jaakko Markkanen, Noora Oikarinen, Markku Savolainen, Ville Nyman, Ville Salminen, Teppo Virkkula, Pasi Karppinen, Harri Oinas-Kukkonen, Heta Merikallio, Janne Hukkanen
- PO4.159** **Weight Reduction and Measures of Obstructive Sleep Apnoea by Sex from SURMOUNT-OSA: post-hoc analyses**
Christopher Turnbull, Hui Wang, Cathy Xie, Eva Lau, Birong Liao, Josef Bednarik, Beverly Falcon, Georgios K. Dimitriadis
- PO4.160** **Protein supplementation is more important for women than for men to achieve the minimum protein intake in the first month after bariatric surgery**
Maite Aguas Ayesa, Patricia Yáñez Esquiroz, Laura Olazarán, Ainhoa Garde Aizpún, Camilo Silva Froján, Carolina M. Perdomo, Marta García Goñi, Patricia Andrada, Javier Escalada, Manuel F Landecho, Victor Valenti, Javier Gomez-Ambrosi, Gema Frühbeck
- PO4.161** **Clinical and preclinical relevance of postbiotic pA1c@HI in obesity management**
Devan Yavorov-Dayliev, Itziar Iturria, Miguel Barajas, Miriam Araña, María Isabel Pérez Soto, Josune Ayo
- PO4.163** **Digital weight management care with semaglutide: real-world evidence from 1666 UK NHS patients with obesity**
Thomas M Barber, Dagmara Wozniak, Felix Schirmann, Lucy Jones
- PO4.164** **Assessment of Trends in Reporting Serious Adverse Events Linked to Anti-Obesity Medicines**
Branislava Raičević, Andrej Belančić, Nikola Mirković, Slobodan Janković
- PO4.165** **Theoretical Obesity Treatment Strategies and Real-world Treatment Modifiers**
Ulf Holmback, Anders Forslund
- PO4.166** **Community perspectives on the use of GLP-1/GIP receptor agonist medications: a cross-sectional study of 1,297 adults**
Nadja Auerbach, Vivian Liu, David Huang, Ashley Clift, Mahmoud Al Ammouri, Austen El-Osta
- PO4.167** **Comparison of Ultrasound against DXA in the Assessment of Lean Mass after Bariatric Surgery**
Dionne Sizoo, Marloes Emous, André P. van Beek
- PO4.168** **Efficacy of Phentermine/Topiramate Extended Release in Weight Management and Metabolic Profiles**
Soo Lim, Jong Han Choi, Won Jun Kim, Jang Won Son
- PO4.169** **The Role of Ramadan Fasting in Weight Loss Outcomes During the First Year After Bariatric Surgery**
Hyeyoung Oh, Sunpyo Lee, Sungsoo Park, Young Joon Ahn
- PO4.170** **A 4-week caloric restriction combined with high resistance-training volume and high-protein diet does not increase fat-free mass sparing but increases strength in resistance-trained individuals**
Samir Nait-Yahia, Mikael Kanaan, Noémie Beaugard, Merissa Jade Anderton, Andrea Duval, Eric Doucet
- PO4.171** **A personalized treat-to-target approach for obesity management: Integrating changes in adiposity measures with changes in biomarker levels towards reaching low-risk states of incident T2D and ASCVD**
Luca Busetto, Camilla S. Morgen, Maria Overvad, Silvia Capucci, Ricardo Reynoso, Rafael Bravo, Volker Schneck

POSTER SESSION

- PO4.172 Obesity competencies for healthcare professional education: a scoping review**
Kenneth Verboven, Pipsa Tuominen, Anouk Agten, Susanna Lehtinen Jacks, Camilla Wikström Grotell, Grainne O'donoghue, Sara Landerdahl Stridsberg, Camilla Larsson, Mary E Davis, Caitriona Cunningham
- PO4.173 Obesity and socioeconomic vulnerabilities: evidence from COSI Portugal supporting BETTER4U - a tailored approach to weight management**
Ana Rito, Maria Fátima Martins, Marta Gaspar, George Dedoussis, On behalf of the BETTER4U Consortium
- PO4.174 Understanding the intergenerational impact of obesity in Portugal: data from COSI to support BETTER4U – an innovative European project**
Ana Rito, Marta Gaspar, Maria De Fátima Martins, George Dedoussis, On Behalf Of The BETTER4U Consortium
- PO4.175 The association between obesity/diabetes and atherogenic lipoprotein L5**
Wen Yuan Lin, Tsung Po Chen, Hsiang Han Kao, Wen Yuan Lin
- PO4.176 ARO-ALK7, a RNAi Therapeutic Targeting Adipose ALK7 Expression for Obesity**
Michelle Ngai, Mark Majewski, Mark Sheffield, Cole Christy, Agnieszka Glebocka, Pierce Sullivan, Holly Hamilton, Maria Afrazi, Wayne Fritz, Tao Pei, Erik Bush, James Hamilton, Zhi Ming Ding
- PO4.177 Blood biomarkers and their association with lean soft tissue loss at seven weeks after bariatric surgery**
Susana Ara Gimeno, Alejandro González De Agüero, Pilar Irún, Marta Sanchez Luengo, María José Palacios Fanlo, Ana Moradell Fernández, Ángel Matute Llorente, Ángel Lanás, Alejandro Gómez Bruton, José Antonio Casajús
- PO4.178 The role of 3D visualisation based on CT in diagnosing internal herniation after RYGB**
Tessa Veerbeek, Tessa Veerbeek, Sanne Hillebrink, Sanne Hillebrink, Femke Intema, Laura N Deden, Eric J Hazebroek, Eric J Hazebroek
- PO4.179 Measurement and Collection of Clinical and Quality of Life Variables (PROMs PREMs) in Individuals living with Obesity in Spain**
Gabriel Mercadal-Orfila, Guillem Cuatrecasas Cambra, Jose Maria García, Josep Lluch, Maria Antonia Maestre Fullana, Jose Luis Moya, Salvador Herrera Perez
- PO4.180 The Role of Abdominal Body Composition assessed by Computed Tomography in Colorectal Cancer Survival**
Giulia Maria Pontesilli, Gabriella Milan, Silvia Bettini, Maurizio De Luca, Amanda Belluzzi, Enrico Carraro, Anna Pilatone, Sergio Dall'Ara, Camilla Gallegati, Martina Incao, Stefano Cuppini, Alberto Mazza, Luca Busetto
- PO4.181 Change in physical activity during weight loss and weight regain in people with obesity during a 1-year RCT combining CBT-based group treatment, low energy diet, and intragastric balloon**
Marije Galavazi, Rebecka Alvarado Ghasemi, Qays Shahed, Hugo Hesser, Stefan Jansson, Johan Jendle, Michiel van Nieuwenhoven
- PO4.182 Role of OGTT in phenotyping glycemic disturbance and insulin resistance in people living with overweight or obesity**
Adrián Gil-Korilis, Henar Casal, Mónica Nayelli Nieves Viveros, Isabel Bastida, Estefanía Chumbiauca, Marta Zaballos, Isabela Valdés, Saioa Echeverría, Maite Aguas-Ayesa, Laura Olazarán, Patricia Yáñez-Esquiros, Patricia Andrada, Marta García-Goñi, Carolina M. Perdomo, Francisco Javier Escalada, Gema Frühbeck, Camilo Silva
- PO4.183 Economic Burden of Obesity in Hungary; Public Health Care and Out Of Pocket Expenditures, in 2019 and 2022**
Imre RURIK, Imre RURIK, Emese Antal
- PO4.184 Transforming Obesity Care Through Digital Innovation: Enhancing Efficiency, Access, and Comprehensive Management in Madrid's Public Hospitals**
Teresa Montoya Alvarez, Jersey Jair Cardenas-Salas, Bogdana Luiza Luca, Diego Meneses, Sebastian Mas, Amalia Paniagua Ruiz, Victor Pérez de Arenaza Pozo, Clotilde Vázquez Martínez
- PO4.185 Evolution of body composition in patients undergoing bariatric surgery as a function of post-surgical protein supplementation and surgical technique**
Beatriz Ramos Bachiller, Juan José López Gómez, David Primo Martín, Rebeca Jiménez Sahagún, Mario Saavedra Vasquez, Eva López Andrés, Paloma Pérez López, Pilar Pinto Fuentes, David Pacheco Sánchez, Daniel A De Luis Román

POSTER SESSION

- PO4.186** High-intensity interval training (HIIT) compared to moderate-intensity continuous training (MICT) on body composition and insulin sensitivity in adults with overweight and obesity
Klio Chantzara, Christos Maniotis, Giorgos Panotopoulos, Anastasios Filippou, Eleytherios Karatzanos, Ourania Papazachou, Serafeim Nanas
- PO4.187** Intermittent Phentermine and Lifestyle Changes in Obesity Management: A Randomized Study
OSCAR MANUEL TORRES FALCON
- PO4.188** Impact of psychological interventions on weight loss in post-bariatric surgery adults: a systematic review
Victor Ochoa Hernández, Naysin Yaheko Pardo Buitimea, Glenda Díaz Ramírez
- PO4.189** Association Between Obesity and Glomerular Hyperfiltration
Neima Hassan Aden, Sana Rafi, Sara Ijda, Ghizlane El Mghari, Nawal El Ansari
- PO4.191** Efficacy and Safety of *Latilactobacillus sakei* LB-P12 on Joint and Cartilage Health: A Randomized, Double-Blind, Placebo-Controlled Clinical Trial
Seongho Han, Bokyung Shine
- PO4.192** Intensive Lifestyle Intervention Strategies for Improving Cardiovascular Risk in Indian Adults with Obesity
Diptika Tiwari, Pramod Tripathi, Nidhi Kadam, Baby Sharma, Anagha Vyawahare, Thejas Kathrikolly, Malhar Ganla, Banshi Saboo
- PO4.193** Optimizing Intermittent Fasting with Phentermine: A Breakthrough in Appetite Control, Fat Reduction, and Metabolic Health
OSCAR MANUEL TORRES FALCON
- PO4.194** What are the most important research questions within prediabetes? A Priority Setting Partnership in collaboration with patients, healthcare professionals and researchers
Amalie Koch Andersen, Kristian Damgaard Lyng, Kristine Færch, Dorte Vistisen, Bernt Johan Von Scholten, Michael Skovdal Rathleff, Janus Laust Thomsen, Morten Hasselstrøm Jensen
- PO4.195** The overlooked role of psychological factors in obesity therapy: a narrative review
Natalie Sara Bez, Ninetta Scura, Caroline Heuberger, David Faeh, Evelynne Aubry, Sonja Mötteli, Leonie Helen Bogl
- PO4.196** Zoledronic Acid Reduces Bone Loss 1 Year After Bariatric Surgery, with Diminishing Effects at 2 Years - A randomized, placebo-controlled study
Søren Gam, Simon Lysdahlgaard, Bibi Gram, Pernille Hermann, Martin Weber Kusk, Claus B. Juhl, Stinus Hansen
- PO4.197** Health coaches report that patients on incretin-based therapies request personalised support on medication related topics and barriers and challenges for weight management
Zoe Griffiths, Bryony Henderson, Asif Laldin, Hassan Thwaini, Luke Pratsides, Marguerite Vernes, Paul Sacher, Tatjana Kness
- PO4.198** Accuracy of existing prediction equations to assess fat free mass in type II and III obesity
Alejandro Gomez-Bruton, Susana Ara Gimeno, Helder Fonseca, Giorjines Boppre, Maria Pilar Irún Irún, Ángel Matute-Llorente, Gabriel Lozano-Berges, Ana Moradell, Marta Sanchez Luengo, Maria Jose Palacios Fanlo, Angel Lanas Arbeloa, José Antonio Casajús Mallén
- PO4.199** The effect of a Mediterranean low-calorie diet on the hand-grip strength of adults with obesity: Results from a 12-week intervention study in Greece
Eleni Fotiadou, Evangelia Kotzakioulafi, Eleni Karlafti, Charikleia Dimitroula, Vasileios Patriarcheas, Christos Savopoulos
- PO4.200** Prevalence of MASLD, MASH and liver fibrosis in a Dutch bariatric cohort
Willy Theel, Elisabeth van Rossum, Willem Pieter Brouwer, Jan Apers, Bojou van de Wall - Neecke, Tessa Noordermeer, Manuel Castro Cabezas
- PO4.201** Resistance training and protein supplementation to counteract disproportional fat-free mass loss following metabolic-bariatric surgery: rationale and design of the ENRICHED randomized controlled trial
Bente M De Roos, Yessica L Yeh, Valerie M Monpellier, Jos W R Twisk, J. L. Hans Severens, Ronald S L Liem, Gijs J D Van Acker, Tim Kambic, Mireille J M Serlie, Thijs H M Eijsvogels, Maria T E Hopman, Jan H M Karregat

POSTER SESSION

- PO4.202** **A critical assessment of public perception and scientific understanding of obesity in the UK**
Bryony Henderson, Hassan Thwaini, Asif Laldin, Luke Pratsides, Paul Sacher, Marguerite Vernes, Zoe Griffiths, Tatjana Kness
- PO4.203** **HTA: A key hurdle to gaining broad access to novel treatments for obesity**
Grace Miller, Lauren Harrison, Konstantina Malliou Najjar, Jasim Uddin
- PO4.204** **Gut Microbiota Enterotypes as Personalized Nutrition Tools in Metabolic Dysfunction-Associated Steatotic Liver Disease**
Paola Mogna-Peláez, José I Riezu-Boj, Fermin I Milagro, Ana Romo Hualde, David Muñoz Prieto, José I Herrero, Mariana Elorz Carlón, Alberto Benito, Pedro González-Muniesa, Ana Luz Tobaruela Resola, Josep Tur, J. Alfredo Martínez Hernández, Marta Guasch-Ferré, Itziar Abete, M. Angeles Zulet
- PO4.205** **Improved Mental Health After 4 Months Treatment with the GLP-1 Analogue Liraglutide**
Susanne Kuckuck, Nina Van Gerwen, Mariëtte R. Boon, Elisabeth F. C. Van Rossum
- PO4.206** **Exercise improves cardiorespiratory fitness and functional performance during weight loss maintenance with GLP-1 receptor agonist treatment**
Simon Birk Kjær Jensen, Matteo Fiorenza, Emma Jensen, Søren Sonnenborg Seier, Martin Bæk Blond, Charlotte Janus, Julie Rehné Jørgensen, Christian Rimer Juhl, Rasmus Michael Sandsdal, Jens Juul Holst, Bente Merete Stallknecht, Sten Madbsad, Thomas Bandholm, Signe Sørensen Tørekov
- PO4.207** **Promoting positive mental health for sustainable eating behaviors: the PROMISE study in patients with obesity**
Elena Lo Dato, Sara Gostoli, Elisa Sprio, Maria Letizia Petroni, Elena Tomba
- PO4.208** **Prevalence of eating disorder symptoms in women with lipedema. Exploring the relationship between hedonic hunger and consumption of high-fat foods**
Thea Gustad Naustvoll, Julianne Lundanes, Randi J Tangvik, Catia Martins, Siren Nymo
- PO4.209** **Cultural Translation and Validation of the Stigmatizing Situations Inventory Brief (SSI-B) to European Portuguese**
Inês Figueiredo, Miguel Vasques Carvalho, Nelson Cunha, Diana Martins, Lara Palmeira, José Silva Nunes
- PO4.210** **Predictors of patient dropout in obesity treatment programs**
Paulina Metelska, Aleksandra Niedzielska, Marek Jankowski
- PO4.211** **Impact of new and reformulated food products on acceptance, satisfaction and eating behaviour in adults living with overweight or obesity: PLENTYFOOD product screening trial study protocol**
Lara Carasa Ballesteros, Larisa Giura, Leyre Urtasun del Castillo, Javier Olaso, Mario Achútegui, Cristina Sanz, Miguel Ángel Cubero, Arancha Catalán, Ana Luisa Martínez López, Izaskun Barbarin, Nekane Cárdenas, Luis Vinal, Maitane Bermúdez, Diana Ansorena, Iciar Astiasaran, Eva Almiron-Roig
- PO4.212** **Exploring the Impact of Food-Derived MicroRNAs on Obesity and Associated Disorders**
Dilek Sivri, Makbule Gezmen Karadağ
- PO4.213** **The effectiveness of Smarter Pregnancy Plus, a digital lifestyle intervention for pregnant women with obesity: Study protocol for the HYGEIA randomized controlled trial**
Rianne J de Bruin, Melek Rousian, Isabelle N. Fabbriotti, Ageeth N. Rosman, Régine P. M. Steegers-Theunissen
- PO4.214** **The association between ultra-processed food intake and anthropometric and metabolic parameters, stress and eating behaviour during a Combined Lifestyle Intervention**
Karlijn A.m. Geurts, Renate E.h. Meeusen, Kirsten A.c. Berk, Elisabeth F.c. Van Rossum
- PO4.215** **Improving Body Composition and Diabetes Outcomes through Structured Lifestyle Interventions in Indian Women with Type 2 Diabetes**
Anagha Vyawahare, Pramod Tripathi, Malhar Ganla, Diptika Tiwari, Baby Sharma, Thejas Kathrikolly, Banshi saboo, Nidhi Kadam
- PO4.216** **Pregnancy and neonatal outcomes after bariatric surgery**
Pierre Bel Lassen, Anne Isabelle Tropeano, Armelle Arnoux, Estelle Lu, Louis Romengas, Sandrine Katsahian, Bérénice Ségestin, Bénédicte Lelièvre, Delphine Mitanchez, Géraldine Gascoin, Tigran Poghosyan, Andréa Lazzati, Barbara Heude, Jacky Nizard, Sébastien Czernichow, Cécile Ciangura, Claire Rives Lange

POSTER SESSION

- Exercise and nutrition for the prevention of lean mass loss in patients with obesity treated with semaglutide: Rationale, design and methodology of the SEMAFIT study**
PO4.217 *Cristian Garcia-Sanchez, Manuel Fernandez-Escabias, Elisa Merchan-Ramirez, Lucas Jurado-Fasoli, Maria Carmen Andreo-Lopez, Sofia Carrilho-Candeias, Emilia Iuliu, Andrea Orellana-Jaen, Mariana Esparza-Palencia, Maria Tomas-Garcia, Angela Redondo-Armenteros, Rodrigo Fernandez-Escabias, Alberto Millan-Martin, Juan L. Lopez-Canovas, Araceli Muñoz-Garach, Victoria Contreras-Bolivar, Rocio Sanchez-Sanchez, Maria E. Bellon-Guardia, David Martin-Enguix, Manuel J. Castillo, Manuel Muñoz-Torres, Francisco J. Amaro-Gahete, Guillermo Sanchez-Delgado*
- Association between dietary fibre intake and body composition and inflammatory markers in healthy adults without obesity: A cross-sectional analysis**
PO4.218 *Martyna Kosciuszko, Harry Huen, Liz Simpson, Lewis R. Mattin, Oliver Witard, Aaron Lett, Irene McClelland, William E. Kraus, Kim Huffman, Corby K. Martin, Sai Krupa Das, Susan B. Racette, James L. Doring*
- A Systematic Review of Economic Evaluations of Semaglutide and Tirzepatide for Obesity in Adults**
PO4.219 *Andrej Belančić, Andrea Faour, Sandra Knežević, Ida Štimac, Dinko Vitezić*
- A blended personalized lifestyle intervention to prevent type 2 diabetes development in people with prediabetes**
PO4.220 *Wilrike Pasman, Lotte Peters, Charlotte Berendsen, Syanni Kristalijn, Edgar Jeukens, Hanne Muller, René Loek, Tim van den Broek, Suzan Wopereis*
- Evaluation of the Effectiveness of weight management programmes in Medical Weight Management clinic: Insights from a Single Centre in Northeast UK**
PO4.221 *Witthawat Naeowong, Julia Edwards, Robyn Hargraves, Svitlana Zhyzhneuskaya*
- Prevalence of sarcopenic obesity using the ESPEN/EASO criteria in outpatients with obesity**
PO4.222 *Rosa Sammarco, Maurizio Marra, Giordana Spina, Raffaele Natale, Rossella Di Domenico, Tullia Torella, Lidia Santarpia, Carmela De Caprio, Emilia De Filippo, Fabrizio Pasanisi*
- Mapping the evidence: a scoping review on consumer wearable validity and BMI**
PO4.223 *Rebecca Marie Schipper, Fatime Oumar Djibrillah, Meyke Roosink, Laura Winkens, Arlene John, Annemieke Witteveen, Eric Hazebroek, Agnes Berendsen*
- Osteosarcopenic obesity: a call for consensus on definitions and diagnostic criteria**
PO4.224 *Olivia Di Vincenzo, Claudia Picicocchi, Luca Muzzioli, Eleonora Poggiogalle, Francesco Frigerio, Marianna Minnetti, Rocco Barazzoni, Maria Luisa Brandi, Luca Busetto, Giovanni Iolascon, Antimo Moretti, Luca Scalfi, Lorenzo Maria Donini, Silvia Migliaccio*
- Subclassification of obesity for precision risk prediction in type 1 diabetes: An IMI2 SOPHIA analysis**
PO4.225 *Sofia Pazmino, Stefanie Schmid, Jordi Blanch, Daniel Coral, Nele Steenackers, Nicole Forestier, Laura Gallardo, Naichuan Zhang, Birgit Reinhart Steininger, Yenny Leal, Amar Van Laar, Rafael Ramos, Jonathan Rosen, Carmen Hurtado Del Pozo, Chantal Mathieu, Jose Manuel Fernandez Real, Stefanie Lanzinger, Bart Van Der Schueren*
- A systematic review of the effects of glp-1 receptor agonist treatment in post-bariatric surgery patients**
PO4.226 *Sonia Cherid, Kate Souster, Gianna Galvez, Janani Kumar, Simon Cork*
- Apnea-Hypopnea Index in patients with or without preventive oxygen therapy after bariatric surgery, a randomized non-inferiority trial**
PO4.227 *Claudia Berends, Laura Heusschen, Adrienne Hofboer, Masha A. Zaikova, Timon M. Fabius, Eric J. Hazebroek*
- Effects of incretin-based pharmacotherapies on body composition: a systematic review protocol**
PO4.228 *Richard Myers-Ingram, Gareth D Jones, Matthew Maddocks*
- Dietitians' perspectives on key components relevant for successful dietetic treatment of adults with obesity in primary health care: a qualitative study in the Netherlands**
PO4.229 *Annemieke van de Riet, Rebecca Otte, Harriët Jager-Wittenaar, Marian A.E. de van der Schueren, Elke Naumann*
- Remission of type 2 diabetes in persons with 3rd degree of obesity after 5 years therapy with semaglutide or dulaglutide**
PO4.230 *Jan Hendl, Stepan Svacina*
- Symptomatic adverse events and patient-reported outcomes related to incretin-based medicines for obesity: a systematic review involving >400,000 subjects**
PO4.231 *Robert F. Kushner, Odd Erik Johansen, Krysmaru Araujo Torres, Trà Mi Phan, Agnieszka Marczevska*

POSTER SESSION

- P04.232** **Adiposity and Glucose Metabolism: Insights into Insulin Sensitivity and Secretion from OGTT**
Federica Sileo, Andrea Foppiani, giorgia pozzi, Silvia Gallostei, Franca Criscuoli, ALESSANDRO LEONE, RAMONA DE AMICIS, SIMONA BERTOLI, ALBERTO BATTEZZATI
- P04.233** **Role of estrogen in postmenopausal obesity**
Mohamed R Radwan, Wafa A Mehelba
- P04.234** **Assessment of dynamic reductions in resting energy expenditure during rapid weight-loss**
Aoife M Egan, Kelly L Johnston, Adam L Collins
- P04.235** **A feasibility study of the Redesigning Daily Occupations (ReDO®) programme for adults living with obesity attending specialist clinical services in Ireland**
Ciara Smith, Avril Dillon, Sile Ní Mháille, Rosalind Peart, Agnes Shiel, Tadhg Stapleton, Niamh Van Den Bergh, Jackie Fox
- P04.236** **Routine practice of apixaban and rivaroxaban in patients undergoing metabolic bariatric surgery with clinical outcomes and anti-Xa peak levels before and after surgery**
Claudia Berends, Cedric Lau, Laura Heusschen, Marcel M.C. Hovens, Bart P.L. Wittman, Eric J. Hazebroek, Houshang Monajemi
- P04.237** **Disconnect between the perceptions of people with obesity and their physicians in real-world settings in Europe, the United States, and Australia**
Ximena Ramos Salas, Esther Artime, Julie Mount, Sarah Zimmer Rapuch, Victoria Higgins, Lewis Harrison, Paolo Sbraccia
- P04.238** **Evaluation of Food Craving and Biochemical Parameters in Women with Polycystic Ovary Syndrome and Insulin Resistance**
Berrak Basturk, Irem Hosoglu, Aslı Guneş
- P04.239** **The Interdependent Roles of β -cell Glucose Sensitivity and Insulin Sensitivity in Maintaining Glucose Homeostasis across a Spectrum of BMIs**
Andrea Foppiani, Federica Sileo, giorgia pozzi, Silvia Gallostei, Francesca Menichetti, Ramona De Amicis, Alessandro Leone, Giovanni Fiorillo, Stefano Ravasenghi, Franca Criscuoli, Simona Bertoli, Alberto Battezzati
- P04.240** **Metabolic score for insulin resistance (METS-IR) and visceral fat (METS-VF): exploring their predictive utility for insulin sensitivity and adiposity in White European and Black African populations**
Farid Salimi Shojaei, Gráinne Whelehan, Dimitris Papamargaritis, Louise Goff
- P04.241** **Understanding the care pathway for obesity through patient and healthcare professional perspectives—results from the French OPTIM national survey**
Antoine Epin, Alina Constantin, Dominique Menuet, Carla Zonca, Petra El Khoury, Cyrille Pouyaban, Anne Sophie Joly, Claire Carrette
- P04.242** **Obesity and multifactorial chylomicronemia syndrome after 5-fluorouracil in patient with colorectal cancer (Case report)**
Adela Penesova, Michal Pálenik, Ivan Hric, Nechalová Libuša, Havranová Andrea, Bielík Viktor
- P04.243** **Nitric oxide associated network modulation as an adaptive mechanism in Egyptian with obesity**
Hany M El-Bassossy, Ahmed R Taha, Shereen Eassa, Shereen A Sabry, Mahmoud Elbatreek
- P04.244** **GLP1R gene variant and gender affect response to semaglutide treatment in severe obesity**
Aurélien Phan, Claire Carrette, Céline Narjoz, Nathalie Rassy, Sébastien Czernichow, Nicolas Pallet
- P04.245** **Psychological Intervention with Virtual Reality Exposure and Exercise Training to Reduce Social Physique Anxiety in Women with Obesity: A Randomized Controlled Feasibility trial**
Aurélien Baillet, Giulia Corno, Laura Torres Duque, Marine Asselin, Stéphane Bouchard, Jennifer Brunet, Julia Hussien, Ahmed Jérôme Romain, Ana-Maria Cretu, Annie Aimé
- P04.246** **Patient Reported Outcomes and Quality of Life in obese patients utilizing anti-obesity medications adjunct to lifestyle modification at King Fahad Armed Forces Hospital, Jeddah, Saudi Arabia**
Hamdy Alkady, Muneera Alshareef, Samia Bukhari, Haider Alshamrani, Basmah Bakadam, Amal Shabeer, Rania Faheem, Turki Alharthi, Esraa Bukhari, Nouf Alshehri

POSTER SESSION

- P04.247** Phase angle, Vitamin D and CRP levels in Women in Premenopausal Stage with Obesity: The Impact of Hashimoto's thyroiditis
Danijela Bistic-Medic, Marija Paunovic, Aleksandra Arsic, Snjezana Petrovic, Biljana Pokimica, Vesna Vucic
- P04.248** Genetic variants in obesity-related genes have a cumulative effect on weight loss outcomes following bariatric surgery
Joana Trigo Almeida, Andreia Matos, Dircea Rodrigues, Maria Defátima Martins, Joana Rosmaninho-Salgado, Ricardo Jorge Teixeira Ribeiro
- P04.249** Effects of a Low-Carbohydrate Diet on Cardiometabolic Health: An 8-Year Longitudinal Study within the ELSA-Brasil Cohort
Leticia Batista de Azevedo, Oscar Geovanny Enriquez-Martinez, Maria Del Carmen Bisi Molina
- P04.250** Phentermine (30 mg): A Cost-Effective Solution with Superior Adherence Compared to Semaglutide (1 mg) in Obesity Management—A 6-Month Study in Latin America
OSCAR MANUEL TORRES FALCON
- P04.251** Neck circumference as a screening measure for identifying obesity in Korean adults
Jaedong Lee
- P04.252** Effects of chrono-nutritional patterns on weight loss and comorbidities remission after bariatric surgery in patients with severe obesity
Silvia Bettini, Sara Sandri, Beatrice Gusella, Sami Schiff, Anxhela Begolli, Fatemeh Mansouri, Saba Toosinezhad, Enrico Carraro, Matteo D' Angelo, Alessandra Zattarin, Luca Busetto
- P04.253** Mental health, eating behaviour and obesity in Chilean university students
Julieta Sánchez Bizama, Cristian Manuel Olarte Sánchez, Emilio Pericet Caro, Karin Hemmelmann, Carla María Pérez Jaén, Antonio Contreras Fernández, Estefanía Del Valle Martín
- P04.254** Gastrointestinal Side Effects of Incretin-Based Anti-Obesity Medications: Insights from Healthcare Professionals and Patients' Experiences
Rotem Refaelli, Gizell Green, Mona Boaz, Idit Dotan, Asnat Raziel, Tamar Peffer Gik, Assaf Buch, Shiri Sherf-Dagan
- P04.255** Diabetes remission after 10 years of bariatric surgery: A follow-up of a randomized clinical trial comparing metabolic gastric bypass, sleeve gastrectomy and greater curvature plication
Laura Hernández Montoliu, Fernando Guerrero Pérez, Macarena López Vázquez, Rafael López Urdiales, Reinaldo Sanchez Barrera, Claudio Lazzara, Lucía Sobrino, Anna Casajoana, Mónica Montserrat, Rosa Monseny, Anna Prats, Silvia Rodríguez Martínez, Maria Ferrés, Marta Campos, Lorena Molero, Mishell Silva Ayala, Natalia Vega Rojas, Paula Quiñero, Nuria Vilarrasa
- P04.256** Association between chronotype and non-alcoholic fatty liver disease indices
Ramona De Amicis, Alessandro Leone, Silvia Gallostei, Francesca Menichetti, Giorgia Pozzi, Andrea Foppiani, Federica Sileo, Simona Bertoli, Alberto Battezzati
- P04.257** Adherence to the sustainable eat-it dietary model in free-living obese adults: an observational study
Ramona De Amicis, Sara Mambrini, Alessandro Leone, Silvia Gallostei, Francesca Menichetti, Giorgia Pozzi, Andrea Foppiani, Federica Sileo, Alberto Battezzati, Simona Bertoli
- P04.258** Long-term Weight Loss Outcomes with Liraglutide in Women of Childbearing Age
Tariq Chukir, Siddhant Nair, Odette Chagoury, Shahrad Taheri
- P04.259** Impacts of Gastric Bypass and Sleeve Gastrectomy on Plasma Levels of Matrix Metalloproteinase-2, -7, and -9 Among Patients with Obesity and Type 2 Diabetes Mellitus
Karen Chen, Wei Jei Lee, Chih Yen Chen
- P04.260** A randomized weight loss trial on a digital health behavioural change support system: changes in cardiovascular disease risks
Eero Turkila, Heta Merikallio, Marko Merikukka, Markku J Savolainen, Laura Heikkilä, Harri Oinas Kukkonen, Tuire Salonurmi, Anna Maria Teeriniemi, Terhi Jokelainen, Janne Hukkanen
- P04.261** Weight and Body Composition Changes in Response to Liraglutide in Patients with Obesity and Hypothyroidism compared to Patients with Normal Thyroid Function
Mohammad Yaghmour, Tariq Chukir, Odette Chagoury, Shahrad Taheri

POSTER SESSION

- P04.262** The effects of a two-week hypocaloric meal replacement compared to an established liraglutide therapy on body composition and non-invasive markers of MAFLD before bariatric surgery
Verena Parzer, Simone Leonora Huber, Birgit Lötsch, Katharina Vafiadis Maruszcak, Bernhard Ludvik, Johanna Maria Brix
- P04.263** Influences of Metabolic Surgery on Gut Microbiota and Sera Metabolomics among Patients with Obesity and Type 2 Diabetes Mellitus
Chih Yen Chen, Wei Jei Lee, Hsin Chih Lai
- P04.264** Impact of Baseline Body Mass Index on Effectiveness and Safety of Telmisartan-Amlodipine Fixed-Dose Combination in Indian Patients with Hypertension: Subgroup analysis of TACT India Real-World Study
Ashok Kumar Das, Arindam Pande, Jabir Abdullakutty, Mangesh Tiwaskar, Viveka Kumar, Rahul Iyer, Nitin Zalte, Amarnath Sugumaran, Sandesh Sawant, Senthilnathan Mohanasundaram
- P04.265** Decoding Unintentional Weight Loss: How the Right Questions Make a Difference
Jos W. Borkent, Natasha N. Mwala, Jeanne J. F. A. In 't Hulst, Carlene van Dronkelaar, Barbara S. van der Meij, Marian A. E. de van der Schueren
- P04.266** Body mass index among individuals with T2DM uncontrolled on monotherapy: Results from an analysis of a pan-India conducted real-world study (NOVELTY)
Manoj Chawla, Rakesh Kumar Sahay, Anil Bhansali, Surendra Kumar Sharma, Rahul Iyer, Amarnath Sugumaran, Senthilnathan Mohanasundaram
- P04.267** Associations between components of primary care dietetic treatment and clinically relevant weight loss in Dutch patients with overweight and obesity
Annemieke van de Riet, Jacqueline Langius, Barbara van der Meij, Martinette Streppel, Jolande Van Teeffelen, Marian De Van Der Schueren
- P04.268** Gene expression in subcutaneous adipose tissue predicts weight loss response to bariatric surgery
Camila Milad, Marcelina Párrizas, Romina Olbeyra, Ainitze Ibarzábal, Violeta Moizé, Josep Vidal, Ana De Hollanda
- P04.269** Rapid Weight Loss Could Increase Bone Fracture Risk
Claudia Martínez-Cordero, Alfonso Rodríguez Rodríguez, Ramiro Balderas Sánchez, Alberto Hidalgo-Bravo, Ximena Ramos Salas
- P04.270** Assessment of the level of knowledge about bariatric surgery among patients suffering from obesity
Houda Tellabi, Sara Ijdda, Sana Rafi, El Mghari Tabib Ghizlane, El Ansari Nawal
- P04.271** Correlation between obesity severity and dyslipidemia profile
Wafa Atbib, Sana Rafi, Sara Ijdda, Ghizlane El Mghari Tabib, Nawal El Ansari
- P04.272** Comparison of non-invasive steatosis and fibrosis scores in a population of patients with obesity
Inês Figueiredo, Angela Ghilechi, João Torres, Vaneska Reuters, José Silva Nunes
- P04.273** Body composition of patients with obesity
Salma El Hilali, Sara Ijdda, Sana Rafi, Ghizlane El Mghari, Nawal El Ansari
- P04.274** Medical Nutrition Therapy Assessment as part of the Multidisciplinary Obesity Staging System
Cathy Breen, Sarah O'keeffe, Rachel Crossan, Jessica Mellotte, Grace Maher, Mallory Noone, Amanda Rhynehart, Emer O'malley, Jean O'connell
- P04.275** Effect of bariatric surgery on non-invasive steatosis and fibrosis scores
Inês Figueiredo, Angela Ghilechi, João Torres, Vaneska Reuters, José Silva Nunes
- P04.276** Anthropometrics and body composition changes on Obesity management medications -A real-world experience
Bahila Bhatti
- P04.277** The New Era of Combination Weight Loss Treatments: The Swallowable Gastric Balloon Program and the Anti-Obesity Medication (AOM) Semaglutide
Roberta Ienca, Christopher Oyola, Laura Garcia Ayuso, Mariano Palermo

POSTER SESSION

- PO4.278** **Impact of a Multidisciplinary Lifestyle-based Obesity Management Program on Physical and Mental Health Outcomes in Indian Adults Living with Obesity**
Baby Sharma, Pramod Tripathi, Malhar Ganla, Diptika Tiwari, Thejas Kathrikolly, Anagha Vyawahare, Banshi saboo, Nidhi Kadam
- PO4.279** **Obesity and urinary incontinence: prevalence, severity and quality of life using urogenital distress inventory short form (UDI-6) and incontinence impact questionnaire short form (IIQ-7)**
Salsabil Haouach, Sara Ijdda, Sana Rafi, Ghizlane El Mghari, Nawal El Ansari
- PO4.280** **Exceptional Outcomes and Safety Profile in the First 2,000 Patients Treated with the Allurion Balloon Program at a Single Spanish Bariatric Center**
Adelardo Caballero, Elena Barquin Conde
- PO4.281** **""Correlation Between Serum Uric Acid Levels and Estimated Glomerular Filtration Rate in Patients Suffering From Obesity ""**
Ahmed Boukhalfa, Sara Ijdda, Sana Rafi, Ghizlane El Mghari, Nawal El Ansari
- PO4.282** **Can isolated low folic acid levels lead to polyneuropathy following bariatric surgery? Case-control study**
Ana Kopaleishvili, Jaba Babaevi, Ramaz Kurashvili, Tinatin Akhobadze, Elena Shelestova, Tamar Maghradze
- PO4.283** **Effects of obesity among patients with obesity and psoriasis**
Joana Nicolau, Antoni Nadal, Antelm Pujol, Guadalupe Pérez Bec, Pilar Sanchis, Guido Sfondrini, Mireia Grimalt, Maribel Tamayo, Cristina Nadal, Lluís Masmiquel
- PO4.284** **Real world data from digital delivery of the Counterweight Programmes combined with Tirzepatide: early service evaluation insights**
Marta Vila, Jo Daish, Piers Mitchell, Anna Bell Higgs, Veronica Naude, Naomi Brosnahan, Michael Lean
- PO4.285** **Observational Study on a Weight-Loss Program Combining Auricular Acupoint Stimulation and Nutritional Supplements for Improving Eating Behaviors and BMI**
Takahiro Fujimoto, Takeshi Hataoka, Takanori Kobayashi, Kazuo Taniguchi, Miyuki Oikawa, Hidetake Kobayashi
- PO4.286** **Effects of semaglutide among patients with psoriasis and obesity**
Joana Nicolau, Antoni Nadal, Antelm Pujol, Pilar Sanchis, Guadalupe Pérez Bec, Guido Sfondrini, Mireia Grimalt, Cristina Nadal, Lluís Masmiquel
- PO4.287** **Real-world data on the efficacy of oral vs subcutaneous semaglutide on anthropometric and body composition parameters in patients with obesity**
Joana Nicolau, Keyla Dotres, Jorge Blanco Anesto
- PO4.288** **Metabolically healthy obesity - myth or reality**
Evelyn Erzsébet Sipos, Gábor Simonyi
- PO4.289** **The impact of steering fiber fermentation toward the distal colon on circulating immune cell populations in individuals with overweight/obesity: a 12-week randomized controlled trial (DISTAL study)**
Thirza van Deuren, Colin A.J. van Kalkeren, Jocken W. Johan, Lieve Temmerman, Ellen E Blaak, Kristiaan Wouters
- PO4.290** **Real-World Experience with subcutaneous Semaglutide in patients with obesity. Insights from a Tertiary Care Hospital**
Víctor Pérez de Arenaza Pozo, Jersey Jair Cárdenas, Roberto Miguel Sierra Poyatos, Bogdana Luca, Yvonne Clarisa Fernandez Cagigao, Teresa Montoya Alvarez, Maria Cristina Sánchez Chiriboga, Álvaro Fernández Fernández, Beatriz Baraia Etxaburu Astigarraga, Cristina Luengo Alvarez De Buergo, Blanca Timón Vázquez, Patricia De Oriol Ocejo, Clotilde Vázquez Martínez
- PO4.291** **Interaction between chronobiology and microbiota in obesity management: the case of fasting**
María José García López, Virginia Mela, Juan Alcaide, Alba Subiri Verdugo, Patricia Ruiz Limón, Ana Mª Gómez Pérez, Francisco J. Tinahones, Isabel Moreno Indias
- PO4.292** **Bridging the gap between evidence and practice: Exploring the role of body weight in managing lymphoedema**
Debbie Jane Provan, Rhian Noble-Jones, Alison Parrett

POSTER SESSION

- PO4.293** Effectiveness of intermittent fasting compared with continuous caloric restriction in the treatment of weight regain after metabolic surgery
Diana Cristina Henao-Carrillo, Ana Milena Forero Ramos, Ana María Gomez-Medina, Rami Mikler, Fabio Eduardo Pinzón Cepeda, Carlos Augusto Yepes Cortes, Óscar Mauricio Muñoz Velandia
- PO4.294** Results of formed 6-month weight reduction program based on complex lifestyle changes in a daytime hospital care for people living with obesity
Eszter Halmy, András Paksy, László Gyula Halmy, Gertrúd Kovács, Mónika Törökné Csiszár, Melinda Bacsa, Emil Toldy Shedel
- PO4.295** The Impact of Dairy Dietary Phosphorus on Carbohydrate Metabolism in Healthy Individuals
Rania El Khoury, Amanda Avery, Simon Welham, Mohammad Malla, Omar Obeid
- PO4.296** Regular intake of β -Glucan/Chitin-Chitosan from *S. cerevisiae* promotes body weight reduction without altering serum micronutrient concentrations in a population with overweight and obesity
Marlhyñ Valero Perez, BRICIA LOPEZ PLAZA, Laura M Bermejo, María Rodríguez-Palmero Seuma, Cristina Santurino Fontecha, Marina Morato Martinez, Samara Palma Milla, Lucía Arcos Castellanos, Carmen Gomez Candela
- PO4.297** Association between depression and weight loss from Naltrexone-Bupropion in Patients with Obesity: 12 months retrospective study
Jose Villamarín, Maria A Espinosa, Thomas Fredrick, Diego Anazco, Maria Daniela Hurtado, Andres Acosta
- PO4.298** The impact of Obesity management on Stroke prevention
Eleni Karlafti, Panagiotis Halvatsiotis, Dimitrios Tsavdaris, Panagiotis Konstantinopoulos, Antonios Antoniadis, Charikleia Dimitroula, Christos Savopoulos, Evangelos Toulis
- PO4.299** Weight regain following primary bariatric surgery. How understanding the problem can help target those at risk. Lessons from a UK centre
Holly Harris, Theingi Aung, Kath Hallworth Cook, Shameer Nori, Ben Sharp, Pakwing Leung, James Ramus, Sandra Katswere
- PO4.300** Integrating Myosteatosis and Skeletal Muscle Index for Early Detection of Sarcopenic Obesity in the Elderly
Se-Hong Kim, Juhye CHUNG, Yuji Jeong
- PO4.301** Effect of enavogliflozin on the improvement of hepatic steatosis in patients with type 2 diabetes mellitus: A pooled analysis of three randomized controlled trials
Chang Hee Jung, Han Sol Lee, Areum Lee, Su Jin Jeong, Yong Ho Lee, Hae Jin Kim, So Hun Kim, Sung Hoon Yu, Suk Chon, In Kyung Jeong
- PO4.302** Efficacy of Semaglutide in Patients with Obesity Based on Edmonton Staging
Jorge Blanco Anesto, Keyla Dotres, Joana Nicolau
- PO4.303** Cortical Thickness and White Matter Hyperintensity Changes Are Associated With Sarcopenia in the Cognitively Normal Older Adults
Sehong Kim, Juhye Chung, Yuji Jeong
- PO4.304** Challenging cases of hypoglycaemia following bariatric surgery
Wah Wah Kyaw, Hein Zaw, Theingi Aung
- PO4.305** Exploring glycemic levels in non-obesity women with PCOS: A pilot study comparing to controls
Edna J. Nava-Gonzalez, Angélica I. Borja-Magno
- PO4.306** The effect of non-pharmacological sleep interventions on anthropometric measurements in people with sleep insufficiency: a systematic review and meta-analysis
Samiul Mostafa, Pushpa Singh, Wasim Hanif, George Balanos, Krishnarajah Niranthakumar, Jason Ellis, Abd Tahrani
- PO4.307** Neck Circumference and Its Association with Diabetes Prevalence in Korean Adults
Byoungduck Han, Seon Mee Kim, Yangim Hur, Yang-Hyun Kim
- PO4.308** Nonalcoholic Fatty Liver Disease Changes Linked to Hepatocellular Carcinoma Risk: A Nationwide Cohort Study
Ki Young Lee, Chang Beom Lee, Sang Mo Hong

POSTER SESSION

- PO4.309** **Impact of Baseline Body Mass Index on the Effectiveness and Safety of Toremide-Spironolactone Fixed-Dose Combination in Indian Patients with Heart Failure: Subgroup Analysis from the Restore-HF Study**
Chandrashekhara Ponde, Uday Jadhav, Devanu Ghosh Roy, Arun Mohanty, Karan Dang, Rahul Iyer, Nitin Zalte, Amarnath Sugumaran, Sandesh Sawant, Senthilnathan Mohanasundaram
- PO4.310** **Association between steatotic liver disease (SLD) and gynecologic cancer: population-based study**
Ki Young Lee, Chang Beom Lee, Sang Mo Hong
- PO4.311** **Effective strategies for weight loss maintenance in adult patients with obesity: a systematic review**
Emilia Iuliu, Elisa Merchán Ramírez, Mariana Esparza Palencia, Ángela Redondo Armenteros, Jesús Fernández Vieytes, Pablo Molina García, Guillermo Sánchez Delgado
- PO4.312** **Association between obesity and the triglyceride glucose index as insulin resistance marker**
Chang Beom Lee, Ki Young Lee, Sinjei Moon, Jung Hwan Park, Sung Hoon Yu, Dongsun Kim, Sangmo Hong
- PO4.313** **Efficacy of tirzepatide therapy on weight-loss in non-diabetic subjects with obesity and with weight regain after bariatric surgery**
Michela Del Prete, Federico Vignati, Gianleone Di Sacco, Lidia Gavazzi, Andrea Vignati, Olga Eugenia Disoteo, Fabrizio Muratori
- PO4.314** **A descriptive Real World Study of people receiving either reimbursed or non-reimbursed treatment for obesity in Spain**
Daniel Callejo, Daniel Vítalla, Alejandro Muñoz, Laia Aguilar
- PO4.315** **How has GLP-1 receptor agonist treatment changed medical nutrition therapy? a quantitative survey of registered dietitians in Switzerland**
Caroline Heuberger, Jennifer Amherd Brunner, Jeannine Strub, Natalie Bez, Leonie Bogl
- PO4.316** **Spiroergometric technique advantages in maintaining adequate skeletal muscle functioning in patients living with severe obesity**
Gábor Kurucsai, Hanna Tekla Németh, Peter Takacs
- PO4.317** **Personalization of the Dutch combined lifestyle intervention SLIMMER improves retention and results in additional weight-loss in people at risk for cardiometabolic disease or living with obesity**
Suzan Wopereis, Johanneke Oosterman, Dagmar Smid, Regina Kamstra, Iris De Hoogh, Arjan Huizing, Tim Van Den Broek, Martien Caspers, Ferry Jagers, Carlijn Braem, Utku Yavuz, Hermie Hermens, Peter Veltink, Robert Kleemann, Pepijn Van Empelen, Josien Ter Beek, Wilrike Pasman
- PO4.318** **Long-Term Cardiovascular Risk Evolution Through Bariatric Surgery: Insights from a Mediterranean Population Over 10 Years**
Miguel Olano, Núria Masip, Silvia Ballesta, Anna Casajoana, Mar Gassó, Isaac Subirana, Maria Belén Deza, Montserrat Villatoro, Carme Serra, Marc Beisani, Juan Pedro Botet, Albert Goday, David Benaiges
- PO4.319** **Dapagliflozin neutral on body weight when ministered to chronic kidney disease patients: A real-world retrospective study**
Evangelos Foustieris, Lambrini Kastana
- PO4.320** **High-protein ketogenic diet versus low-calorie, low-sodium, high-potassium mediterranean diet in patients with overweight/obesity and high-normal blood pressure or grade I hypertension**
Lucia Stella, Matteo Landolfo, Alessandro Gezzi, Francesco Spannella, Paolo Turri, Lucia Sabbatini, Sofia Cecchi, Beatrice Lucchetti, Massimiliano Petrelli, Riccardo Sarzani
- PO4.321** **Weight changes adversely affect markers of glycaemic control and insulin resistance in a South Asian and White European cohort living with obesity at high risk of type 2 diabetes**
Franciskos Arsenayadis, Joseph Henson, Pratik Choudhary, Kamlesh Khunti, Thomas Yates
- PO4.322** **Variation of LDLox in Older Patients with Cardiovascular Disease with and without Obesity**
Gianina Ioana Constantin, Catalina Monica Pena, Simona Opris
- PO4.323** **Perception and Stigmatization of Participants with Obesity**
Abdourahman Ali Mahamade, Sana Rafi, Sara Ijda, Ghiziane El Mghari Tabib, Nawal El Ansari

POSTER SESSION

- P04.324** **Morphofunctional assessment in patients with obesity treated with semaglutide 2.4 mg**
Maria García Olivares, Lara Dalla Rovere, Carmen Hardy Añón, Cristina Herola Cobos, Rocío Fernández Jiménez, Roberto Carlos Romo Remigio, Jose Abuín Fernández, Francisco Hevilla Sánchez, Jose Manuel García Almeida
- P04.325** **Obesity and older age were associated with the onset of posttransplantation diabetes in Korea: A Nationwide Population-Based Study**
Se Eun Park, Ji Hee Koh, Da Yeon Lee, Sun Jun Moon, Eun Jung Rhee, Cheol Young Park, Won Young Lee
- P04.326** **The low energy diet – an intensive lifestyle intervention for T2D remission in early onset type 2 diabetes**
Franciskos Arsenyadis
- P04.327** **Association Between Triglyceride-Glucose Index (TyG) and Body Composition Indices: Evidence From a Real-World Clinical Cohort**
Peter Ivanov, Venelin Denchev, Yavor Assyov, Radka Tafradijska-Hadjiolova, Teodora Handjieva Darlenska
- P04.328** **Morphofunctional changes in the follow-up of obese patients treated with semaglutide 2.4mg**
Maria García Olivares, Roberto Carlos Romo Remigio, Lara Dalla Rovere, Carmen Hardy Añón, Cristina Herola Cobos, Rocío Fernández Jiménez, Jose Abuín Fernández, Francisco Hevilla Sánchez, Jose Manuel García Almeida
- P04.329** **How patients with obesity use mobile health with a chat function in their obesity treatment - A cross-sectional study**
Kajsa Cederblad, Madeleine Blusi, Stephanie Erika Bonn, Anne Christenson
- P04.330** **Systemic Immune-Inflammatory and Response Indices as Quantitative Biomarkers for Obesity**
Victor Geller, Marzena Dominiak
- P04.331** **Expert views on the main challenges and opportunities for the future of childhood obesity prevention and treatment: a qualitative interview study**
Marthe Smedinga, Stuart McLennan
- P04.332** **Achieving Type 2 Diabetes Remission Through Structured Weight Management: Insights from a Randomized Controlled Trial**
Wern Ee Tang, Pauline Xie, Darren Seah, Sabrina Poay Sian Lee, Shu Yun Tan
- P04.333** **Participant Profile and Process Outcomes of a Multidisciplinary Specialist Weight Management Programme in Southeast London**
Majella O'Keeffe, Danielle Dunk, Luis Emiliano Pena Altamira, Sumaya Shuriye, Oliver J Canfell, Alastair Duncan
- P04.334** **Findings from the introduction of genetic testing for rare/monogenic causes of obesity in an NHS weight management service**
Luke D Boyle, Laurence J Dobbie, Elizabeth Forsythe, Claudia Coelho, Barbara McGowan, Piya Sen Gupta
- P04.335** **Sex- and BMI-Specific Patterns in Body Composition in a Large Cohort of Individuals with Obesity**
Guilherme Giorelli, Milton Mizumoto, Silvia Sartoretto, Socorro Giorelli, Paulo Giorelli, Alessandra Bedin, Diogo Toledo, Bryan Saunders
- P04.336** **Development of an Integrated Obesity Evaluation Framework (IOEF): A Tool for Assessing Obesity's Health and Economic Impact**
Victor Geller, Marzena Dominiak
- P04.337** **Body Composition Differences Between Morbidly Obese Patients Pre-Bariatric Surgery and Healthy Controls**
Rocío Fernández Jiménez, Nerea Ruiz Campos, Raquel Sancho Marín, Ana Sanchez García, Isabel Vegas Aguilar, María Del Mar Amaya Campos, Víctor J. Simón, Jose I. Martínez Montoro, Jose Luis Ocaña Wilhelmi, Jose Manuel García Almeida, Lourdes Garrido Sánchez
- P04.338** **Effectiveness of a Community-Based Multidisciplinary Specialist Weight Management Programme: A Comparison of Virtual and Face-to-Face Delivery Methods**
Majella O'Keeffe, Danielle Dunk, Luis Emiliano Pena Altamira, Sumaya Shuriye, Oliver J Canfell, Alastair Duncan
- P04.339** **A systematic review of the prevalence of nutritional deficiencies in individuals living with obesity**
Luciana Figueira Pegorer, Yara Viñé de Barros Toazza, Stephanie Tamiso Del Trono Grosche, Diogo Toledo, Guilherme Giorelli, Alessandra Bedin-Pochini

POSTER SESSION

- P04.340** **Surgical-induced weight-loss, but not pharmacotherapy, is associated with reversal of the pro-inflammatory phenotype of high-density lipoprotein particles in patients with type 2 diabetes and chronic kidney disease**
Rachel Byrne, Aleksandra Dudzik, Juan Valderas, Camilo Boza, Stephen Pennington, Carel Le Roux, Fiona Mc Gillicuddy
- P04.341** **Gut microbiome profiling in people living with obesity**
Can Volkan Yumuk, MEHMET UMUT ÇAPAR, Sena Ören, Ali ARSLAN, Berkay Yekta Ekren, Osman Ugur Sezerman, Volkan Demirhan Yumuk
- P04.342** **Association between Vitamin D deficiency, cardiovascular risk, and triglyceride-glucose index in young adults**
Simone Gonzaga Do Carmo, Maisa Miranda Araújo, Gabriela Sousa De Oliveira, Jane Almeida, Patricia Borges Botelho, Kenia Mara Baiocchi de Carvalho
- P04.343** **Anti-Obesity Medications and Their Impact on Muscle Mass – A Narrative Review**
Tiago Dias, Gabriel Yacoub YACOB, Moryke Strzelecki, Diogo Toledo, Guilherme Giorelli, Alessandra Bedin-Pochini
- P04.344** **Age and Postoperative Time as Determinants of Food Processing Intake in Women after Metabolic Bariatric Surgery: A Cross-Sectional Analysis**
Maisa Miranda Araújo, Gabriela Sousa De Oliveira, Jane Almeida, Simone Gonzaga Do Carmo, Kenia Mara Baiocchi De Carvalho, Patricia Borges Botelho
- P04.345** **Osteosarcopenic Obesity: An Underdiagnosed Condition?**
Renan Arthur Bosio Guimaraes, Bárbara Sampaio Ruiz, Raísa Natalia Dotto, Raísa Natalia Dotto, Hugo França Queiroz, Diogo Toledo, Guilherme Giorelli, Alessandra Bedin-Pochini
- P04.346** **The impact of insulin resistance on vitamin D levels in postmenopausal women with adiposity: A cross-sectional study**
Mónica A Forero-Bogotá, Edna J. Nava González, Diana B. Cortés Montelongo
- P04.347** **Metabolic dysfunction-associated steatotic liver disease increased the incidence of dementia in the elderly Korean, based on the Korean NHIS-HEALS cohort**
Yangjin Hur, Yonghwan Kim
- P04.348** **Metabolic, Anthropometric, and Psychological Risks Associated with Gender-Specific Phenotypic Expression: A Study of a Cohort of 935 People with Obesity (PwO)**
Clotilde Vázquez, Teresa Montoya, Bogdana Luca, Jersey Cárdenas, Yvonne Fernandez, Amalia Paniagua, Raquel Sanchez, Roberto Sierra, Francisco Arieta, Claudia Causso, Leopoldo García Valdecasas, Irene Hoyas, Carmen Aragon, Natalia Cuellar, Alicia Melchor, Karina Arcano, Irene Hoyas, Ana Prieto, Sebastian Mas
- P04.349** **Medium-term clinical outcomes of children of mothers undergoing bariatric surgery in a tertiary hospital**
Flores Escobar Vanesa, Puig Perez Albert, Comas Martinez Marta, Fidilio Enzamaría, Zabalegui Eguinoa Alba, Vilallonga Puy Ramon, Goya Camino María, Ciudin Mihai Andreea
- P04.350** **Unraveling the impact of daily life stress and glucocorticoid regulation on cardiometabolic health**
Robin Lengton, Mariëtte R. Boon, Susanne Kuckuck, Johanneke E. Oosterman, Brenda W.j.h. Penninx, Elisabeth F.c. van Rossum
- P04.351** **Comprehensive Review of Hormone Therapy in Menopause: Cardiovascular and Metabolic Impacts in Women with Obesity**
Hideki Uebo Uehara, Andrea MagnaRegisda Silva, Danielle Priscila De Oliveira Melo, Maila Ferreira, Marcella De Sousa, Diogo Toledo, Guilherme Giorelli, Alessandra Bedin-Pochini
- P04.352** **Characterization of the androgen-dependent TFPI-regulating protein in human obesity**
Angelo Di Vincenzo, Marnie Granzotto, Elisabetta Trevellin, Dario Gorgoglione, Maria Giovanna D'angiollilo, Enrico Cavazzin, Lucia Russo, Mirto Foletto, Marco Rossato
- P04.354** **Thyrotoxicosis and Tirzepatide: Management Challenges**
Nader Lessan, Tanveer Ashraf
- P04.355** **Higher quality of life, thanks to obesity treatment**
Norbert Nagy, Patricia Kleinová, Tomáš Bolek, Matej Samoš, Marián Mokán

POSTER SESSION

- P04.356** **Association Between Low Muscle Mass and Non-Alcoholic Fatty Liver Disease (NAFLD) Severity in Obese Individuals**
Lourdes Garrido Sánchez, Rocío Fernández Jiménez, Raquel Sancho Marín, Nerea Ruiz Campos, Isabel Vegas Aguilar, María Del Mar Amaya Campos, Víctor J. Simón, Jose I. Martínez Montoro, Ana Sanchez Garcia, Luis Ocaña Wilhelmi, Miren García, Isabel Arranz, Jose M. Pinazo, Manuel Manuel García Almeida
- P04.357** **Reference values of lean mass index of upper and lower limbs in a sample of Spanish women with overweight: a cross sectional study**
Fernando Rojo Fernández, Ramón De Cangas Morán, Jose Ramón Bahamonde Nava, Javier Cuello Carnero
- P04.358** **Physical Activity Modulate Obesity Risk of FTO rs9939609 predisposed carriers**
Danyel Chermon, Ruth Birk
- P04.359** **Carbohydrate Intake Predicts Long-term Weight Loss Maintenance: the MedWeight study 5-year follow up**
Dimitrios Poulimeneas, Maria Voitsidou, Georgia Anagnostou, Aikaterini Tzella, Michail Kipouros, Costas A. Anastasiou, Mary Yannakoulia
- P04.360** **Baseline Psychological Health Predicts Psychological Responses to Exercise among Adolescents with Obesity: Results from the HEARTY Randomized Controlled Trial**
Marcus V. V. Lopes, Ronald J. Sigal, Glen P. Kenny, Angela S. Alberga, Steve Doucette, Heather Tulloch, Gary Goldfield
- P04.361** **Dieticians' experiences with implementing an intensive weight loss program in Danish municipalities – preliminary findings from the LightCOM trials**
Katrine Tranberg Jensen, Gritt Overbeck, Sofie Amalie Olsen, Marius Brostrøm Kousgaard, Susanne Reventlow
- P04.362** **Bio-anthropometric indices of insulin resistance predict arterial hypertension and 24-hour blood pressure control in patients with hypertension**
Matteo Landolfo, Francesco Spannella, Federico Giulietti, Alessandro Gezzi, Mirko Di Rosa, Luca Soraci, Riccardo Sarzani
- P04.363** **Effect of semaglutide treatment on biopsy-free scoring systems for MASLD in patients with obesity**
Zuzana Miertová, Boris Focko, Martin Jozef Peč, Jakub Jurica, Matej Samoš, Tomáš Bolek, Marián Mokán
- P04.364** **Real-world data on the efficacy of oral semaglutide on anthropometric and body composition parameters in patients with obesity**
Keyla M Dotres, Joana Nicolau, Jorge Blanco Anesto
- P04.365** **Real-world evaluation of the effects of tirzepatide in patients with complex obesity in Spanish population**
Belén Pérez-Pevida, Mónica Santana, Alfonso Maldonado, Cristina Ruiz, Beatriz Clérigo, Susana García, Cecilia Higuera, Manuela Moreira
- P04.366** **Portal Hypertension Evaluation in Patients with Severe Obesity Prior to Bariatric Surgery: A Cross-Sectional Analysis of Hemodynamic, Radiological, and Histopathological Data**
Alba Rojano-Toimil, Vanesa Flores, Marta Comas, Iratxe Díez, Juan Manuel Pericàs, Carlos Petrola, Clara Pañella Vilamú, Ramon Vilallonga, Andreea Ciudin Mihai
- P04.367** **Weight Bias Internalization Inversely Associates with Adherence to the Mediterranean Diet: Preliminary Findings from the Greek Lifestyle and Obesity Related Bias Survey**
Natalia Chatzaki, Dimitra Kostara, Georgia Aidini, Persefoni Papadaki, Athina Tzifopoulou, Despoina Dragatakis, Mary Yannakoulia, Dimitrios Poulimeneas
- P04.368** **Socio-economic status and social participation in health economic modelling of obesity interventions – Findings from a systematic review**
Samira Barbara Jabakhanji, Fabian Manke Reimers, Annika Hohmann, Rosemarie Mc Gee, Mary Rose Angeles, Alice Frevert, Grace O' Malley, Diana Sonntag
- P04.369** **"I didn't need more of the same I needed something different": Patients' reasons for declining participation in a randomised trial comparing an intensive weight loss programme with weight loss surgery**
Sofie Amalie Olsen, Katrine Tranberg Jensen, Marius Brostrøm Kousgaard, Susanne Reventlow, Gritt Overbeck
- P04.370** **Maternal and perinatal outcomes in a Spanish cohort of pregnancies after bariatric surgery**
Sonsoles Gutierrez Medina, Alba Andreu, Vanesa Flores, Camilo Silva, Gema Frühbeck, Angela Amengual, Magdalena De La Higuera, Irene Vinagre, Lilliam Flores, Josep Vidal, Marta Comas, Andreea Ciudin

POSTER SESSION

- P04.371** **Effects of a high-intensity physical exercise session carried out during a 34-hour fasting period on energy metabolism in healthy adults**
Elisa Merchán Ramírez, Emilia Iuliú, Mariana Esparza Palencia, Angela Redondo Armenteros, Francisco J. Amaro-Gahete, Rocio Sánchez Sánchez, Yolanda Garcia-Rivero, Patricio Solis-Urra, Irene Esteban-Cornejo, Guillermo Sanchez-Delgado
- P04.372** **Enhancing weight loss outcomes with GLP-1 medications: The role of AI-powered digital platforms and health coaches**
Bill Nadeau, Will Trimble, Ram Chuttani
- P04.373** **Bariatric surgery is associated with brown fat recruitment and reduced arterial inflammation in individuals with morbid obesity**
Oana C. Kulterer, Carsten T. Herz, Marlene Prager, Gerhard Prager, Marcus Hacker, Alexander R. Haug, Florian W. Kiefer
- P04.375** **Weight evolutionary and nutritional status in a spanish multicentric cohort of pregnancies after bariatric surgery**
Alba Andreu, Vanesa Flores, Irene Vinagre, Andrea Ciudin, Camilo Silva, Angela Amengual, Violeta Moizé, Judith Molero, Marta Comas, Josep Vidal, Gema Frühbeck, Sonsoles Gutierrez
- P04.376** **Optimizing body composition and lean mass preservation: The value of AI-powered digital platforms and health coaches for patients on GLP-1 medications**
Bill Nadeau, Will Trimble, Ram Chuttani
- P04.377** **Post-Bariatric Efficacy of the Glucagon Like Peptide 1 Receptor Agonists Liraglutide and Semaglutide for the Treatment of Weight Regain**
Mahmoud Abdelaal
- P04.378** **Outcomes of a Swallowable Intra-gastric Balloon (Elipse™) on 96 Overweight and Obese Patients**
Mahmoud Abdelaal
- P04.380** **Visceral Adipose Tissue and Cardiometabolic Risk: Insights from Body Composition Analysis Using DEXA in Obese Patients**
Bárbara Jesus, Ana Margarida Sobral, Ana Sofia Lopes, Isabel Casimiro, Dírcea Rodrigues, Anabela Albuquerque, Leonor Gomes
- P04.381** **Client Insights from Bangladeshi Speaking Weight Management Group**
Asiye Busra SIRIN AYVA, Matt Buckley, James Roast, Sophie Edwards, Paul Gately
- P04.382** **Evaluation of early phase implementation of Best Health: a community-based service for obesity management in the Irish healthcare system**
Suzanne Seery, Karen Gaynor, Majella O' Keffe, Michael Crotty, Donal O'shea
- P04.383** **Outcomes of Self-Guided Help Binge Eating Pilot**
Asiye Busra SIRIN AYVA, Matt Buckley, James Roast, Sophie Edwards, Paul Gately
- P04.384** **Dietary Timing and Metabolic Health: A Randomized Trial in Shift Workers with Overweight or Obesity and Type 2 Diabetes**
Carmen Rodrigo Carbó, Rocio Mateo Gallego, Itziar Lamiquiz Moneo, Irene Gracia Rubio, Sofia Pérez Calahorra
- P04.385** **Preliminary Outcomes of Postpartum Weight Management Service**
Asiye Busra SIRIN AYVA, James Roast, Sophie Edwards, Paul Gately
- P04.386** **How Helpful are the Behaviour Change Techniques? Insights from the Weight Management Clients**
Asiye Busra SIRIN AYVA, Matt Buckley, James Roast, Sophie Edwards, paul gately
- P04.387** **Service Evaluation of Maternity Healthy Lifestyle**
Lucy Rogerson, Asiye Busra SIRIN AYVA, Orla McMahon, James Roast, Sophie Edwards, Paul Gately
- P04.388** **A Comprehensive Approach to Weight Loss in Patients with Obesity: Metabolic Changes and Improvement in Liver Markers**
Alba Subiri Verdugo, Alba Rodríguez Muñoz, Daniel Hinojosa Nogueira, Cristina Díaz Perdignes, Alberto Vilches, Francisco J. Tinahones, Isabel Moreno Indias

POSTER SESSION

- P04.389** **Enhanced weight loss outcomes with GLP-1/GIP RA therapy through patient engagement with a digital health platform: a retrospective service evaluation**
Hans Johnson, David Huang, Ashley Kieran Clift
- P04.390** **Gut Microbiota and Metabolic Health in Women with Obesity**
Libuša Nechalová, Viktor Bielik, Adela Penesová, Ivan Hric, Eva Baranovičová
- P04.391** **Outcomes of 'My Life Plan' An Inclusive Digital Weight Loss Programme by Morelife**
Asiye Busra SIRIN AYVA, Sophie Edwards, Victoria Simpson, James Roast, paul gately
- P04.392** **Preliminary Findings of a Community Tier 2 Weight Management Service for Clients with Severe Mental Illnesses: Client Insights**
Asiye Busra SIRIN AYVA, Emily Costelloe, Matt Buckley, Sophie Edwards, James Roast, Paul Gately
- P04.393** **Easo Position Statement: Complications And Management Of Women With Obesity During Their Reproductive Cycle**
Sara Suliman, Diana Rodrigues Martins, Francesca Filippi Arriaga, Nidhi Agarwal, Laurence Dobbie, Fiona McGillicuddy, Emilia Huvinen, Mariana P Monteiro, Barbara McGowan, Andreea Ciudin
- P04.394** **Patient treatment choices in a publicly funded Specialist Weight Management Service with equal access to medical GLP-1 agonist and metabolic/bariatric surgery**
Hywel Room, Thakshynaee Bhuvanakrishna, Janso Joseph, Zeenat Banu, Vithian Karunakaran, Laura Falvey, Ling Chow, Claudia Ashton, Adrian Brown, Dipesh Patel, Jonathan Kwan, Siri Steinmo, Barbara McGowan
- P04.395** **Late-evening dietary intake and food choices among individuals with overweight/obesity and type 2 diabetes: Potential for time-restricted eating to support weight loss and improved glycaemic control**
Gitte Stage Hansen, Anne-Ditte Termannsen, Bettina Ewers, Kristine Færch, Jonas Salling Quist
- P04.396** **Cornerstone - a foundation for better treatment of binge eating disorder in Norway**
Hanna Flækøy Skjåkdegård, Irene Kingswick, Sunniva Beeder Mollandsøy
- P04.397** **Weight Loss at 18 Months of Setmelanotide in 2-<6-Year-Old Patients with Rare MC4R Pathway Diseases**
Jesús Argente, Charles F. Verge, Uzoma Okorie, Ilene Fennoy, Megan M. Kelsey, Casey Cokkinias, Cecilia Scimia, Guojun Yuan, Sadaf Farooqi
- P04.398** **Determinants of Eating Behavior in Patients with Type 2 Diabetes: Implications for Obesity Management**
Lidia Luliana Arhire, Ana Maria Gal, Otilia Nita, Andreea Gherasim, Alina Delia Popa, Laura Mihalache
- P04.399** **Gut microbiota-specific profile for the prediction of type 2 diabetes remission in patients undergoing sleeve gastrectomy**
José Ignacio Martínez Montoro, Raquel Sancho Marín, Lourdes Garrido Sánchez, Luis Ocaña Wilhelmi, Rocio Soler Humanes, Nerea Ruiz Campos, María José García López, Francisco J Tinahones, Carolina Gutierrez Repiso
- P04.400** **Body Composition Improvements with 12 Months of Setmelanotide in Acquired Hypothalamic Obesity**
Christian L. Roth, Ashley H. Shoemaker, Susan A. Phillips, Jennifer Miller, Guojun Yuan, Cecilia Scimia, M. Jennifer Abuzzahab
- P04.401** **Understanding the Rhythm Within: How Anti-Obesity Treatments Alter Heart Rate Variability**
Joyce Rodrigues Façanha, João Carvalho Júnior, JEAN MARC PRADO DE OLIVEIRA, Cristiane Beatriz Vera Rodrigues, Guilherme Giorrelli, Alessandra Bedin-Pochini
- P04.402** **Association between Lean Body Mass and Bone Mineral Density after Bariatric Surgery**
Claudia Martinez-Cordero, Alfonso Rodríguez Rodríguez, Hugo Gutierrez, Alberto Hidalgo Bravo, Jose Luis Neyro, Ma Guadalupe Leon Verdin, Francisco Torres Naranjo
- P04.403** **Tirzepatide and pioglitazone: a dual therapy for MASLD in patients with obesity and type 2 diabetes**
Giovanni Ragozzino, Maria Grazia Santaniello, Nadia Maria Venere Cristiano, Martina Madonna, Giuseppe Annunziata, Edi Mattera
- P04.404** **The Weight of Hormones: Exploring the Link Between Anti-Obesity Treatments and Menstrual Disorders**
Joyce Rodrigues Façanha, JEAN MARC PRADO DE OLIVEIRA, Cristiane Beatriz Vera Rodrigues, sandra martins valerio, João Carvalho Júnior, Guilherme Giorrelli, Alessandra Bedin-Pochini

POSTER SESSION

- PO4.405** **Effect of a complex lifestyle intervention on cognitive functions in sedentary adults with obesity**
Lucia Slobodová, Petronela Forişek Paulová, Oksana Mytiai, Morteza Motaahari Rad, Amir Ali, Emilia Varečková, Jana Kubíčková, Patrik Konrády, Petra Dubajová, Viera Litváková, Peter Minárik, Jozef Ukropec, Barbara Ukropcová
- PO4.406** **Nutrient and Food Group Intake in Patients with Type 2 Diabetes: Associations with Weight Status and Obesity Risk**
Ana Maria Gal, Lidia Iuliana Arhire, Otilia Nita, Alina Delia Popa, Laura Mihalache, Andreea Gherasim
- PO4.407** **Long-Acting Injectable Antiretroviral Therapy in a Patient with HIV and Morbid Obesity Undergoing Bariatric Surgery: A Case Report**
Sergio Barroso, Laura Gómez Fernández, Miquel Aranda, Nadia Núñez, Cristina Balaguer, Carme Balagué, Josep Bargalló, David Ruiz Luna
- PO4.408** **Determination of normality values for sarcopenia in young and middle-aged adults with obesity in an obesity program at a tertiary care institution in Mexico City**
Emma Adriana Chavez Manzanera, María Guadalupe Nevárez Carrillo, Diana Margarita Calvo Segura, Janet Ramírez Martínez
- PO4.409** **Brown adipose tissue activity and energy expenditure in women with different obesity metabolic phenotypes**
Isabela Solar, Maria Eduarda Martelli, Laura Ramos Gonçalves, Mila Medina Aguiar Rangel, Vinicius Ferreira Santos, Lício Augusto Velloso, Bruno Geloneze, Ana Carolina Junqueira Vasques
- PO4.410** **Real life experience following patients with obesity under pharmacological treatment**
Silvana Di Gregorio Marcón, Silvana Di Gregorio Marcón, Silvana Di Gregorio Marcón, Mariana Covarrubias Sanchez, Elena Bach Rosell, Ana Ortiz Ochoa, Noelia Blanco Di Gregorio, Eduardo Blanco Fernandez, Eduardo Blanco Fernandez
- PO4.411** **Effects of Sodium-Glucose Cotransporter 2 Inhibitor Use on Fasting Serum Ketone Concentrations in Adults with Severe Obesity Completing a Meal Replacement Programme**
Wei Keong Kon, Wei Keong Kon, Enda Murphy, Enda Murphy, Enda Murphy, Francis Martin Finucane, Francis Martin Finucane, Francis Martin Finucane
- PO4.412** **Unraveling the Impact of Obesity on Premenstrual Syndrome: Insights into Eating Habits, Weight Loss, and Premenstrual Symptoms**
Joyce Rodrigues Façanha, João Carvalho Júnior, Marcella De Sousa, Francisco Thiago Tomaz Sousa, Diogo Toledo, Guilherme Giorelli, Alessandra Bedin-Pochini
- PO4.413** **Efficacy of Glucagon-Like Peptide Receptor Agonists (GLP-1 RAs) in Improving Metabolic and Reproductive Outcomes in Women with Polycystic Ovary Syndrome**
Janete Rabelo Rios, Juliana Ribeiro Peres da Silva, Sabrina Magalhães Barros Carvalho, Diogo Toledo, Guilherme Giorelli, Alessandra Bedin-Pochini
- PO4.414** **The efficacy of innovative software-based practical portion size estimation aids in weight loss: a retrospective cohort study of 12-month dietary intervention**
Alessia Bonalumi, Alice Beretta, Federica Bolpagni, Michele Sculati
- PO4.415** **Usefulness of the lipidomic-based OWLiver test for the identification of patients with obesity-associated steatotic liver disease**
Cristina Alonso, Ibon Martínez-Arranz, Paula Iruzubieta, María Teresa Arias Loste, Itziar Mincholé Canals, Rebeca Mayo, Jesus M. Banales, Marco Arrese, Luis Ibanez Samaniego, Jose Luis Calleja-Panero, Manuel Romero Gomez, Mazen Noureddin, Javier Crespo
- PO4.416** **Multilevel analysis of individual heterogeneity and discriminatory accuracy (MAIHDA) to understand how obesity risk varies according to multiple lifestyle behavior recommendations**
Ansuman Swain, Natalie Pearson, Scott A Willis, William Johnson
- PO4.417** **Sexual functioning in persons with obesity seeking weight reduction**
Fatiha Fatiha Ettalibi, Sara Sara Ijdda, Sana Sana Rafi, Ghizlan Ghizlan El Mghari, Nawal Nawal El Ansari
- PO4.418** **Assessing Eating Motivations in the UK adult population: Development and Validation of the Motivations for Eating Profile (MEP-7)**
Clarissa Dakin, Mark Hopkins, Graham Finlayson, R. James Stubbs

POSTER SESSION

- P04.419** **From Obesity to Fertility: A Systematic Review of Pharmacological and Surgical Treatments and Reproductive Outcomes**
Hisa Matsumoto Videira, Ana Paula França dos Santos, Caroline Aparecida Nogueira Sandim Borges, Jessica Abtibol, Diogo Toledo, Guilherme Giorelli, Alessandra Bedin-Pochini
- P04.420** **Long-term effects of an 8-week, energy-restricted ketogenic diet intervention in women with overweight and obesity class I**
Natalia DRABIŃSKA, Joanna TOPOLSKA, Natalia BAĆZEK, Sebastian Borowicz Skoneczny, Jerzy Romaszko
- P04.421** **Effectiveness of Dietary Intervention and Lifestyle Modification in Controlling Body Weight in Gestational Diabetes Mellitus**
Anna Ferrulli, Pamela Senesi, Guido Adda, Livio Luzi
- P04.422** **Age at menopause and development of type 2 diabetes in Korea**
Ga Eun Nam
- P04.423** **Obesity as a Risk or Aggravating Factor in the Development of Lipedema: A Systematic Review**
Jacqueline Gregório Ney, Marcella De Sousa, Bruna Cunha, Ingrid Sofia Pinheiro Pombal, Rebeka Martins Abdala, Diogo Toledo, Guilherme Giorelli, Alessandra Bedin-Pochini
- P04.424** **How are physical activity, sedentary behavior, and sleep related to mental health in adults with obesity?**
Annie Aimé, Annie Aimé, Rachel Pétrin, Ahmed Jérôme Romain, Cynthia Gagnon, Rose Poirier, Diana Marcela Ramos Caballero, Alejandra Tordecilla Sanders, Andrea Catalina Trompetero Gonzalez, Gabriela Garcia Laguna, Geneviève Forest, Louise Fermont, Aurelie Baillot
- P04.425** **Sleeve gastrectomy preferentially increases GDF15 plasma levels in patients with obesity but without metabolic syndrome**
Angelo Di Vincenzo, Marnie Granzotto, Enrico Cavazzin, Elisabetta Trevellin, Maria Giovanna D'angiollilo, Dario Gorgoglione, Lucia Russo, Mirto Foletto, Marco Rossato
- P04.426** **Vitamin A and E status in women with overweight and obesity after 8-week, energy-restricted ketogenic diet**
Natalia DRABIŃSKA, Joanna TOPOLSKA, Natalia BAĆZEK, Joanna HONKE, Sebastian Borowicz Skoneczny, Jerzy Romaszko
- P04.427** **Quality of life in women with overweight and obesity after 8-week, energy-restricted ketogenic diet**
Natalia DRABIŃSKA, Natalia BAĆZEK, Joanna TOPOLSKA, Anna M. OGRODOWCZYK, Sebastian Borowicz Skoneczny, Jerzy Romaszko
- P04.428** **Gender Differences in MASLD Prevalence Based on FIB-4 Index and Metabolic Dysfunction Criteria in People with Obesity**
Simone Leonora Huber, Verena Parzer, Katharina Vafiadis Maruszczak, Chritina Krzizek, Bernhard Ludvik, Johanna Brix
- P04.429** **Unexpected Findings of Liver Cirrhosis in Bariatric Surgery Patients: A Retrospective Analysis of Three Clinical Cases**
Mariia Miasnikova, Andrey Ugay
- P04.430** **Breaking Barriers: A Successful Weight Management in a Patient with Schizophrenia and Severe Psychosis**
Sama Abdulrazzaq Al-Juboori, Asma Ali Al Kendi, Maram Saliba, Tawheeda Babiker Ibrahim, Alyaa Abusabeib
- P04.431** **Unveiling Thiamine Deficiency in a Patient on GLP-1 Agonist Therapy for Obesity; A case report and literature review**
Mohammadshah Gul, Asma Al Kendi, Alyaa Ali
- P04.432** **Serum adipokins and glicemic profile association with weight regain in individuals in late post-operative of bariatric surgery**
Nathalia Pizato, Vinicius Leal Arruda, Kelly Grace Magalhaes, Kenia MaraBaiocchi de Carvalho
- P04.433** **Changes in bone turnover markers and their relationship to muscle mass during the first year after gastric sleeve surgery**
Elisabeta Andreea Malinici, Anca Sirbu, Miruna Popa, Ionela Cutuliga, Andreea Banica, Sorina Martin, Bogdan Smeu, Catalin Copaesescu, Simona Fica
- P04.434** **Deformation parameters of left atrium in patients with morbid obesity**
Peter Tudik, Jakub Jurica, Martin Jozef Peč, Andrej Miert, Zuzana Miertová, Boris Focko, Norbert Nagy, Tomáš Bolek, Peter Galajda, Matej Samoš, Marián Mokáň

POSTER SESSION

- PO4.435** **Results of a four-pillar lifestyle intervention program in desescalation of diabetes medication in patients with type 2 diabetes and overweight/obesity**
Maria González Villa, Valeria Alcántara Aragón, Lourdes Aizpeolea San Miguel, Natalia Montoya Calzada, Fabiola Cruz Tamayo, Luis Alberto Vázquez Salví
- PO4.436** **Effects of lifestyle interventions on long-term weight maintenance 12 and 24 months after an 8-week formula-based weight loss intervention on body composition in adults with obesity - results from the LION study**
Anna Reik, Gunther Schaubberger, Hans Hauner, Christina Holzapfel
- PO4.437** **Prognostic Impact of Sarcopenic Obesity on Hospital Admission**
Mariano Molina Ortega, Lara Dalla Rovere, Alessandro Guerrini, Rocío Fernández Jiménez, Carmen Hardy Añón, María García Olivares, Cristina Herola, José Manuel García Almeida
- PO4.438** **Weight loss and improvement in metabolic outcomes after 12 months from a multidisciplinary weight management program**
Rahila Bhatti, Amar Hassan Khamis
- PO4.439** **Consumption of dairy products with high/low lactose content in relation to semen quality, anthropometric and biochemical parameters in men attending an infertility treatment clinic**
Anna Danielewicz, Katarzyna Przybyłowicz, Justyna Zulewska, Małgorzata Darewicz
- PO4.440** **Impact of caloric and metabolic surgery interventions on plasma levels of bile acids in humans with different degrees of obesity and insulin resistance**
Francisco J. Osuna-Prieto, Laura Hernández-Montoliu, Joan Badia, Gemma Llauredó, Brenno Astiarraga, Victoria Ceperuelo Mallafré, Silvia Pellitero, Nuria Villarrasa, Sonia Fernández-Veledo, Joan Josep Vendrell Ortega
- PO4.441** **Prevalence of Prediabetes In Patients Suffering From Obesity**
Ahmed Boukhalfa, Sara Ijdda, Sana Rafi, Ghizlane El Mghari, Nawal El Ansari
- PO4.442** **Psychosocial factors predicting the preference for bariatric surgery: A comparison of groups differentiated by weight loss attempts**
ELİF YAMAN KABLANOĞLU, MELTEM ANAFARTA SENDAG
- PO4.443** **Emotional Eating Interventions for Adults Living With Overweight and Obesity: A Systematic Review and Meta-Analysis of Behaviour Change Techniques**
Dawn Power, Andy Jones, Chris Keyworth, Pooja Dhir, Alex Griffiths, Kaydee Shepherd, Jo Smith, Gemma Traviss, Jamie Matu, Louisa Ellis
- PO4.444** **Prevalence and Predictors of Metabolic dysfunction-associated steatotic liver disease in a Cohort of Patients with Obesity: A Phenotypic Approach**
Sebastian Mas, Diego Meneses, Jersy Cardenas, Teresa Montoya, Bogdana Luca, Amalia Paniagua, Francisco Arrieta, Alexis Rodrigo Alan, Yvonne Fernandez, Victor Perez De Arenaza, Leopoldo Garcia Valdecasas, Claudia Causso, Diego Muñoz, Dolores Tejedo, Roberto Sierra, Maite Ortega, Clotilde Vázquez
- PO4.445** **The Evolving Role of GLP-1 Receptor Agonists in the Treatment of Dumping Syndrome: A Center's Experience**
Maram Saliba, Tawheeda Ibrahim, Alyaa Abusabeib, Sama Abdulrazzaq Al Juboori
- PO4.446** **Calf circumference as an anthropometric predictor of obesity in patients living with type 2 diabetes mellitus**
Juan Víctor González A., Wilmer Raul Rojas Chero
- PO4.447** **Impact of pregnancy weight gain in women living with overweight or obesity on long-term maternal and child health outcomes**
Patrícia Cunha Brito, Rita Pinto Ribeiro, Rita Alves, Valentim Lopes, Olinda Marques, Maria Lopes Pereira, Vera Fernandes, Ana Catarina Matos
- PO4.448** **Functional foods with cocoa and bitters influence the acute response of gastrointestinal hormones involved in hunger regulation**
Jessica Baima, Daniele Spadaccini, Sabrina Tini, Valentina Antoniotti, Alessandro Candiani, Marco Arlorio, Flavia Prodam
- PO4.449** **Collaborative Care in Obesity Management at the National Bariatric Center: Insights from Qatar's First EASO-Accredited Center of Excellence**
Yassmin Salaheldin Ibrahim, Mohamed Aly Elsherif

POSTER SESSION

- P04.450** **Response to SGLT2 Inhibitors and GLP-1 Receptor Agonists in People with Type 2 Diabetes and Obesity: Age and Sex Differences**
Pamela Senesi, Anna Ferrulli, Livio Luzi
- P04.451** **MiR-590-5p is able to predict type 2 diabetes mellitus improvement after bariatric surgery in patients with severe obesity**
Eduardo Garcia Fuentes, Maria I Fontalba Romero, Ana Lago Sampredo, Eva Garcia Escobar, Ricardo Pastori, Juan Dominguez Bendala, Silvia Alvarez Cubela, Lourdes Garrido Sanchez, Sergio Valdés, Montserrat Gonzalo, Francisco J Moreno Ruiz, Custodia Montiel Casado, Gemma Rojo Martinez, Sara Garcia Serrano
- P04.452** **The effects of Sleeve Gastrectomy on the improvement and/or remission rates of Insulin resistance, Type-2 diabetes mellitus, Hypertension and Dyslipidemia at Mid-term follow up post-surgery**
Sama Abdulrazzaq Al Juboori, Wahiba Elhag, Wanis Ibrahim
- P04.453** **The Effect of Psychotherapy in the Management of Obesity: An Umbrella Review**
Lina Maria Gonzalez Ballesteros, Dinabel Del Carmen Peralta Reich, Luisa Fernanda Gonzalez Ballesteros
- P04.454** **Self-Prescription of GLP-1 Analogs for Weight Loss: A 2-Year Multinational Observational Study in Latin America and the USA**
Luisa Fernanda Gonzalez Ballesteros, Dinabel Peralta Reich, Lina Maria Gonzalez Ballesteros, Lina Maria Gonzalez Ballesteros
- P04.455** **Glucagon-Like Peptide-1 Analogs Reduce Alcohol Intake**
Faisal Almohaileb, Carel Le Roux, Maurice O'farrell

LATE BREAKING POSTERS

LATE BREAKING POSTERS

- LBP1.13** **Bariatric surgery induces thermogenesis and suppresses lipid synthesis in mature adipocytes**
Iurii Stafeev, Margarita Agareva, Svetlana Michurina, Alina Tomilova, Ekaterina Shestakova, Anastasiya Voznesenskaya, Natalia Alekseeva, Maria Sineokaya, Yelena Parfyonova, Marina Shestakova
- LBP1.14** **High-density lipoprotein (HDL) composition and function in metabolic syndrome suggest a reduced HDL anti-coagulant and antioxidant activity**
Elena Grao-Cruces, Maria Esther Martin, Elvira Marquez-Paradas, Marina Canyelles, Joan Carles Escolà-Gil, Albert Koulman, Michele Vacca, Sergio Montserrat-de La Paz, Gabriele Mocciaro
- LBP1.15** **Circulating levels of proglucagon-derived peptides in patients living with Type 1 Diabetes with or without obesity**
Stamatia Simati, Georgia Argyrakopoulou, Konstantinos Stefanakis, Ioanna Anastasiou, Carel Le Roux, Alexander Kokkinos, Christos Mantzoros
- LBP1.16** **Prenatal and Postnatal Choline Deficiency Shapes Muscle Transcriptome**
Joanna Mikolajczyk-Stecyna, Ewelina Zuk, Agata Chmurzynska, Malgorzata Blatkiewicz, Karol Jopek, Marcin Rucinski
- LBP1.17** **Effects of exercise on the transcriptomic data from human muscle and blood: A Meta-Analysis**
Robinson Ramirez-Vélez, Mikel Izquierdo, Augusto Valderrama-Aguirre
- LBP1.18** **The plasma levels of acute phase proteins among people with severe visceral obesity**
Silviya Ganeva, Nataliya Kitova
- LBP1.19** **Impact of Different Components of the Cafeteria Diet on Inflammation and Organ Damage in a Murine Model of Diet-Induced Obesity**
Kassandra Ofelia Rodríguez Aguillón, Diana Alejandra Delgadillo Solis, Kenny Misael Calvillo Rodríguez, Cristina Padilla Rodríguez, Marilena Antunes Ricardo, Ana Carolina Martínez Torres
- LBP1.20** **Ubq9-mediated SUMOylation of RPL3, an unappreciated mechanism against hepatocyte senescence by repressing the DHX9-p16 axis**
Gao Zhichao, Xie Hao, Wang Cong Yi
- LBP1.21** **Adipose Progenitor Cell-Derived Extracellular Vesicles Suppress Macrophage M1 Program to Alleviate Midlife Obesity**
Gao Zhichao, Gao Jia, Wang Cong Yi
- LBP1.22** **Thermogenic Activation of Brown Adipose Tissue, a Key Mechanism of Tirzepatide Action Promoting Weight Loss in a Preclinical Rodent Model**
Alberto Mestres Arenas, Marta Giral, Francesc Villarroya, Marion Peyrou
- LBP1.23** **Polyphenol-rich extra-virgin olive oil enhances metabolic health and mitochondrial function in a mouse model of obesity**
Chiara Ruocco, Letizia Spataro, Maurizio Ragni, Agnese Segala, Alice Vetturi, Luca Canciani, Maurizio Servili, Gabriele Riccardi, Francesco Visioli, Michele Olivo Carruba, Alessandra Valerio, Enzo Nisoli
- LBP1.24** **No evidence of improvement in gastrointestinal symptoms, body composition, or muscle strength after 8 weeks of daily oral intake of a symbiotic product in older male adults: preliminary results from a double-blinded randomized controlled trial**
Samuel Ruiz Campos, Joaquin Sanchez Gomez, Alberto Cirera Garcia, Francesco Livigni Moya, Anabel Chica Perez, Lorenzo Guidi, Javier Salvador Morales Rojas, Luis Mariano Arcediano Consuegra, Sergio Miras Moreno, Manuel Garcia Redondo, Tania Alcaraz Cordoba, Manuel Ferrer Marquez, Tania Romacho, Lucas Jurado Fasoli, Borja Martinez Tellez
- LBP1.25** **Essential amino acids as regulators of cellular senescence**
Maurizio Ragni, Luca Canciani, Chiara Ruocco, Letizia Spataro, Alessandra Valerio, Enzo Nisoli
- LBP1.26** **Brown adipocyte implants reduce obesity-induced vascular dysfunction**
Sahar Samanbar, David Sánchez Fernández, Ángela Espada, Natalia Piñera, Esther Carrera, Marta Gil-Ortega, Javier Valverde-Pozo, María Larriva Hormigos, Martín Alcalá
- LBP1.27** **Metabolic Effects of Intranasal Oxytocin in a Mouse Model of Metabolic Syndrome**
Katarina Šebeková, Andrej Feješ, Petronela Sušienková, Faber F. Alexander, Soňa Burianová, Veronika Borbélyová
- LBP1.28** **Development of chronic pain in obesity - the role of the immune system in a mouse model of obesity with leptin deficiency**
Anna Piotrowska, Magdalena Maciuszek, Justyna Barut

LATE BREAKING POSTERS

- LBP1.29** **Weight loss triggers persistent fibrosis in visceral adipose tissue due to impaired extracellular matrix degradation**
Amanda Oliveira, Clémentine Rebière, Sébastien Dussaud, Iman Haddad, Agatha De Assis Ferreira, Adma Babetto, Christine Rouault, Fatiha Merabtene, Simon Lecoutre, Jimon Abatan, Isabelle Dugail, Joelle Vinh, Adaliene Ferreira, Karine Clément, Emmanuel L. Gautier, Geneviève Marcelin
- LBP1.30** **Sex-specific metabolic effects of an essential amino acid-based diet in obesity prevention and treatment**
Letizia Spataro, Chiara Ruocco, Maurizio Ragni, Luca Canciani, Agnese Segala, Alice Vetturi, Ilenia Severi, Antonio Giordano, Saverio Cinti, Michele O. Carruba, Alessandro Bartolomucci, Alessandra Valerio, Enzo Nisoli
- LBP1.32** **Impact of dietary micro and nanoplastics on insulin resistance in rodents: a systematic review**
Diego Ruiz Sobremazas, Pablo Jiménez López, Cristian Pérez Fernández, Fernando Sanchez Santed, Maria Del Mar López Rodríguez, Tania Romacho
- LBP1.33** **Cardiorespiratory fitness is not related to the thermic effect of an oral branched-chain amino acid intake in young, healthy women: preliminary analyses**
Joaquín Sanchez Gomez, Samuel Ruiz Campos, Francesco Livigni Moya, Anabel Chica Pérez, Alberto Cirera Garcia, Luis Mariano Arcediano Consuegra, Andrés Baena Raya, Manuel García Redondo, Anny Camelo Castillo, María Ángeles Maqueda Martínez, Juan Manuel A. Alcántara, Manuel Ferrer Márquez, Tania Romacho, Borja Martínez Tellez
- LBP1.34** **The narcolepsy drug γ -hydroxybutyric acid improves metabolic dysfunction in existing and developing obesity through altering the gut microbiota**
Sen Zhang, Cong Liu, Mik Zwaan, Aswin Verhoeven, Mink Schinkelshoek, Yanan Wang, Martin Giera, Mariëtte R. Boon, Patrick Rensen, Milena Schöнке
- LBP1.35** **Secretin-derived GLP-1R agonist exhibits ultra-long half-life and favourable PK properties in minipigs**
Ashref Kaye, Silas Rasmussen, Helene Kringle, Stine Thorhauge Bak, Jens Christian Nielsen, Claudia Hjørringgaard, Louise S. Dalbøge
- LBP1.36** **Obesity and aging impair acute exercise-induced lipolysis and increases in fatty acid esters of hydroxy fatty acids levels in adipose tissue in mice**
Marko Mitrovic, Olga Horakova, Martin Riecan, Veronika Kleinova, Tomas Cajka, Lenka Rossmeislova, Ondrej Kuda, Martin Rossmeisl
- LBP1.37** **BMI and Mortality Risk – A Matter of Metabotypes? A Prospective Population-Based Study**
Jack B. McGivern, Alysha S. Thompson, William Bell, Aedin Cassidy, Tilman Kühn
- LBP1.38** **Prolonged β 2-agonist treatment enhances insulin-stimulated muscle-specific glucose uptake in individuals with overweight and obesity: a randomized placebo-controlled trial**
Pip Van Lier, Tineke Van De Weijer, Froukje Vanweert, Kim Brouwers, Kevin Nijssen, Gert Schaart, Esther Moonen Kornips, Sten Van Beek, Sam Springer, Roel Wiert, Peter Joris, Vera Schrauwen, Esther Phielix, Tore Bengtsson, Patrick Schrauwen, Joris Hoeks
- LBP1.39** **Extensive weight loss induces changes in adipose tissue cellular heterogeneity contributing to metabolic improvement in individuals with obesity**
Pamela Nono Nankam, Anne Hoffmann, Lucas Massier, Tobias Hagemann, Yulia Haim, Jiawei Zhong, Jutta Jalkanen, Mikael Ryden, Niklas Mejhert, Assaf Rudich, Matthias Blüher
- LBP1.40** **Low absolute and relative muscle strength and its clinical repercussions in women with dynapenic obesity and recommended bariatric surgery**
Nara Nobrega Crispim Carvalho, Marcos Pereira De Oliveira Filho, Filipe Cruz Carneiro, Bernardo Crispim Carvalho, José Luiz De Brito Alves
- LBP1.41** **Gene Expression in Obese Patients with Hepatic Steatosis**
Sofia Carozzi, Gustavo Bruno, Lucia Spangenberg, Leonardo Santos, Andrea Vaucher
- LBP1.42** **Validity of Resting Energy Expenditure Predictive Equations in Pediatric Patients with Cystic Fibrosis**
Ángela Redondo Armenteros, Marta Herrador-López, Elisa Merchán Ramírez, Begoña Esteban San Narciso, Víctor Manuel Navas-López, Juan Carlos Ramos-Díaz, Pilar María Caro Aguilera, Estela María Pérez Ruiz, Guillermo Sanchez-Delgado, Rafael Martín Masot

LATE BREAKING POSTERS

- LBP1.43** **FSTL1 as a possible inflammation marker in obesity**
Mariana Patrone, Gustavo Bruno, Lucia Spangenberg, Andrea Vaucher Rivero, Leonardo Santos, Carlos Escande, Jose L. Badano
- LBP2.09** **Trends and Implications of Metabolic Syndrome in Korea, 2007-2022: A Nationwide Study**
Sang Youl Rhee, Yaelim Kim Kim, Yeonghun Choi Choi, Sunyoung Kim
- LBP2.10** **Current Status of Obesity Legislation in the Republic of Korea**
Hyun-Young Shin
- LBP2.11** **Food Insecurity and Obesity Among Syrian Female Refugees in Türkiye**
Kubra Esin, Feride Ayyıldız
- LBP2.12** **Estimation of emotional Eating Behavior and Stress during COVID-19 Pandemic**
Najlaa Mohammed Al-Mana, Suhair Abdalla Abdallah, Waad Abdulrahman Bashnaini, Amal Saad Almutairi, Farah Ahmed Alhagan, Fatmah Ali Albathi
- LBP2.13** **Study protocol of aut-menu project: a bicentric intervention study to improve the meal acceptance of subjects with autism spectrum disorder**
Chiara Breda, Maria Vittoria Conti, Angeliki Sofroniou, Sara Basilico, Stefania Ruggieri, Maria Luisa Scalvedi, Hellas Cena
- LBP2.14** **Impact of Living Arrangement and Lifestyle on Weight Gain in First-Year University Students Compared to an Age-Matched Non-University Control Population**
Ferdous Alharbi, Catherine Hambly, John Speakman
- LBP2.15** **Appendicular muscle mass ratio in relation to metabolic syndrome among community-dwelling elderly population in Taiwan**
Nain Feng Chu, Chun Yung Chang
- LBP2.17** **Multivariate Prediction-Validation Model for Body Mass Index from Sociodemographic, Psychological, and Behavioral Data: Addressing Complex Nature of Adult Obesity**
Hatice Kurdak, Erkan Tiyekli, Ibrahim Bahadır Ergün, Nimet Gök, Yusuf Kuvvetli
- LBP2.18** **Distinguishing associations between neighbourhood features and physical inactivity, sedentary behaviour time, and screen time in boys and girls**
Ana A Lungu, Adrian E Ghenadenik, Andraea Van Hulst, Marie Eve Mathieu, Melanie Henderson, Yan Kestens, Tracie A. Barnett
- LBP2.19** **Interactions among food preferences, food and nutrient intake in people with and without food addiction**
Alejandro Diaz Soler, Marta Hernández Martínez, Cristina Reche García, Mayara Priscila Dantas Araújo, Antonio Jesús Banegas-Luna, Ascensión López Aviles, Juan José Hernández Morante
- LBP2.20** **Associations of sleep quality and duration with different eating and dietary behaviours: a cross-sectional analysis of 26,973 UK adults**
James King, Iuliana Hartescu, Kevin Deighton, Chris Goodwin, Arwa Alruwaili, Alice Thackray, David Stensel, Scott Willis
- LBP2.23** **Generative Artificial Intelligence; Misconceptions about Obesity and Weight Stigma**
Stuart W Flint, Paula Victoria Sozza, Adrian Brown
- LBP2.24** **The Process of Creating Non-Stigmatizing Artistic Visuals on Weight Stigma and Influence on Young Student Artists**
Alend Saadi, Isabelle Uhe, Florence Authier, Chrysoula Papastathi Bourreau
- LBP2.25** **Stigmatizing Attitudes and Misconceptions About Obesity Among Spanish Healthcare Professionals**
David Sánchez-Carracedo, Albert Fornieles-Deu, Dimitra Anastasiadou, Stuart W. Flint
- LBP2.26** **Preventing obesity and its consequences in patients taking neuroleptic drugs through dietary recommendations**
Edyta Łuszczki, Daria Borakowska, Rafał Podgórski
- LBP2.27** **Adolescents' actual exposure to unhealthy food marketing on social media: the CLICKBITE study**
Magdalena Muc, Eimer Brown, Elena Vaughan, Colette Kelly, Celine Murrin, JoAnn Mccomish, Lynsey Hollywood, Emma Boyland, Mimi Tatlow-Golden

LATE BREAKING POSTERS

- LBP2.28** **Adiposity and muscle mass are associated with tumor metabolism and cardiometabolic health in patients with newly diagnosed breast cancer**
Alba Esteban-Simón, Andres Marmol Perez, Antonio González Jiménez, Julia Ruiz Vozmediano, Alberto Soriano Maldonado, Rocío Sanchez Sanchez, Lucas Jurado Fasoli
- LBP2.29** **Assessing Parental Feeding Styles: Validation of the Caregiver Feeding Style Questionnaire (CFSQ) in Spanish Parents**
Isabel Sospedra, Mar Lozano Casanova, Silvia Escribano, Ana Maestre Cirugeda, Marta García Poblet, Aurora Norte Navarro, Ana Isabel Gutiérrez Hervás, Antonio Oliver Roig, Miguel Richart Martínez
- LBP2.30** **Obesity is not a linear phenomenon as predicted: analysis of 21 years of weight transitions in the adult population of a middle-income country**
Israel Rico-Alba, Elena García García, Rodrigo Peña Hernando, María Merino, Carlos Mallo Romera, Neivys González, Alberto Retana Guzman
- LBP2.31** **Influence of dietary patterns and physical activity on health status during times of crisis**
Aurora Norte Navarro, Isabel Sospedra López, Ana Maestre Cirugeda, Ana Isabel Gutierrez-Hervas, José Miguel Martínez Sanz, José Fernández-Sáez, Marta García Poblet, Mar Lozano Casanova
- LBP2.32** **Immune and metabolic effects of African heritage versus Western diets in men: a randomized crossover trial**
Godfrey S. Temba, Tal Pacht, Vesla I. Kullaya, Nadira Vadaq, Mary V. Mosh, Thomas Ulas, Sneha Kanungo, Liesbeth Van Ernt, Lorenzo Bonaguro, Jonas Schulte Schreppeing, Elias Mafuru, Paolo Lionetti, Musa M. Mhlanga, Andre J. Van Der Ven, Duccio Cavalieri, Leo A.b. Joosten, Reginald A. Kavishe, Blandina T. Mmbaga, Joachim L. Schultze, Mihai G. Netea, Quirijn De Mast
- LBP2.33** **The Correlation Between Sociodemographic Factors and Physical Activity Levels Among Pregnant Women in the Republic of Croatia**
Anđela Grgić, Tea Dodek, Nikolina Lazić, Ivan Dodek, Robert Mujkić, Darija Šnajder Mujkić, Karla Rožac, Ivana Ilić
- LBP2.34** **Physical Activity Substitution and Bone Mineral Density in Individuals with Obesity: a Protocol Abstract**
Nikolaj Nøhr, Berit Lilienthal Heitmann, Carsten Dirksen, Frans Boch Waldrorf, Sofus C. Larsen
- LBP2.35** **The determinants of the nutritional quality of food provided to the homeless population: a systematic review**
Divya Ravikumar-Grant, Colette Kelly, Saoirse Nicgabhainn
- LBP2.36** **Social Determinants of Sedentary Behaviour among Canadian Adults**
Vida Forouhar, Sabrina Sacco, Angela S. Alberga
- LBP2.37** **Assessing cognition in patients living with obesity and type 2 diabetes**
Éva Csajbók, Martina Mezei, Lee Chang Young
- LBP2.41** **What should we be saying to policy makers and the community about non-sugar sweetened beverages?**
Caroline Miller, Jo Dono, Kerry Ettridge, Enola Kay
- LBP2.42** **Examining the food environment of single-parent families in Hungary**
Emese Antal, Katalin Varsányi, Anna Nagy, Zsófia Benedek, Vanda Pozner, Diana Szakál, Bálint Balázs
- LBP2.43** **The Relationship Between the Healthy Eating Index and Depression, Anxiety, and Stress Among University Students**
Ferhan Mantar, Gizem Orhan, Zeynep Sude Cabadak
- LBP2.44** **Epidemiological Assessment of Obesity and Metabolic Syndrome in Romania: Findings from the 'Assume to Be Healthy' Campaign**
Ramona Dobre, Iulia Florentina Burcea, Andreea Anne Marie Brinzan, Madalina Elena Iftimie, Alexandra Balasa, Cristiana Calin, Andreea Gorun, Bianca Zau, Catalina Poiana
- LBP2.45** **Why do so many people change weight? Preliminary analysis of body mass index transitions among Mexican adults from 2001 to 2021**
Israel Rico-Alba, Elena García García, Rodrigo Peña Hernando, Neivys González, Alberto Retana Guzman
- LBP2.46** **Assessing Dietary Intake and Nutritional Status in Hungarian Children: Preliminary Findings and Future Directions Using the Healthy Eating Index**
Diana Sarga, Lajos Biro, Phd, Dr., Márta Veresné Bálint

LATE BREAKING POSTERS

- LBP2.47** Perceptions, attitudes, and practices influencing management of obesity in Ireland – the Awareness Care and Treatment in Obesity (ACTION) Ireland Study
Fiona Curran
- LBP2.48** Epidemiology of obesity and overweight in the adult population of the Republic of Moldova
Lorina Vudu, Piterschi Carolina, Stela Vudu, Seremet Aristia, Diana Munteanu, Stela Bacinschi Gheorghita, Vlada Furdui
- LBP2.49** The Effect of Diet Quality, Depression, Anxiety and Stress on the Nutritional Status of Parents of Children with Autism Spectrum Disorder
FERHAN MANTAR, Amine Selva Altun
- LBP2.50** The Relationship Between Social Media Addiction and Intuitive Eating Behavior Among University Students
Ferhan MANTAR, Senahan Sertbaş, Zeynep Sude Cabadak
- LBP2.51** Gender Disparities in Obesity Risk: The Role of Education, Income, and Lifestyle Factors in Czechia
Maika Ohno, Dagmar Džurová
- LBP2.54** The Weight of Inequality: The Financial Burden of Obesity Care in the Dominican Republic
Dolores Magdalena Mejia De la Cruz, Ann Stephany Sanchez Marmolejos, Karla Marie Disla Pineda, MARIA JACQUELINE DIAZ RODRIGUEZ, Maria Bell, Emerson Diaz
- LBP3.14** Associations between overweight, obesity, and high blood pressure among Lithuanian children and adolescents during the COVID-19 pandemic
Virginija Dulskiene, Renata Kuciene, Ieva Stankute, Jurate Medzisoniene
- LBP3.15** The impact of the COVID-19 pandemic on health behaviours of primary school children in the Republic of Ireland
Orla Kilduff, Jamie Slattery, Clodagh Lee, Emily Hunt, Alexander Douglass, Sarah O' Brien, Celine Murrin, Cecily Kelleher
- LBP3.16** Pairing obesity medication with health behaviour and lifestyle therapy: A single center experience
Julia Lischka, Gabriel Torbahn, Michael Vallis, Katharina Mörwald, Julian Gomahr, Anders Forslund, Rasmus Stenlid, Hannes Manell, Peter Bergsten, Sabine Geiersberger, Max Bergauer, Lotte Forer, Wanda Lauth, Jeanne Jabbour, Laura Döttl, Maria Swittalek, Daniel Weghuber
- LBP3.17** Evolving Patterns of Concurrent Thinness and Obesity in East Asian Children and Adolescents: A Comparative Study of China, Taiwan, Japan, and South Korea
Yong Hee Hong, Young Sun Kim, Sujin Park, Sochung Chung
- LBP3.19** Validity of Bioelectrical Impedance Analysis in the Estimation of Body Fat Percentage among Lebanese Adolescents Using Deuterium Dilution as the Reference Method
Aya Abdel Khalek, Lara Nasreddine, Nour Massouh, Elie Jacques Fares, Mandy Taktouk, Samer Kharroubi
- LBP3.20** Effectiveness of School-Based Health Programs in Preventing Obesity in Children and Adolescents
Cecilia Ajala, Ashleigh Cower, Ashaiyini Thuishyanthan
- LBP3.21** Nutrient Deficiencies in Childhood Obesity – A Review
Edyta Łuszczki, Agnieszka Dymek, Katarzyna Dereń
- LBP3.22** Harms Reporting in Behavioural Randomized Controlled Trials in Children and Adolescents with Obesity: A Systematic Review
Madinah Kawish, Martha Pietrasik, Hector Silva, Sabrina Sacco, Kimberly Carrière, Geoff Ball, Bradley Johnston, Roah Merdad, Hiba Jebeile, Diana Sherifali, Donna Fitzpatrick Lewis, Muhammad Usman Alilewis, Sarah A. Moore, Catherine Birken, Melanie Henderson, Angela Alberga
- LBP3.23** Life with diabetes mellitus and hyperthyroidism of a girl with Down syndrome
Ana Lesnikovska, Dragana Sandeva, Ivana Ignjatovik Mihajlova, Olivera Jordanova, Valentina Jovanovska, Nora Abazi, Velibor Tasic, Aleksandra Janchevska

LATE BREAKING POSTERS

Harms Reporting in Studies of Surgical Interventions for Managing Obesity in Children and Adolescents: A Systematic Review

LBP3.24 *Hector Silva, Martha Pietrasik, Madinah Kawish, Sabrina Sacco, Kimberly Carrière, Krista Oei, Geoff Ball, Bradley Johnston, Roah Merdad, Hiba Jebeile, Diana Sherifali, Donna Fitzpatrick Lewis, Muhammad Ali Usman, Jill Hamilton, Sarah A. Moore, Katherine M. Morrison, Mélanie Henderson, Angela S. Alberg*

Effect of the intake of three olive oil enriched in bioactive compounds during 6 months in children with primary hypertension. Results on the erythrocyte antioxidant defense system

LBP3.25 *Estefanía Sánchez Rodríguez, María Cruz Rico Prados, Cristina Castro Collado, Rocío Vázquez Cabela, Gabriela Lobo Tamer, Belén Pastor Villaseca, Rosaura Leis, María Amelia Gómez Llorente, Jose Manuel Jurado-Castro, Mercedes Gil-Campos, Concepcion Aguilera, María Mesa*

Phase angle and TyG index as metabolic risk biomarkers in adolescents with type 1 diabetes

LBP3.26 *Isabel Sospedra López, Marta García Poblet, Aurora Norte Navarro, Mar Lozano Casanova, Ana Maestre Cirugeda, Ana Isabel Gutierrez Hervás, José Miguel Martínez Sanz, Ana Pilar Nso Roca, Manuel Antonio Alberola Chazarra, Esther Soler Climent*

The complications of excess weight seen in twenty tier 3 paediatric weight management services across England

LBP3.27 *Jamie Matu, Adam Martin, Tayamika Zabula, Julian Hamilton Shield, Catherine Homer, Louisa Ellis*

Establishing children's healthy behaviour using digital interventions: Design and development of the ActiveHealth mobile application and serious games

LBP3.28 *Marios Prasinos, Harry Kakoulidis, Philippos Sotiriades, Ioannis Vondikakis, Elena Politi, George Dimitrakopoulos*

The Role of Physical Activity in Weight Management of Children and Adolescents with ADHD: A systematic review

LBP3.29 *Sofia Caldeira, Ana C Mourato, Fábio De Freitas, Antonio Videira Silva*

Real world effect of personalized lifestyle treatment advice on health outcomes at one year follow-up in children who visit a specialized obesity clinic with severe obesity

LBP3.30 *Eline Epl Van Der Walle, Mila S Welling, Ozair Abawi, Judith Van Eck, Renate Eh Meeusen, Marloes Vos, Annelies E Brandsma, Marleen Lr Beelen, Joëlle E Oosterman, Mariëtte R Boon, Elizabeth Fc Van Rossum, Cornelis J De Groot, Erica Lt Van Den Akker*

Dietary patterns and their associations with obesity among school-aged children in Croatia

LBP3.31 *Jasmina Hasanović, Helena Križan, Zvonimir Šatalić, Sanja Musić Milanović*

Preliminary insights from the cross-sectional phase of the FACILITY (Feeding the fAmiLy - the Intergenerational approach to flight obesity) project

LBP3.34 *Alessandra Vincenti, Valeria Calcaterra, Giulia Viroli, Sara Santero, Cecilia Ricciardi Rizzo, Nagaia Madini, Gianvincenzo Zuccotti, Hellas Cena*

InSilicoTrials' Platform for Optimizing Clinical Study Designs and Obesity Programs

LBP3.35 *Sofia Stathopoulos, Pauline Bambury, Niccolò Totis, Giuseppe Pasculli, Fianne Sips, Maud Beneton, Jane Knöchel, Paolo Messina, Marco Virgolin, Mario Torchia, Daniel Röshammar*

The Impact of Obesity and Its Comorbidities in Pediatric Patients

LBP3.36 *Lorena Mihaela Manole, Otilia Elena Frasinariu 1, Laura Otilia Boca 1, Madalina Andreea Donos 1, Otilia Iftinchi 1, Iulia Margasoiu, Laura Mihaela Trandafir 1,*

Psychological and social outcomes reported across randomized behavioural intervention trials for children and adolescents with overweight and obesity: A scoping review

LBP3.37 *Sabrina Sacco, Linda Booi, Cathy Kwok, Kimberly Carrière, Katharine Hall, Trisha C. Baluyot, Vida Forouhar, Marilou Côté, Martha Pietrasik, Hiba Jebeile, Geoff D. C. Ball, Bradley C. Johnston, Angela S. Alberg*

Association between anthropometric body fat distribution proxies and metabolically unhealthy obesity, beyond BMI. Findings from the National Health and Nutrition Examination Survey (2012-2013)

LBP4.025 *Hanan Samouda, Vladyslav Shapoval*

LATE BREAKING POSTERS

- LBP4.026** **SYNT-101: First-in-Human Evaluation of a Novel Pharmacologic Therapeutic to Replicate Gastric Bypass for Management of Obesity**
Mary Ashley Hudson, Luis Sandoval, Stephen Pizzo, Davin Sim, Patrick Derrian Susilo, Maria Buzo Mena, Dorothy Ezekoye, Anurag Maheshwari, Sung Cho, Rohit Sharma, Matthew Lanchantin, Stephen Zale, Giovanni Traverso, Robert Langer, Rahul Dhanda, Vasu Sethuraman
- LBP4.027** **Preliminary Evaluation of SYNT-101: Effects on Glycemic Control, Weight Loss, and Body Composition in Obese Rodents**
Mary Ashley Hudson, Luis Sandoval, Stephen Pizzo, Caroline Dial, Davin Sim, Patrick Derrian Susilo, Francesca Seta, Rohit Sharma, Matthew Lanchantin, Stephen Zale, Giovanni Traverso, Robert Langer, Rahul Dhanda, Vasu Sethuraman
- LBP4.028** **Association between overweight/obesity and iron deficiency among non-pregnant women of reproductive age in Yerevan, Armenia**
Haykanush Y Hambardzumyan
- LBP4.029** **Effective management of obesity through a very low-energy ketogenic therapy (VLEKT) followed by a low-glycemic index Mediterranean diet: a case report**
Alice Vetturi, Isanna Murro
- LBP4.030** **Efficacy and Safety of Phentermine Plus Topiramate in Patients with Overweight or Obesity**
Julio H Morfin, Antonio Hernández, Alger González
- LBP4.031** **Preoperative skeletal muscle mass and fat distribution predict HbA1c reduction after bariatric surgery: a retrospective cohort study**
Kittithat Taemkaew, Chaitong Churuangsuk, Kamthorn Yolsuriyong, Siripong Cheewatanakornkul, Kamonrat Kositsan
- LBP4.033** **Outcomes of Omega Loop Gastric Bypass, 6-Years Experience of 1520 Cases**
Ahmed Aasmali, Osama Taha, Mahmoud Abdelaal, Awny Askalany
- LBP4.034** **Outcomes of One Anastomosis Gastric Bypass in 472 Diabetic Patients**
Ahmed Aasmali, Osama Taha, Mahmoud Abdelaal, Awny Askalany
- LBP4.035** **Safety and Efficacy of Bariatric Surgery in People Aged Over 70 years**
Patricia Ortega, Ruifeng Yao, Chioma Izzie Engbeaya
- LBP4.036** **Evaluation of patients undergoing bariatric surgery: our experience**
Patricia Cabrera García, Oliver Quintero Rodríguez, Selena Rodríguez Fernández, Kevin David Díaz Gorrín, Javier Panizo Fra, Ana Paola León Ocampo, Laura Mesa Suárez, Elena Rodríguez Sosa, Patricia León González, Macarena Sánchez Gallego Alonso, Itziar Aznar Ondoño, Paula Soriano Perera, Tomás Martín Folgueras
- LBP4.037** **Supplementation and complications in patients undergoing bariatric surgery: our experience**
Patricia Cabrera García, Oliver Quintero Rodríguez, Selena Rodríguez Fernández, Kevin David Díaz Gorrín, Javier Panizo Fra, Ana Paola León Ocampo, Laura Mesa Suárez, Elena Rodríguez Sosa, Patricia León González, Macarena Sánchez Gallego Alonso, Itziar Aznar Ondoño, Paula Soriano Perera, Tomás Martín Folgueras
- LBP4.038** **The role of IL-18 in metabolic disorders**
Iveta Nedeva, Vera Karamfilova, Zdravko Kamenov, Yavor Assyov
- LBP4.039** **Healthcare professionals' knowledge, training, and confidence in obesity management: results of a survey**
Francisca Contreras, Werd Al Najim, Carel W Le Roux
- LBP4.040** **Anthropometric Parameters and Body Fat Percentage in Coronary Artery Disease: A Stronger Association than BMI**
gaga Irawan Nugraha, Iis Inayati Rakhmat, Nizmuddin Ubaidillah, Sherly Yosephina, Eko Fuji Ariyanto, Siti Nur Fatimah, Mohammad Ghazali, Mas Rizky Syamsunarno, Mohammad Rizki Akbar, Tri Hanggono Achmad
- LBP4.041** **Management of obesity in patients undergoing medically assisted reproduction - Evaluation of the KIND-DELIVER care pathway**
Claire Carrette, Milady Jouin, Pietro Santulli, Coline Martin, Amel Merazka, Sebastien Czernichow, Claire Rives Lange
- LBP4.042** **Renal Cell Carcinoma in Obesity: A Case Series and Call for Screening**
Essam Rashad, Abdul Haseeb

LATE BREAKING POSTERS

- LBP4.043** Can triglyceride glucose index (TyG) help biomarkers N-terminal pro B-type natriuretic peptide (NT-proBNP) and Carbohydrate antigen 125 (CA125) in Heart Failure diagnostic and management?
Iñaki Marina Clopés, Domingo Bleda, Montserrat Torres, Itxaso Villelaebitia, Johan Sarria, Laia Huerta, Magdalena Muelas, Monica Ruiz Pomo
- LBP4.044** Post - renal transplant weight gain: trends, contributing factors and implications for long-term management
Viviana Elian, Dorina Tacu, Madalina Musat
- LBP4.045** The Effect of Tibolone on Body Weight, Body Fat, and Metabolic Components
Kyoung-Kon Kim, Jee-Hyun Kang
- LBP4.046** Medical, nutritional, and behavioral characteristics of patients experiencing weight regain following sleeve gastrectomy
Yafit Kessler, Gal Churi, Mona Boaz, Limor Mardy Tilbor, Asnat Raziel, Nasser Sakran, Shiri Sherf-Dagan
- LBP4.047** Challenges in Managing Post-Bariatric Surgery Hypoglycemia in Patients with Psychiatric Disorders: A Case Series from Qatar
Asma Ali Al Kendi, Wahiba Elhag
- LBP4.048** Acute Metabolic Effect Of Velocity-based Resistance Training To An Oral Glucose Load In Individuals With Overweight/obesity
Robinson Ramirez-Vélez, Miguel Alejandro Atencio Osorio, Hugo Alejandro Carrillo Arango, Diana Isabel Martínez García, Baisuli Benítez Gómez, Oxala Gómez Hincapié, Jael Cristina Gómez Gutiérrez, Daniela Ramírez Delgadillo, Daniela Segura Montoya, Mikel Izquierdo
- LBP4.049** Impact of Early, Late, and Self-Selected Time-Restricted Eating on Body Weight and Gut Microbiota Composition in Adults with Overweight or Obesity: A Multicenter Randomized Controlled Trial
Adrián Cortés Martín, Lucas Jurado Fasoli, Antonio Clavero Jimeno, Manuel Dote Montero, Alba Camacho Cardenosa, Jorge García García, Alba Rodríguez Nogales, Federico García, Julio Gálvez, Idoia Labayen, Jonatan Ruiz
- LBP4.050** Beyond weight loss: Digital support for behavioral change and psychological well-being in a primary healthcare setting
Marthe Isaksen Aukan, Maria Arlén Larsen, Tone Iren Meland, Øyvind Olav Salvanes
- LBP4.051** Weight loss and evolution of comorbidities (high blood pressure, type 2 diabetes mellitus and dyslipidemia) in a series of patients with obesity who undergoing gastrojejunal bypass surgery
Antonio López Guzmán, Juan José López Gómez, Alberto Blanco Álvarez, Raúl Sánchez Jiménez, Daniel De Luis Román
- LBP4.052** Type 2 Diabetes Mellitus Control and the Risk of Post-Bariatric Surgery Complications: A Retrospective Cohort Study
Yassmin Salaheldin Ibrahim, Wahiba Elhag, Maram Saliba, Anas Kalfah
- LBP4.053** Impact of Early, Late and Self-selected Time-restricted Eating on Sleep, Mood, and Quality of Life in Adults with Overweight or Obesity: A Multicenter Randomised Clinical Trial
Antonio Clavero-Jimeno, Manuel Dote-Montero, Jairo H Migueles, Alba Camacho-Cardenosa, María Medrano, Víctor Manuel Alfaro-Magallanes, Maddi Oses, Almudena Carneiro-Barrera, Rafael de Cabo, Manuel Muñoz-Torres, Idoia Labayen, Jonatan R Ruiz
- LBP4.054** The role of overweight status on the association of fatigue and exercise intolerance in patients with post-COVID19 syndrome - results of the TelPoCo study
Sven Haufe, Sebastian Beyer, Mariel Nöhre, Sebastian Häckl, Nele Henrike Thomas, Martina de Zwaan, Uwe Tegtbur
- LBP4.055** Diagnostic/monitoring practices and health resource utilization in real-world settings in Europe, the USA, and Australia
Ximena Ramos Salas, Esther Artime, Julie Mount, Sarah Zimmer Rapuch, Andrea Leith, Lewis Harrison, Paolo Sbraccia
- LBP4.056** Effectiveness of the dual GIP/GLP1-agonist Tirzepatide in the rare obesity syndrome Morbus Alström
Moritz Ferch, Isabel Peitsch, Alexandra Kautzky Willer, Susanne Greber Platzler, Albert Friedrich Stättermayer, Thomas Scherer
- LBP4.057** Body weight awareness and sUpport for Mums during Pregnancy (BUMP2.0): protocol for a feasibility study
Moscho Michalopoulou, Susan A Jebb, Lucy Mackillop, Stella Jp Haffner, Nerys M Astbury
- LBP4.058** The ASCEND Global Obesity Training Centre Programme
Francisca Contreras, Werd Al Najim, Ruth Wills, Elena Pinceti, Carel W Le Roux

LATE BREAKING POSTERS

- LBP4.059** **Feasibility of a Weight-Neutral Health Intervention in Danish Primary Care**
Gudrun Augusta Sigurdardottir, Rasmus Køster-Rasmussen, Lene Bomholt Meyer, Catharina Thiel Sandholdt, Ina Olmer Specht, Frans Boch Waldorff
- LBP4.060** **Unexpected very early pregnancy after bariatric surgery: a case report**
Marco Grasso, Nino Cristiano Chillelli, Giorgia Costantini, Fabris Roberto
- LBP4.062** **Postpartum weight and HbA1c trajectories in women with gestational diabetes: a population-based matched cohort study**
Ruya Abdulsalam, Moscho Michalopoulou, Carmen Piernas, Susan A Jebb, Nerys M Astbury
- LBP4.063** **Impact of pneumococcal vaccination in hospitalization, differentiating obese and non-obese patients**
Maria Natalia Nachon, Pascual Valdez
- LBP4.064** **Naturopathic Approaches to Weight Management: More Than Calories In and Calories Out**
Julie Brennan
- LBP4.065** **Feasibility and safety of a 16-week concurrent exercise program initiated immediately after bariatric surgery: the EFIBAR randomized controlled trial**
Elena Martínez-Rosales, Alba Hernandez-Martinez, Emilio Villa-González, Yaira Barranco-Ruiz, Manuel Antonio Rodríguez Pérez, Alberto Soriano-Maldonado, Enrique G. Artero
- LBP4.066** **Obesity paradox and Difference in the response to Bisphosphonate treatment for osteoporosis in postmenopausal women with osteoporosis according to Body Mass Index (BMI): Korean National Health Insurance Service-Based Study**
Bomtaeck Kim, Kwangyoon Kim, Youngsang Kim, Chungwha Shin
- LBP4.067** **Comprehensive management of severe obesity – the synergistic effect of lifestyle modification, pharmacotherapy, and bariatric surgery**
Mirjana Kardum Pejić, Domagoj Vergles, Irena Martinis, Mirna Šporčić, Jelena Pugelnik, Dijana Lucijanić, Nives Gojo Tomić, Josip Pejić
- LBP4.068** **Body dissatisfaction and compulsive eating behaviors: the mediating role of internalized weight stigma**
Camille Bourque, Maxime Legendre, Catherine Bégin
- LBP4.069** **Effects of High-Intensity Interval Training vs. Moderate-Intensity Continuous Training on Body Composition in Postmenopausal Women: A Systematic Review and Meta-Analysis**
Janete Rabelo Rios, Guilherme Giorelli, Alessandra Bedin-Pochini
- LBP4.070** **Understanding Highly-Processed Food Consumption: The Role of Perceived Stress and Hedonic Hunger**
Yasemin Karaağaç, Esra Tunçer, Hilal Şimşek
- LBP4.071** **LDL particle remodeling in response to diets high or low in carbohydrate or saturated fat: a randomized controlled trial (CARBFUNC)**
Cathrine Loddervik, Johnny Laupsa Borge, Cathrine Sommersten, Arve Ulvik, Ottar Kjell Nygård, Jutta Dierkes, Gunnar Mellgren Mellgren, Simon Dankel
- LBP4.072** **Identifying 'relative or adequate muscle mass' for sarcopenic obesity: Evaluation of EASO/ESPEN recommendation on body size normalization**
Jennifer Linge, Mikael Petersson, Olof Dahlqvist Leinhard
- LBP4.073** **Superficial and Deep Subcutaneous Adipose Tissue in Subjects with Obesity, and Correlations with Body Mass Index and Fat Mass**
Giuseppe Annunziata, Nadia Maria Venere Cristiano, Maria Grazia Santaniello, Edi Mattera, Luigi Barrea, Giovanni Ragozzino
- LBP4.074** **Impact of Obesity on Metabolic Control and Cardiovascular Health in Hospitalized Adults with Type 2 Diabetes: Insights from a Retrospective Study**
Aurelian-Emil Ranetti, Florentina Maria Smeureanu, Andreea Catalina Creanga, Andreia Cristina Rosu

LATE BREAKING POSTERS

Native Collagen Supplementation Reduces Body Weight and Improves Metabolic Health in Participants with Overweight and Obesity

LBP4.075 *Marián Pueyo Arias, Paola Mogna-Peláez, Itxaso González Salazar, Idoia Ibero-Baraibar, Miguel López-Yoldi, Itziar Abete, Jose-Ignacio Riezu-Boj, Paula Aranz, J. Alfredo Martínez, Jesús M. Izco, José I. Recalde, M. Angeles Zulet, Fermin I. Milagro*

Impact of Dietary Intake at Dinner on Subsequent Sleep Quality in Adults with Obesity in Free-living Conditions

LBP4.076 *Juan J. Martín-Olmedo, Antonio Clavero-Jimeno, Alba Camacho-Cardenosa, Balma Boira-Nacher, Idoia Labayen, Jonatan R. Ruiz, Lucas Jurado-Fasoli*

Beyond Weight Loss: Evaluating Percent Weight Loss Targets in Obesity Management

LBP4.077 *Megan Racey, Sanjeev Sockalingam, Soo Huaty Teoh, Ian Patton, David Macklin, Elizabeth F.c. Van Rossum, Deborah Bade Horn, Patricia Nece, Morgan Emile Gabriel Salmon Leguede, Nicole Pearce, Carel Le Roux, Angela Alberga, Lee Kaplan, Arya Sharma, Sean Wharton, Diana Sherifali*

Association between gastric sleeve shape and postoperative outcomes after laparoscopic sleeve gastrectomy

LBP4.078 *Sang Kuon Lee, Han Mo Yoo*

Impact of meal- and cold-induced thermogenesis on body composition in young adults: the role of sex

LBP4.079 *Juan M A Alcantara, Pontus Henriksson, Angel Herraiz-Adillo, Lucas Jurado-Fasoli, Francisco J Amaro-Gahete, Borja Martínez Tellez, Jonatan R Ruiz*

Metabolic Adaptation Indicators in CEV-65: Effects of Diet, Exercise, and Empagliflozin on Resting Metabolic Rate in Older Adults with Obesity and Type 2 Diabetes

LBP4.080 *Assaf Buch, Sharon Barak, Yael Sofer, Yona Greenman, Roy Eldor*

Carbohydrate amount and quality and plasma B-vitamin status markers: results from a randomized controlled trial (CARBFUNC)

LBP4.081 *Marianne Brátveit, Johnny Laupsa-Borge, Cathrine Horn Sommersten, Adrian McCann, Gülen Arslan Lied, Ottar Nygård, Gunnar Mellgren, Jutta Dierkes, Simon Dankel*

Evaluation of body composition in patients attended in the department of Physical Medicine and Rehabilitation and its relationship with different pathologies

LBP4.082 *Paz Sanz Ayán, Polina Berdnikova, Alberto López Zarco Sánchez, Rafael Campelo Ucha*

Integrating APHRODITE Criteria for Obesity-Related Male Infertility: A Standardized Approach to Stratification and Hormonal Therapy Optimization

LBP4.083 *Desimira Sotirova Mironova, Elena Alexandrova Bangeeva, Gerasim Stoeichev Temelkov*

Regular HbA1c test as the indicators of the Quality and Outcomes Framework for physicians

LBP4.084 *Jungjin Cho*

Innovative Digital Weight Management: Real-World Outcomes from Weight Loss Wales

LBP4.086 *Alun Lloyd Davies*

Lower plasma concentrations of glycine and serine, along with the CPS1 and BHMT genotypes, are associated with obesity and lipid profile in Polish adults

LBP4.087 *Monika Młodzik-Czyżewska, Agata Chmurzynska*

Management of Severe Obesity in the Elderly: Evaluation of a Cohort of Patients Aged 70 and Older Treated with Glucagon Like Peptide -1 Receptor Agonist

LBP4.088 *Denisa Keli, Sebastien Czernichow, Nathalie Rassy, Claire Rives Lange, Marc Goeau Brissonière, Charles Barsamian, Claire Carrette*

Effect of Glucagon-like peptide-1(GLP-1) on Weight Reduction in Non-Diabetic PCOS Women with Obesity in Kuwait

LBP4.089 *Amna Ali Shaghoul, Sara Rifaat Daou, Manjusha Sibi Sibi*

Response to treatment with incretin therapies in patients with obesity evaluated in the health area of Huelva

LBP4.090 *Maria Eugenia López Valverde, Rocío Reina Castro, Diego Jesús Del Can Sánchez, Manuel Martín López, Rosa Márquez Pardo, Rossana Manzanares Cordova, Fernando Moreno Obregon*

LATE BREAKING POSTERS

- LBP4.091** **Exercise in women undergoing bariatric surgery: impact on the ovarian function and cardiometabolic risk factors**
Andrés Baena Raya, Sonia Martínez Forte, Elena Martínez Rosales, Manuel Ferrer Márquez, Laura López Sánchez, Alba Hernández Martínez, Alba Esteban Simón, David Ruiz González, Pablo Soriano Maldonado, Lorena Carmona Rodríguez, Ana Del Mar Salmerón, Ana Cristina Abreu, Jesús Aceituno Cubero, Manuel Antonio Rodríguez Pérez, Carlos Gómez Navarro, Ignacio Fernández De Las Nieves, Enrique García Artero, Borja Martínez Téllez, Ana María Fernández Alonso, Alberto Soriano Maldonado
- LBP4.092** **Obesity in Adults: Adapting a Clinical Practice Guideline for South Africa**
Marli Conradie Smit, Wayne May, Nicole Pearce
- LBP4.093** **Weight bias internalization and its association with physical activity in women with overweight or obesity seeking pregnancy: Baseline findings from the PRE-STORK trial**
Nina Kornerup, Julie Hagstrøm Danielsen, Karoline Kragelund Nielsen, Majken Lillholm Pico, Emilie Bahne, Rikke Tannenbergs Klemmensen, Nida Ghauri, Ronni Eg Sahl, Tina Vilsbøll, Signe Torekov, Louise Groth Grunnet
- LBP4.094** **Stakeholders' Perspective on Obesity-Related Interventions in Ghana: A Delphi Study**
Kingsley Agyemang
- LBP4.095** **Clinical and comorbidities' profile of patients with obesity in a second-level endocrinological centre**
Antonino Russo, Vito Racanelli
- LBP4.096** **Whole Body Cryostimulation as A Novel Therapeutic Approach to Enhance Mobility in Individuals with Obesity. A focus on Trunk and Shoulder**
Federica Verme, Serena Cerfoglio, Jacopo Maria Fontana, Angelo Alito, Veronica Cimolin, Paolo Capodaglio
- LBP4.097** **Reduced arterial stiffness and insulin resistance in women awaiting bariatric surgery in spite of increased body fat**
Tania Romacho, Elena Martínez-Rosales, Laura López Sánchez, Manuel Ferrer Márquez, Lorena Carmona Rodríguez, Pablo Soriano Maldonado, Alberto Soriano-Maldonado, Enrique G. Artero
- LBP4.098** **The Impact of Sarcopenic Obesity on Nutrition, Physical Activity, and Mortality in Older Adults: A Community-Based Study**
Hsiang Han Kao, Cheng Chieh Lin, Chih Hsueh Lin, Wen Yuan Lin, Tsai Chung Li
- LBP4.099** **Implementation of an intensive group-based lifestyle intervention for weight loss and remission of type 2 diabetes in a national health service**
Hannah Dale, George Thom, Amy Malaguti
- LBP4.100** **Beyond weight: body composition assessment after bariatric surgery**
Paula García Sancho, Lluís Vila, Irela Lopez, Gemma Francisco, Christian Munne, Jessica Guzman, Daniel Rubira, Rosa Prats, Ruth Lopez, Sergi Sanchez Cordero
- LBP4.101** **A Deflection Point During Weight Loss: Call for Identification and Action**
Brurya Tal, Gabi Shefer, Jessica Sack, Yonit Marcus, Yael Sofer, Marianna Yaron, Limor Ben Haim, Yona Greenman, Naftali Stern
- LBP4.102** **Integrating lifestyle and pharmacological strategies to optimize reproductive outcomes in women with ovulatory dysfunction and excess weight: A network meta-analysis**
David Ruiz González, Elena Martínez Rosales, Andrés Baena Raya, Ana M Fernández Alonso, Signe Altmäe, Alberto Soriano Maldonado
- LBP4.103** **Obesity, testosterone levels and the risk of erectile dysfunction**
Vesela Stancheva Mihneva, Ivaylo Atanasova Bogomilov, Branimira Mihaylova Mihaylova, Tzvetelina Totomirova
- LBP4.104** **Impact of supervised exercise on arterial stiffness in women following bariatric surgery: a randomised controlled trial**
Alba Hernandez-Martinez, Sonia Martínez Forte, Andrés Baena Raya, Elena Martínez Rosales, Manuel Ferrer Márquez, Laura López Sánchez, Alba Esteban Simón, David Ruiz González, Pablo Soriano Maldonado, Lorena Carmona Rodríguez, Ana Del Mar Salmerón, Ana Cristina Abreu, Jesús Aceituno Cubero, Manuel Antonio Rodríguez Pérez, Carlos Gómez Navarro, Ignacio Fernández De Las Nieves, Enrique García Artero, Borja Martínez Téllez, Ana M Fernández Alonso, Alberto Soriano Maldonado

LATE BREAKING POSTERS

- LBP4.105** **Epidemiological profile of individuals candidates for bariatric surgery at a university hospital in Northeastern Brazil: A cross-sectional study**
THAIZA TEIXEIRA XAVIER NOBRE, Catharine Angélica Farias, Clebeson Nogueira, Palomma Russelly Saldanha de Araújo Oliveira, Pedro Paulo Silveira Souza, Cynthia Godoy, Maria Do Socorro Luna CRUZ
- LBP4.106** **Multi-strain probiotics in the treatment of obesity-related inflammation**
Ivaylo Atanasov Bogomilov, Vesela Stancheva Mihneva, Branimira Mihaylova Mihaylova
- LBP4.107** **Systematic Review: Impact of RYGB & SG on Dietary Intake**
Dalal Qanaq, Simon Cremona, Francesco Rubino
- LBP4.108** **Multi-center, single blind, prospective, randomized, superior comparative study to evaluate the Efficacy and Safety of High Intensity Focused Electromagnetic (HIFEM) Treatment for Subcutaneous fat reduction**
Kyung-Soo Kim, Sang-Wook Song
- LBP4.109** **Assessing maternal awareness of Pre- and Post-Pregnancy, and neonatal weight as risk factors for Non-Communicable Diseases: A Cross-sectional Study**
Faustus Ajamah, Takwe Boniface Njecko, Mbuyi K. Bongdzeem, Akom Calvin, Nfor Shirley Mburli, Kpeya Queen, Agbor Michael Ashu
- LBP4.110** **Time-restricted eating and dietetic education on weight and body composition over 12 months in adults at risk of diabetes – an exploratory analysis**
Evelyn B Parr, Rasha Charrouf, Amy T Hutchison, Steve A Flint, Xiao Tong Teong, Andrew D Vincent, Ana Paula Bravo Garcia, Zoe Siviour, Gary Wittert, Leah Brennan, Brooke L Devlin, John A Hawley, Leonie K Heilbronn
- LBP4.111** **Underreporting of energy intake in patients with bariatric surgery**
Claudia Martinez Cordero, Daniel Kusnir, Nantli Rodriguez Murguía
- LBP4.112** **Association between Allergic Rhinitis-Related Factors and Risk of Sleep Apnea in Korean Adults over 40 Years Old: Based on the 8th (2019-2021) National Health and Nutrition Examination Survey**
Changjin CHOI, Hyunah Lee
- LBP4.113** **The Effect of DLPC on Lipolysis and Adipocytolysis in Adipocytes**
James Lim, Ji Hoon Jeong
- LBP4.114** **Evaluation of a motivational interviewing approach for health behaviour change for women with overweight or obesity before pregnancy: a mixed methods study**
Megan Mitchell, Lauren C Mead, Andrea R Deussen, Jodie Dodd
- LBP4.115** **Impact of Overweight and Obesity on Glucose Control and Diabetes-Related Complications in Patients with Type 1 Diabetes Mellitus**
Luděk Horváth, Milos Mraz, Jana Klouckova, David Vávra, Klara Sochorova, Robert Bem, Martin Haluzik
- LBP4.116** **Effective Implementation Strategies for Obesity Prevention in Low-Income Communities**
Maria Siva, Anna Banik, Natalia Paduszynska, Biljana Meshkovska, Sondre Haugsbø Herstad, Luis Cereijo Tejedor, Aleksandra Luszczynska
- LBP4.117** **Hierarchical clustering reveals two distinct weight loss phenotypes under a very-low calorie ketogenic diet prescription**
Miksa Máté Henkrich, Begoña de Cuevillas, Víctor de la O Pascual, Barbara Vizmanos, Maitane Nuñez García, Ignacio Sajoux, José Alfredo Martínez Hernández, Daniel de Luis
- LBP4.118** **Characterisation of the effect of fixed-dose, extended-release naltrexone and bupropion on body composition**
Vanessa Tardio, Peter Yin, Fernando Camacho, Maxime Barakat, Michael A Tsoukas
- LBP4.119** **The Effect of Different Exercise Training Programs on Executive Function in Individuals with Obesity**
Zehra Betül Karakoç, İlkan demirbüken, Özden Erkan Ogul, Hasan Onur Kees, ÖZDEN EZGİ Üner, MINE GÜLDEN POLAT
- LBP4.120** **Bariatric and Metabolic Surgery: What Are the Costs Associated with Pharmacological and Nutritional Therapy?**
Ana Carolina Pereira, Mariana Santos Silva, Fábio André Cardoso, Cristina Teixeira

LATE BREAKING POSTERS

- LBP4.121** **Evaluating the Impact of a Mindful Eating Digital Solution on Eating Behaviours and Weight**
Katie Lips, Diane Sharples, Lisa Newson, Louise Clancy Moore
- LBP4.122** **Eating Freely: A Mixed-Methods Feasibility Study of an Online Group Intervention for Emotional Eating in Adults with Obesity**
Dawn Power, Emma Murphy, Andrew Jones, Gemma Traviss Turner, Jamie Matu, Louisa Ells
- LBP4.123** **Effect of a short term cyclical ketogenic diet weight loss, glycemic control and insulin sensitivity in South Asian Indians**
Rucha Mehta
- LBP4.124** **Implementation of healthy lifestyle workshops for people with obesity in Gipuzkoa**
Eluska González Aseginolaza, Maite Guridi Amenabar, Tamara Evelyn Gómez Castellón, María Josefa Parga Soutullo, Maitane Rubio De Jesús, Iñaki Roa Martínez, Eva Pereda-Pereda
- LBP4.125** **Cardiovascular, Metabolic and Renal Short-term effects from GLP1 analogues**
Rosa Sánchez Hernandez, Rocío Zamora González Mariño, Laura Rodríguez Osorio Jiménez
- LBP4.126** **Using Waist-to-Height Ratio Residuals Approach to Distinguishing Phenotypes in People with Overweight and Their Cardiovascular Implications**
Jen-hsuan Liu
- LBP4.127** **Gut microbiota shifts after a weight loss program in adults with obesity: the WLM3P study**
Vanessa Patricia Moutinho Pereira, Amanda Cuevas Sierra, Victor De La O, Rita Salvado, Inês Barreiros Mota, Inês Castela, Christophe Espirito Santo, Ana Faria, Conceição Calhau, Marta Silvestre, André Moreira Rosário
- LBP4.128** **The Effect of GLP-1 Receptor Agonist on Muscle Mass and Body Composition in Adults with Obesity: A Six-Month Prospective Cohort Study**
Dinabel Peralta Reich, Luisa Fernanda González Ballesteros, Lina María González Ballesteros, Alexandra Kayla Filingeri
- LBP4.129** **Impact of increased weight on decision of fasting Ramadan as well as risk of hypoglycaemia and/or hyperglycaemia for people with type 2 diabetes**
Hassanein Mohamed Mahmoud Aly, Naweed Alzaman
- LBP4.130** **Impact of obesity on prevalence of heart failure with preserved ejection fraction(HFpEF) in people with type 2 diabetes**
Praveen Shukla, BRIJ MOHAN MAKKAR, Manisha Arora, Kirti Soota
- LBP4.131** **From Adiposity to Kidney Dysfunction: The Emerging Role of PTM-Fetuin-A**
Evelina Boykova Zlatanova, Miroslava Benkova-Petrova, Alexander Petrov, Petur Petkov, Svetla Staykova
- LBP4.132** **Evaluation of a Food Estimation Method Using the Hands and a Mobile App for Self-Monitoring of Calories and Weight Loss: A Randomized Controlled Trial**
Jumana Antoun
- LBP4.133** **Short-Term Liraglutide in Congenital Generalized Lipodystrophy: Effects on Metabolic Parameters and Satiety**
Jessica Silveira Araújo, Natalia Prado Boris, Lana Livia Linard, Lorena Taúsz Tavares Ramos, Karine Moura, Amanda Caboclo Flor, Grayce Ellen Da Cruz Paiva Lima, Virginia Oliveira Fernandes, Renan Magalhães Montenegro Junior
- LBP4.134** **Why We're Failing in Obesity Treatment: The Overlooked Role of Eating Speed, Chronotypes and Sleep Quality on Body Composition**
Ana Rabaça Alexandre, Rui Póinhos, Cri Obesidade, Bruno Oliveira, Flora Correia
- LBP4.135** **Early effects of Glp-1 receptor agonists on obesity treatment in real life: a single center study**
Antonino Russo, Vito Racanelli
- LBP4.136** **Population differences in obesity-linked polymorphisms affecting bariatric surgery outcomes**
Mariana Santos Pereira, Tomás Oliveira Madureira, Marta Guimarães, Mariana P. Monteiro, Sofia S. Pereira, Luísa Azevedo
- LBP4.137** **Exercise Matters: How Physical Activity Impacts Well-being Beyond Weight in Patients with Obesity**
MARTA SANCHEZ PEREZ, Borja Santana, Irene Hernández
- LBP4.138** **The long-term effectiveness of public health intervention 'healthy way' on improving health outcomes and reducing obesity rates in midway**
Rhianna Martin

LATE BREAKING POSTERS

- LBP4.139** **Phase Angle in Overweight and Obesity: Further Data and Analysis for an Accurate Obesity Diagnosis**
Valentina Vinelli, Rebecca De Lorenzo, Aurora Merolla, Costanza Bagnati, Giulia Morocutti, Emanuele D'angelo, Eleonora Senini, Francesca Paoletti, Maria Pia Ruggero, Martina Laffranchi, Simona Santoro, Antonella Spanò, Elisabetta Devecchi, Monica Marchi, Giuseppe Ancona, Patrizia Rovere Querini
- LBP4.140** **Different metabolic phenotypes are identified by High-Density and Low-Density Lipoprotein cholesterol levels**
Aurora Merolla, Rebecca De Lorenzo, Jacopo Castellani, Giulia Morocutti, Alberico Di Resta, Emanuele D'angelo, Lorenzo Ciocca, Giacomo Paolazzi, Francesca Paoletti, Simona Santoro, Giuseppina Manganaro, Laura Leoni, Antonella Spanò, Eleonora Senini, Martina Laffranchi, Costanza Bagnati, Valentina Vinelli, Giuseppe Ancona, Francesco Paciullo, Teresa D'aliberti, Emanuela Setola, Sabina Martinenghi, Patrizia Rovere Querini
- LBP4.141** **The Relationship Between Anthropometric Measurements and Lipid Profile in Response to Tiraglutide Treatment in Individuals with Obesity**
Martina Matovinović, Maja Sirovica, Filip Mustač, Rea Levicki, Anja Bošnjaković, Mario Lovrić
- LBP4.142** **Visceral Adiposity and Fat Mass Drive High-Sensitivity CRP Elevation in Obesity**
Rebecca De Lorenzo, Valentina Vinelli, Aurora Merolla, Costanza Bagnati, Giulia Morocutti, Emanuele D'angelo, Antonella Spanò, Francesca Paoletti, Maria Pia Ruggero, Martina Laffranchi, Simona Santoro, Eleonora Senini, Elisabetta De Vecchi, Monica Marchi, Giuseppe Ancona, Patrizia Rovere Querini
- LBP4.143** **Comparative study of the effectiveness of laparoscopic sleeve gastrectomy between morbidly obese and super-obese patients: experience from a reference center in Southeastern Mexico**
Octavio Avila Mercado, Jason Rivera Franco, Jose Manuel Reyes Ruiz, Claudia Franco Castro
- LBP4.144** **Functional foods in homocysteinemia in the patient with overweight - a case study**
Camelia Rătea, Adriana Daniela Socianu
- LBP4.145** **Gradient Association between Body Roundness Index and Metabolic Dysfunction-Associated Steatotic Liver Disease (MASLD) Independent of Body Weight**
Chia-Wen Lu, Kuo Chin Huang
- LBP4.146** **The Impact Of Anti-Obesity And Diabetes Medications On Athletic Performance: Exploring The Intersection Of Weight Management And Physical Fitness**
Joyce Rodrigues Façanha, João Carvalho Júnior, Dharies Correia, Marcella De Sousa, Diogo Toledo, Guilherme Giorrelli, Alessandra Bedin-Pochini
- LBP4.147** **Age-related Differences in Anthropometric and Lifestyle Factors Associated with Metabolic Syndrome in Women with Overweight and Obesity**
Katarzyna Dereń, Magdalena Zielińska, Edyta Łuszczki
- LBP4.148** **Predictors of metabolic syndrome in women: Analysis of sociodemographic, anthropometric and lifestyle factors**
Magdalena Zielińska, Izabela Michorńska, Katarzyna Dereń
- LBP4.149** **Effects of two exercise packages designed for individuals with obesity on inhibitory control**
zehra betül karakoç, ilkşan demirbüken, Hasan Onur Keles, Özden Erkan Oğul, ÖZDEN EZGİ ÜNER, MINE GÜLDEN POLAT
- LBP4.150** **Whole-Body Cryostimulation Reduces mitochondrial DNA and Inflammation in Patients with Obesity**
Valentina Selleri, Federica Verme, GIADA ZANINI, Giorgia Sinigaglia, Giulia Micheloni, Marcello Pinti, Paolo Piterà, Jacopo Maria Fontana, Milena Nasi, Paolo Capodaglio
- LBP4.151** **How Significant Is the Impact of Motivation, and How Can It Change the Course of Obesity Treatment? - A Case Report**
Tony Rumora, Ana Smolci, Filip Mustač, Darko Marčinko, Martina Matovinović
- LBP4.152** **The Importance of Psychological Support and the Consideration of Obesity Within the Framework of Psychosomatic Medicine**
Filip Mustač, Martina Matovinović, Darko Marčinko
- LBP4.154** **Obesity prevalence is high in Dalmatian patients with arterial hypertension**
Josipa Radić, Marijana Vučković, Hana Dogaš, Andrea Gelemanović, Mislav Radić

EXHIBITION PLAN

