

# WORLD OBESITY

## CONTENTS

XII International Congress on Obesity

# WELCOME



## Ismail Noor

President ICO 2014 and President of MASO

Dear ICO Delegates,

On behalf of the World Obesity Federation (previously IASO) and the Malaysian Association for the Study of Obesity (MASO) it gives me great pleasure in welcoming all delegates to the 12th International Congress on Obesity (ICO) and to our beautiful city of Kuala Lumpur, Malaysia. We offer you the state-of-art venue in KLCC, situated besides the Petronas Twin Towers, for most, it is a sight to behold.

Since the first ICO in 1974, it has previously been held once in Kobe, Japan in 1990 and once in Sydney, Australia in 2006, thus it is timely for it to be in Asia once again after more than two decades. Rapid development and the upward trend in economic status of many countries in the region have led to a significant increase in the prevalence of obesity. The health burdens related to obesity are increasing more rapidly in Asia than anywhere else in the world and governments can no longer ignore the problem.

Under the able leadership of Professor Paul Trayhurn and a group of hard working International Scientific Committee members we are able to offer an eight track scientific programme. Packed over 4 days with some 100

world renowned invited speakers, ICO 2014 provides a unique opportunity for all interested in obesity to garner new knowledge, share their experiences and expertise, and seek practical solutions in our quest to prevent the escalation of the obesity epidemic and to help manage it globally.

Malaysia 'truly Asia' has the essence of an ideal host country, located in the heart of Asia with world-class infrastructure and easy accessibility. It is economically friendly for most nations, especially the developing countries. It is a renowned tourist destination in Asia, boasting of a multi-racial cultural society living in a blend of old and new world charm. The political climate is stable with ease of passage for delegates to enter the country, thanks to the government policy in promoting Malaysia as a tourist and convention destination.

I would like to express my sincere thanks to the hard working World Obesity team in London, the local organising committee in Kuala Lumpur and MyCEB for supporting our promotional activities.

To all the delegates, thank you for supporting ICO 2014. I look forward to welcoming you in Kuala Lumpur, have a fruitful Congress and enjoy your stay in Malaysia.



## Phil James

President of World Obesity Federation

Welcome to the 12th International Congress on Obesity which reflects the dramatic changes in our approach to obesity since the last Congress in Stockholm, Sweden in 2010. This congress is an appropriate innovation given the extraordinary developments in the whole of the Asian region. The World Obesity Federation (previously IASO) has been running a series of clinical SCOPE schools (Specialist Certification in Obesity Professional Education) in this region as well as having its staff and Executive attending meetings of the Asia – Pacific regional body and a host of other conferences in China, South Korea, India, Indonesia, Japan, Malaysia, Philippines, Singapore and Thailand as well as Australasia and the Pacific Islands. Given, however, the billions living in this region with new evidence of the extraordinary burden of disease associated with weigh gain in this region's populations it is clear that we need to continue to work closely with our Regional and National Association Members.

So this meeting presents a new opportunity to see how best we can work together and indeed learn from each other. This need is amplified by the demonstration that the co-morbidities of weight gain are not only so much greater in the region than those observed in Northern Europe and North America but also similar to findings in other Latin American, Caribbean and Middle Eastern countries where pandemic childhood malnutrition was so evident only 2-4 decades ago. These features present major scientific, clinical and public health challenges and make the work of scientists, the health service professions and policy makers so important.

In keeping with these new challenges as an organisation we are changing rapidly. We need to engage more effectively across the globe and also present a broader image than that implied by our old name. So, as of this meeting, IASO will now be known as World Obesity. With the launch of our new name we hope to show that we are no longer simply focussed on the study of obesity, but on bringing together and encouraging the very best thinking and practice in addressing the obesity crisis. We believe that our new name and strapline – Knowledge Solutions Action – captures this new role with simplicity and clarity.

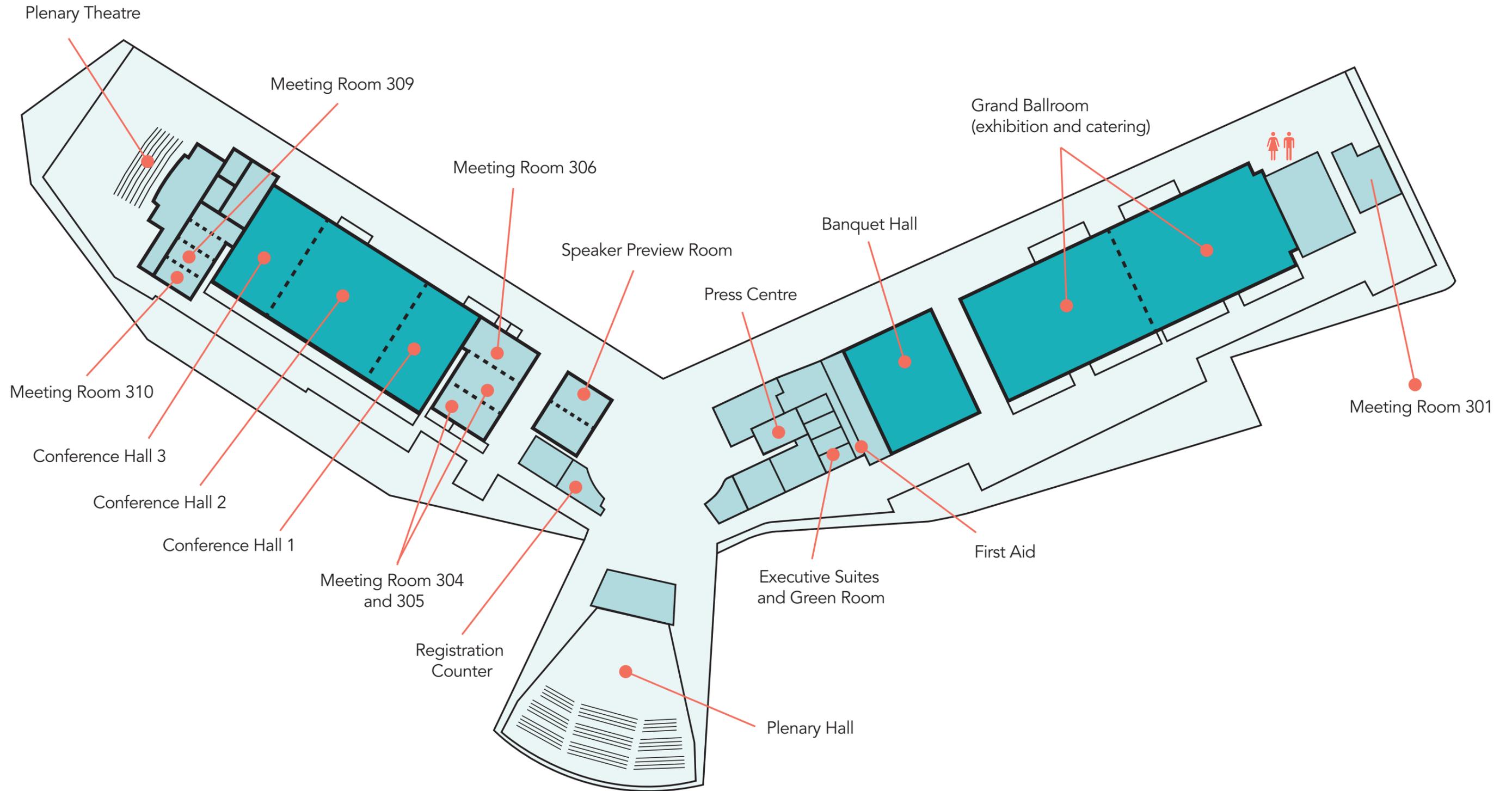
So in the future we will be very different from the organisation which started with its first Congress in

London in 1974. At that stage the Congresses were often developed for a small number of committed scientists and doctors with a venue oscillating between Europe and North America. By 1995, however, obesity had become far more prevalent so the International Obesity Task Force (IOTF) was formed to try to change the image of obesity and emphasise its medical and public health importance. IOTF produced the draft for the now classic first WHO report on obesity and IASO immediately demanded that IOTF should continue its work. So following the extraordinary interest shown at the Paris ICO in 1998 IOTF moved to new London offices and helped to establish and then merge with IASO as a legal international charity. We were then asked to help the European arm of IASO to establish itself as an active body so EASO (European Association for the Study of Obesity) was supported administratively and with a host of policy initiatives as European countries and indeed the European Commission realised the significance to society of the escalating obesity problem. This then led to EASO becoming an independent charity.

Since 2010, our current Executive Director, Christine Trimmer, has transformed our organisation which is now sited in Charles Darwin House in central London alongside a number of major scientific and medical societies. Both the IOTF and the Education and Management Task Force (EMTF) have also been revamped by the current chairs. Our rebranding is also an opportunity to clarify two very important strands of our work – World Obesity Policy and Prevention (formerly IOTF) and World Obesity Clinical Care (formerly EMTF). Both strands have new and more explicit names that more accurately reflect the scope of their work and emphasise their pivotal role in the World Obesity family.

The obesity crisis is one of the biggest challenges of our time. So it is more important than ever that there is strong and unified global action to tackle it. We believe the clarity and directness of our new name and brand strengthens our ability to achieve our goals. So, as World Obesity embarks on the next phase of its development we need you to become engaged. With your support we will be able to provide better support for professionals, governments, and society in every part of the globe. This is a time of great opportunity so come and join us!

# FLOOR PLAN



# ROOMING LIST/ EVENT FLOW

## ROOMING LIST/EVENT FLOW

### Monday 17th March

	Start Time	End Time	Room
<b>AM</b>			
Registration	07:30	18:00	Level 3 CC Registration Counter
Short Welcome followed by Willendorf Award Plenary	09:30	10:30	Plenary Hall
Track 1: Adipose tissue inflammation, fibrosis and modelling	10:30	12:30	Conference Hall 2
Track 2: Epigenetics	10:30	12:30	Conference Hall 1
Track 4: Environments and biological impact	10:30	12:30	Plenary Hall
Track 6: The exposome	10:30	12:30	Room 304 + 305
Track 7: Should we target specific ages?	10:30	12:30	Conference Hall 3
<b>PM</b>			
Lunch Break and poster session	12:30	14:30	Grand Ballroom
Track 1: Peripheral signals in appetite	14:30	16:15	Conference Hall 1
Track 2: Perspectives on energy balance	14:30	16:15	Conference Hall 2
Track 3: Defining disease with imaging	14:30	16:15	Room 304 + 305
Track 4: Fetal programming	14:30	16:15	Conference Hall 3
Track 8: The healthy environment	14:30	16:15	Plenary Hall
Opening Ceremony	16:30	17:30	Plenary Hall
Networking Reception & Cultural Showcase	17:30	20:00	Grand Ballroom

### Tuesday 18th March

	Start Time	End Time	Room
<b>AM</b>			
Registration	07:30	18:00	Level 3 CC Registration Counter
Emerging issues for the Asia-Oceania Region sponsored by AOASO and World Obesity Federation	07:45	09:00	Conference Hall 1
Plenary Wertheimer Award	09:00	10:00	Conference Hall 2
Refreshment Break	10:00	10:30	Grand Ballroom
Track 1: Neuroscience appetite control and nutrient sensing	10:30	12:30	Conference Hall 3
Track 2: Gut microbiome what role in obesity?	10:30	12:30	Plenary Theatre
Track 3: Children and obesity: when does metabolic risk translate?	10:30	12:30	Conference Hall 1
Track 5: Lifestyle changing and maintaining	10:30	12:30	Conference Hall 2
Track 8: Health economics how should we be measuring?	10:30	12:30	Room 304 + 305
New Investigator Award	10:30	12:30	Room 306
<b>PM</b>			
Lunch Break and poster session	12:30	14:30	Grand Ballroom
Track 1: Adipose tissue development	14:30	16:15	Conference Hall 2
Track 2: Nutrigenetics and nutrigenomics	14:30	16:15	Plenary Theatre
Track 3: NAFLD	14:30	16:15	Room 304 + 305
Track 7: Are workplace interventions useful?	14:30	16:15	Conference Hall 3
Refreshment Break	16:15	16:45	Grand Ballroom
Plenary - Obesity Prevention Policies In Low And Middle Income Countries	16:45	17:30	Conference Hall 1
Debate Session - Hard or Soft Policies?	17:30	18:30	TBC
Evidence-based weight loss and maintenance with formula diet sponsored by Cambridge Weight Plan	17:30	19:00	Conference Hall 2
Assessing the impact of hydration on public health issues of obesity sponsored by Danone Research	17:30	19:00	Conference Hall 3
Integrated strategies for weight management sponsored by International Medical Press	17:30	19:00	Conference Hall 2
Weight management and the role of carbohydrates sponsored by BENEIO-Institute	17:30	19:00	Plenary Theatre
Community-Based Intervention Symposium sponsored by EPODE and World Obesity Policy & Presentation (formerly IOTF)	17:30	20:00	Meeting Room 304+305

## ROOMING LIST/EVENT FLOW

### Wednesday 19th March

AM	Start Time	End Time	Room
Registration	08:00	18:00	Level 3 CC Registration Counter
<b>How to Get Published sponsored by Nature Publishing Group</b>	<b>07:45</b>	<b>09:00</b>	<b>Conference Hall 1</b>
Plenary Andre Meyer Award	09:00	10:00	Conference Hall 2
Refreshment Break	10:00	10:30	Grand Ballroom
Track 1: Brown fat cellular origins and function in humans	10:30	12:30	Conference Hall 1
Track 3: Cancer from epidemiology through mechanisms to outcome	10:30	12:30	Room 304 + 305
Track 5: Bariatric surgery why, when, which?	10:30	12:30	Conference Hall 3
Track 6: Food and the food environment	10:30	12:30	Conference Hall 2
Track 8: Control of food supply	10:30	12:30	Plenary Theatre
<b>PM</b>			
Lunch Break and poster session	12:30	14:30	Grand Ballroom
Track 2: Novel obesity genes	14:30	16:15	Conference Hall 1
Track 3: Macronutrients and insulin resistance	14:30	16:15	Conference Hall 3
Track 5: Pharmacotherapy the options	14:30	16:15	Room 304 + 305
Track 1: Brown fat and energetics	14:30	16:15	Plenary Theatre
Track 7: Paediatric obesity	14:30	16:15	Conference Hall 2
Refreshment Break	16:15	16:45	Grand Ballroom
Plenary - Developmental Origins Of Health And Disease (DOHaD): Mechanisms And Implication	16:45	17:30	Conference Hall 2
Gala Dinner	19:00	22:00	Banquet Hall

### Thursday 20th March

AM	Start Time	End Time	Room
Registration	08:00	16:45	Level 3 CC Registration Counter
<b>Policy&amp;Prevention (formally IOFT) Update: Major Developments in Obesity Prevention</b>	<b>07:45</b>	<b>09:00</b>	<b>Conference Hall 2</b>
Plenary Public Health Award	09:00	10:00	Conference Hall 2
Refreshment Break	10:00	10:30	Grand Ballroom
Track 2: Genes and biomarkers	10:30	12:30	Conference Hall 3
Track 3: Transition to diabetes and CVD	10:30	12:30	Conference Hall 2
Track 4: Psychology eating disorders, depression, stress	10:30	12:30	Conference Hall 1
Track 7: Getting policy changed	10:30	12:30	Plenary Theatre
Track 8: Changing health services delivering healthcare	10:30	12:30	Room 304 + 305
<b>PM</b>			
Lunch Break and poster session	12:30	14:30	Grand Ballroom
Track 1: Inter-organ crosstalk	14:30	16:15	Plenary Theatre
Track 4: Sleep and chronobiology	14:30	16:15	Room 304 + 305
Track 8: Strategies and changing policy	14:30	16:15	Conference Hall 1
Track 6: Exercise type & physical activity	14:30	16:15	Conference Hall 2
Track 7: Personalised vs. population nutrition	14:30	16:15	Conference Hall 3
Refreshment Break	16:15	16:45	Grand Ballroom
Breaking Plenary & Closing Session	16:45	17:45	Conference Hall 2

# COMMITTEE MEETINGS

## COMMITTEE MEETINGS

(INVITATION ONLY)

Meeting	Date	Time	Room
World Obesity Executive Committee	Sunday 16th March	14:30 – 17:00	Traders Hotel – Meeting Room 3
World Obesity Finance Committee	Monday 17th March	11:00 – 12:30	Room 309
Policy & Prevention (formerly IOTF) Committee Meeting	Monday 17th March	12:45 – 14:15	Room 309
World Obesity Publications Committee	Monday 17th March	13:15 – 14:15	Room 310
Obesity Reviews Journal	Monday 17th March	14:15 – 15:15	Room 310
IJO Board Meeting	Tuesday 18th March	7.45 – 9:00	Room 309
AOASO Council Meeting	Tuesday 18th March	12.45 – 14:15	Room 309
Pediatric Obesity Journal	Tuesday 18th March	14:30 – 15:30	Room 310
Clinical Obesity Journal	Tuesday 18th March	13:15 – 14:15	Room 310
World Obesity General Council	Wednesday 19th March	12:45 – 14:15	Room 306
World Obesity Finance Committee Meeting	Wednesday 19th March	14:30 – 16:15	Room 310
World Obesity Executive Committee	Wednesday 19th March	16:15 – 17:30	Room 310
Clinical Care (formerly EMTF) Committee Meeting	Wednesday 19th March	15:15 – 16:15	Room 309
International Scientific Committee Meeting	Thursday 20th March	11:00 – 12:00	Room 310
SCOUT Group Meeting	Friday 18th	9am – 5pm	Traders Hotel

# GENERAL INFORMATION

## GENERAL INFORMATION

### ICO 2014 Mobile App

To access the congress programme, double check session locations, exhibition information, ICO 2014 abstracts and much much more, visit our website <http://goo.gl/5a4XpR> to download the free mobile app.

### Venue

#### Kuala Lumpur Convention Centre

Kuala Lumpur Convention Centre  
Kuala Lumpur City Centre  
50088 Kuala Lumpur, Malaysia

Tel: +60 (3) 2333 2888  
Fax: +60 (3) 2333 2882

### Banking Facilities at the Venue

Automated teller machines are available at the Centre Core of the Concourse level. These machines also accept Visa, Mastercard, American Express, JCB, Cirrus and Maestro cards. The nearest banks are located at the Suria KLCC shopping centre.

### Bureau de Change

The Bureau de Change is located at the Concourse Level and is open from 9am-6pm

### Electricity

The electricity supply in Malaysia is 230/240 volts -50hz. Malaysia uses the British Standard BS 1363 domestic AC power plugs and sockets. If your electrical appliance uses 110/120 volts, you need to use a transformer/converter to step down the 230/240 volts to your 110/120 volt appliances. Failing to do so will damage your electrical appliances.

### Internet Access

World Obesity are providing free wireless internet to ICO delegates on Level 3.

The network name is **L3wifi** and the password **abcde12345**

### Smoking Policy

Smoking is not permitted inside the congress venue

### Language

The official language of the congress is English – Interpretation facilities will not be provided.

### Prayer Rooms

Prayer rooms are available at the Centre Core on Concourse Level and Level 3 East and West Wing. Prayer mats, slippers and ablution wash area are provided in the prayer rooms.

### Photography and Mobile Phones

Flash photography is strictly forbidden during the sessions. Persistent offenders will be removed from the auditoria

Delegates are kindly requested to keep their mobile phones switched off in rooms where scientific and educational sessions are being held, as well as during the poster sessions.

Please note that sessions may be filmed for educational/promotional purposes. Delegates will be informed of this at the start of the session.

## Transport

### By Air

Kuala Lumpur International Airport is Malaysia's main International airport and is also one of the major airports of South East Asia. It is about 50km from Malaysia's capital Kuala Lumpur. The airport is in the Sepang district of Southern Selangor State. The airport is operated by Malaysia Airports Holdings Berhad (MAHB) and is the major hub of Malaysia Airlines, MASkargo and Air Asia.

### Low Cost Carrier Terminal (LCCT)

The Low-Cost Carrier Terminal (LCCT) is located about 20km from the Kuala Lumpur International Airport's (KLIA) Main Terminal Building. The LCCT was built specifically to cater to the growing number of passengers for low-cost airlines, especially Malaysia's first 'no-frills' airline, Air Asia. The LCCT is accessible by road – self-drive, taxi and bus, and rail - KTM Komuter, KLIA Ekspres and KLIA Transit.

### By Train

The KLIA Ekspres is a non-stop, Airport rail link service between Kuala Lumpur Sentral (KL Sentral) and the Kuala Lumpur International Airport (KLIA). The journey takes 28 minutes one way. Travellers can purchase the tickets either by automated ticketing machines or by ticketing staff at the stations.

### By Transit

Not to be confused with the KLIA Ekspres, KLIA Transit is a high-speed transit service designed for commuters and airport workers. The entire journey takes 35 minutes, with 3 stops along the way, and terminates at KL Sentral.

### By Taxi

A fast, safe and relatively economical way to get about, especially if you are a first time visitor.

Make sure that the meters are on as soon as you get in and avoid negotiating fares upfront. Surcharges apply after midnight and during heavy rain.

## Registration

All prices are quoted in Great British Pounds (£) and are inclusive of VAT.

	EARLY BIRD RATE	STANDARD RATE	ONSITE RATE
	Payment received by 23rd December 2013	Payment received by 3rd March 2014	From 17th March 2014
World Obesity Member	£475	£600	£650/3,600MYR
Malaysian Delegate	£475	£600	£650/3,600MYR
Non Member	£675	£800	£850/4,700MYR
World Bank	£400	£450	£500/2,840MYR
Full-time Student	£250	£350	£350/1,920MYR
Accompanying Guests	£120	£140	£150/820MYR

### Registration Inclusions:-

- Admission to the scientific session, industry symposia and exhibition
- Opening ceremony and Welcome Reception
- Scheduled lunches and coffee breaks
- Delegate bag, congress guide, abstract book or USB

## GENERAL INFORMATION

### Delegate Badges – colour scheme

All participants must clearly wear the ICO2014 badge. Entrance to the scientific sessions, exhibition, poster areas and social events will not be permitted without it.

- DELEGATE
- EXHIBITOR
- PRESS
- INVITED SPEAKER
- WORLD OBESITY STAFF
- WORLD OBESITY EXECUTIVE
- ACCOMPANYING PERSONS
- STAND CONTRACTOR

### Delegate Badges – replacements

An administration fee of £25GBP or 140MYR will be charged to replace any misplaced badges.

### Registration Desk Opening Hours

Monday 17th July:	07:30hrs – 18:00hrs
Tuesday 18th July:	07:30hrs – 18:00hrs
Wednesday 19th July:	08:00hrs – 18:00hrs
Thursday 20th July:	08:00hrs – 16:45hrs

The contact telephone for the Registration Desk is:  
+603-2333 2633

### Certificate of Attendance

To receive your certificate of attendance, please ensure that you have signed in for each day of the conference. Delegates will be able to view their SCOPE and CPD points and download their attendance certificate one week after the congress by logging into our SCOPE E-Learning website. Your username and password will be sent to attendees along with the congress feedback form one week after the congress.

### Accreditation

Attendance at ICO provides:

- 4 SCOPE points
- 16CPD points
- EACCME (accreditation pending at time of going to press - please use sign-in sheets provided to record your attendance)
- MMA points given accordingly
- 20 AHSD points

### Accreditation for Malaysian Delegates

The Malaysian Medical Association (MMA) offers accreditation to all Malaysian speakers and participants of the congress. Points will be given accordingly upon receiving the "Attendance Return" by the MMA CPD Committee.

In addition, the Allied Health Sciences Division, Ministry of Health Malaysia will provide 20 credit points to all allied health professionals attending the 4-days ICO 2014.

### Speakers

The Speaker Preview room is located in Meeting Room 302.

Speakers must submit their slides in the speaker preparation room at least two hours prior to the start of their session. Speakers who are presenting in an early morning session should check in their visual material the day before their presentation.

### Chairpersons and Speakers

Please ensure that you are available in the relevant lecture room at least fifteen minutes prior to the start of the session.

### Exhibition Area

#### Exhibition Opening Hours

- Monday 17th March: 12:30 – 20:00
- Tuesday 18th March: 10:30 – 16:45
- Wednesday 19th March: 10:30 – 16:45
- Thursday 20th March: 10:30 – 16:45

### Lunch and Refreshments

#### Morning Coffee Break Hours

Tuesday – Thursday: 10:00hrs – 10:30hrs

#### Lunch Break Hours

Monday – Thursday: 12:30hrs – 14:30hrs

#### Afternoon Break Hours

Tuesday – Thursday: 16:15hrs – 16:45hrs

### Posters

Posters will be displayed in two sessions on either, Monday and Tuesday in Poster Session 1, or Wednesday and Thursday in Poster Session 2. Posters must be mounted by 12.30pm on either the Monday or the Wednesday according to your poster session allocation. They must be removed by 4.45pm on either the Tuesday or the Thursday.

### Disclaimer:-

The congress organiser reserves the right to amend the Congress Programme at any time without notice. Please note that this Programme is correct at the time of printing.

### Committees

#### ICO 2014 International Scientific Committee

- 🇬🇧 Paul Trayhurn
- 🇲🇾 Ismail Noor
- 🇸🇪 Louise Baur
- 🇩🇪 Barbara Cannon
- 🇬🇧 Ian Caterson
- 🇰🇷 Kyung Mook Choi
- 🇫🇷 Karine Clement
- 🇹🇼 Low-Tone Ho
- 🇪🇸 Alfredo Martinez
- 🇯🇵 Yuji Matsuzawa
- 🇨🇷 Carlos Monterio
- 🇵🇱 Krzysztof Narkiewicz
- 🇩🇪 Mathias Tschöp
- 🇬🇧 Jane Wardle

### Awards Committee

- 🇬🇧 Prof Paul Trayhurn (Chair)  
*University of Liverpool & University of Buckingham*
- 🇺🇸 Dr Richard Atkinson  
*Virginia Commonwealth University & Obetech Obesity Research Center*
- 🇪🇸 Prof Felipe Casanueva  
*University of Santiago de Compostela*
- 🇦🇺 Prof Ian Caterson  
*University of Sydney*
- 🇧🇷 Prof Walmir Coutinho  
*Catholic University of Rio de Janeiro*
- 🇨🇦 Dr Mary-Ellen Harper  
*University of Ottawa*
- 🇯🇵 Prof Kenji Kangawa  
*National Cerebral & Cardiovascular Center Research Institute & Kyoto University Graduate School of Medicine*
- 🇩🇪 Prof Susanne Klaus  
*German Institute of Human Nutrition & University of Potsdam*
- 🇿🇦 Prof Tessa van der Merwe  
*Waterfall City Hospital & University of Pretoria*
- 🇩🇰 Prof Thorkild Sorensen  
*Institute of Preventative Medicine, University of Copenhagen*

# WORLD OBESITY EXECUTIVE COMMITTEE (TRUSTEES)

## President

 Philip James

Professor Philip James is currently an honorary member of the London School of Hygiene and Tropical Medicine where he wrote the first government report on obesity research in the early 1970s which led to a series of national and World Health Organisation (WHO) commissions which he chaired on obesity prevention, the SIGN first guidelines on obesity management and a series of WHO reports on diet and chronic diseases for Europe and then globally. He established the International Obesity Task Force in 1996 which developed the first report for WHO explicitly on obesity. Professor James also established and developed for physicians the SCOPE internet and national programmes for obesity management in Europe. Professor James now advises governments throughout the world on how to tackle the epidemic of obesity and chronic disease. (Term of office 2010 – 2014)

## President Elect

 Walmir Coutinho

Professor Walmir Coutinho is Full Professor of Endocrinology at the Catholic University of Rio de Janeiro, Brazil, where he serves currently as Vice-Director of Post-Graduation Medical School. He also co-ordinates the Post-Graduation course of Endocrinology, through which over 500 physicians have been trained and received their post-graduation degree over the last 20 years. He received his Master Degree from Catholic University of Rio de Janeiro and the PhD from the Federal University of São Paulo. Professor Coutinho coordinates the Obesity and Eating Disorders Research Group at the State of Institute of Diabetes and Endocrinology of Rio de Janeiro and has authored or co-authored over 50 scientific papers, mainly related to Psychoneuroendocrinology and pharmacological treatment of Diabetes and Obesity. He is past-President of Brazilian Association for the Study of Obesity and Latin American Federation of Obesity Societies. He served as Vice-President of IASO for Latin America. He developed a concordat with ten Latin American Countries to tackle the prevention and management of obesity: the Rio de Janeiro Declaration. He also co-ordinated several campaigns for public awareness and education on obesity and diabetes in Brazil and other Latin-American countries. He helped to develop in Latin America long standing initiatives, linking medical societies to governments for the prevention and management of chronic diseases in the continent, which included multi-governmental collaboration. (Term of office 2014 - 2016).

## Treasurer

 David York

David York, a Professor in the Biology Department at Utah State University, also serves as Editor in Chief of Obesity Reviews and as Treasurer of IASO. It was his initiative to develop the Stock conference series and he has been responsible for organization of every conference to date. His lifetime of research on animal models of obesity has focused particularly on understanding the central mechanisms that regulate feeding behaviour and peripheral metabolism. His early work showed the close integration of feeding behaviour with autonomic regulation of peripheral metabolism that has proven important in understanding the causes of obesity. (Term of office 2010 – 2014)

## Deputy Treasurer

 Ian MacDonald

Ian Macdonald is Professor of Metabolic Physiology at the University of Nottingham and Head of the newly formed School of Life Sciences in the Faculty of Medicine and Health Sciences. Ian Macdonald's research interests are concerned with the functional consequences of metabolic and nutritional disturbances in health and disease, with specific interests in obesity, diabetes, cardiovascular disease and exercise. He has published over 300 peer-reviewed original research papers, together with reviews, book chapters and invited contributions. He is a former Chair of the UK Association for the Study of Obesity and former President of the Nutrition Society of the UK and Ireland. He is currently joint Editor of the International Journal of Obesity, a member of the UK Scientific Advisory Committee on Nutrition, a Fellow of the Society of Biology, a Registered Nutritionist and an Honorary Fellow of the Association for Nutrition (term of office 2013 Deputy Treasurer, 2014-2018 Treasurer).

## Secretary

 Ismail Noor

Professor Ismail Noor is the Professor of Human Nutrition at the Department of Nutrition and Dietetics, MARA University of Technology, Malaysia. He is a pioneer member of the Malaysian Association for the Study of Obesity (MASO) and has been the President since 1996, Secretary (1998-2002) and Vice-President (2002-2006), Asia Oceania Association for the Study of Obesity (AOASO), and Vice-President, Nutrition Society of Malaysia (1996-present). Professor Ismail has made an invaluable contribution to World Obesity's association work in Asia. He is the President ICO 2014 to be held in Kuala Lumpur, jointly organised by World Obesity and MASO and currently holds the post of Secretary (term of office: 2010-2014).

## WORLD OBESITY EXECUTIVE COMMITTEE (TRUSTEES)

### REGIONAL VICE PRESIDENTS

#### Asia Oceania Association for the Study of Obesity (AOASO) – Asian Region

##### Kuo-Chin Huang

Professor Kuo-Chin Huang is the Professor and Director in Department of Family Medicine, College of Medicine at National Taiwan University (NTU). He is also the Director of Department of Family Medicine at NTU hospital. Over recent years, Professor Huang has been invited to devote his effort in the research of geriatric nutrition and medicine as the co-investigator at Division of Gerontology Research, National Health Research Institutes in Taiwan. His major research interest has mostly focused on human nutrition, obesity and its related diseases. Professor Huang is currently the President of Taiwan Medical Association for the Study of Obesity, Chief Editor of Taiwan Geriatrics & Gerontology, and associate editor of Obesity Research and Clinical Practice. Since August 2010, he has been elected as the President of Asia-Oceanic Association for the Study of Obesity (AOASO). During his time, there were two regional conferences, the Asia Oceania Congress on Obesity (AOCO) 2011 in Manila of Philippines and AOCO 2013 in Bandung of Indonesia, successfully held. The next AOCO will be in 2015 in Nagoya, Japan.

#### European Association for the Study of Obesity (EASO) – European Region

##### Gema Frühbeck

Professor Gema Frühbeck was born in Spain and educated in the German schooling system, she attended the Medical Faculty at the University of Navarra (Pamplona, Spain) obtaining the MD in 1989 and the PhD in 1995 with a thesis on protein and lipid metabolism changes following bean intake. In 1997 with a fellowship grant of The Royal Society she performed a postdoctoral stay in Prof. Andrew Prentice's Energy Group at the MRC Dunn Clinical Nutrition Centre in Cambridge, UK. As Senior Consultant of the mentioned Department and Head of the Metabolic Research Laboratory of the University of Navarra, she combines everyday work in the clinical setting with basic research in

experimental animals and cells to try to disentangle the pathophysiological mechanisms contributing to obesity and its comorbidities. In the last years Gema has been recipient of The Nutrition Society's Silver Medal in 2000, the Sir David Cuthbertson Medal in 2005 and the Albert Struyvenberg Medal in 2013.

#### Latin American Federation of Obesity Societies (FLASO) – Latin American Region

##### Ana Margarita Nuila de Villalobos

Ana Margarita Nuila de Villalobos is a Medical Doctor from the University of El Salvador and holds a Degree in Internal Medicine. Ana Margarita has travelled extensively and holds a Diploma in Nutrition and Diet Therapy – Switzerland, Master of Nutrition and Metabolism from Zurich, Switzerland, a Master of Child and Adolescent Feeding from Atlanta, USA and a Postgraduate Endocrinology from the University of Southern California.

Ana Margarita is the Founder and current President of the Salvadorian Obesity Association ASOBE and also President of the Central American and Caribbean Federation of Obesity and Metabolism - FECCOM 2012-2014. She previously held the position of President of the Latin American Federation of Obesity (FLASO) from 2008-2010.

#### The Obesity Society (TOS) – North American Region

##### Richard Atkinson

Dr Richard Atkinson is Emeritus Professor of Medicine and Nutritional Sciences, University of Wisconsin Madison; Clinical Professor of Pathology, Virginia Commonwealth University, Richmond, VA; and the President of Obetech, LLC Richmond, VA. He is the Past President of The Obesity Society (TOS) and the joint editor of the International Journal of Obesity and of Nutrition and Diabetes. Dr Atkinson has promoted obesity policy and young investigator programs both nationally and internationally. His research focuses on human adenovirus (Ad-36)-induced obesity in animals and humans. Dr Atkinson represents the North American region at the IASO Executive Committee.

## ABSTRACT REVIEWERS

## ABSTRACT REVIEWERS

### Australia

Professor Louise Baur  
Professor Ian Caterson  
Professor Adrian Bauman  
Doctor Greg Cooney

### China

Doctor Aimin Xu

### Finland

Doctor Marjaana Lahti-Koski

### France

Professor Karine Clement

### India

Professor Chittaranjan Yajnik

### Japan

Professor Yuji Matsuzawa

### Malaysia

Professor Ismail Noor

### Netherlands

Professor Margriet Westerterp

### Poland

Professor Krzysztof Narkiewicz

### S Korea

Doctor Kyung Mook Choi

### Singapore

Professor Shigeki Sugii

### Spain

Doctor Alfredo Martinez

### Sweden

Professor Barbara Cannon

### Switzerland

Professor Abdul Dulloo

### Taiwan

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### UK

Professor Paul Trayhurn  
Professor Jane Wardle  
Professor Jon Arch  
Professor Sadaf Farooqi  
Doctor Paul Hocking

### USA

Professor David York  
Professor David Cummings

# WORLD OBESITY/ MEMBERSHIP

## WORLD OBESITY / MEMBERSHIP

### About World Obesity

World Obesity is a federation of member organisations in over **50 countries worldwide** representing scientists, medical and health professionals working in the field of obesity research, clinical management and education.

World Obesity Membership is accessible in the following categories:

- National Association Membership
- Associate Membership
- Individual Membership
- Corporate Membership

If you are an active member of your local organisation, then it is likely that you are already a World Obesity Member. If you cannot find an organisation that is local to you then you may be entitled to apply for Individual Membership. Please contact Heather Budd at [hbudd@worldobesity.org](mailto:hbudd@worldobesity.org) for more information.

### World Obesity Membership Benefits

World Obesity offers a variety of unique benefits that are exclusive to our members:

Discounted registration fees to World Obesity events which take place worldwide, including:

- The International Congress on Obesity (ICO)
- SCOPE Educational Courses
- Hot Topic Conferences
- Stock Conferences

Discounted subscription rates for the four official World Obesity journals:

- Clinical Obesity
- Obesity Reviews
- Pediatric Obesity
- International Journal of Obesity

Opportunities to be nominated for World Obesity's International Awards for Scientific Excellence

- Opportunities to apply for World Obesity Travelling Fellowship Awards
- Access to International policies, project updates and statistics on obesity via the World Obesity Data Portal
- A 20% discount on SCOPE online learning courses including subscriptions and individual modules
- International news and events calendar
- A monthly e-newsletter and weekly obesity in the news updates
- 15% discount on medical books from wisepress.com
- Opportunities for global networking with experts in the field of obesity

# WORLD OBESITY/ AWARDS

## WORLD OBESITY AWARDS FOR SCIENTIFIC EXCELLENCE



### The Willendorf Award (Clinical research): Arne Astrup

Award plenary is on Monday 17th March at 9.30am in the Plenary Hall

Arne Astrup is Head of The Department of Nutrition, Exercise and Sports, at the Faculty of Science, University of Copenhagen, Denmark, and Director of the Nordea Foundation funded OPUS Research Centre. He was created Knight of the Order of Dannebrog in 1999, and Knight of the First Order of Dannebrog in 2012.

Astrup attained a degree in medicine in 1982 and a Doctorate in Medical Science in 1986 from the University of Copenhagen, becoming Professor of Nutrition at the Research Department of Human Nutrition, Royal Veterinary and Agricultural University, Denmark, in 1990. His main areas of interest include the physiology and pathophysiology of energy and substrate metabolism, and the etiology and treatment of obesity. Major research collaborations include the EU multi-centre studies EUROSTARCH, CARMEN, NUGENOB, DIABESITY, DIOGENES, EMOB, and HEALTHGRAIN. He is currently Associate Editor of American Journal of Clinical Nutrition and member of the Editorial Board of Annual Reviews of Nutrition.



### The Wertheimer Award (Basic research) Rudolph Leibel

Award plenary is on Tuesday 18th March at 9am in Conference Hall 2

Dr. Leibel is Christopher J. Murphy Professor of Diabetes Research, Professor of Pediatrics and Medicine at Columbia University Medical Center, and Head of the Division of Molecular Genetics in the Department of Pediatrics. His research has related to adipose tissue biochemistry and cellular physiology, the molecular genetics of control of body weight in rodents and humans, the bioenergetics of body weight regulation in humans and the role of leptin in these processes, and

the molecular genetics of type 2 diabetes. He and his associates have cloned and characterized a number of genes in the pathways regulating body weight and modifying diabetes susceptibility, contributing in particular, to the molecular cloning and characterization of the leptin and leptin receptor genes. He has continued to pursue the molecular physiology of the "leptin axis" in body weight regulation. His recent work includes the use of human stem cells to elucidate the molecular/developmental processes related to diabetes and obesity.



### The André Mayer Award for Young Investigators: Anna Peeters

Award Plenary is on Wednesday 19th March at 9am in Conference Hall 2

Associate Professor Anna Peeters is the Head of Obesity and Population Health at the Baker IDI Heart and Diabetes Institute and President of the Australian and New Zealand Obesity Society. Anna is interested in bringing objectivity and equitability to strategies aimed at tackling the rapidly escalating rates of obesity in Australian communities. Anna leads a team of public health researchers who aim to build the evidence base for public health policy regarding the prevention of obesity and related diseases such as diabetes and cardiovascular disease. During the past decade her research, both in The Netherlands and Australia, has focused on obesity and the relationship between increasing weight and loss of life expectancy, links with disease and disability, and the implications for social inequalities in health. Anna is a National Health and Medical Research Council Career Development Awardee and previous VicHealth Research Fellow.



### The Population Science and Public Health Award: Steven Blair

Award Plenary in on Thursday 20th March at 9am in Conference Hall 2

Steven N. Blair is a Professor at the Arnold School of Public Health at the University of South Carolina. He is the recipient of three honorary doctoral degrees--from the Free University of Brussels, Belgium; Lander University, U.S.; and University of Bristol, UK. He has received awards from many professional associations, including the Population Science Research Award from the American Heart Association, the Stunkard Lifetime Achievement Award from The Obesity society, and the U.S. Surgeon General's Medallion. He has published over 620 reports in the scientific literature, and is one of the most highly cited exercise scientists, with over 38,000 citations to his work and an h-Index of 91.

## World Obesity New Investigator Award 2014

### Sponsored by Novo Nordisk



World Obesity is searching for the most outstanding International New Investigator in the field of obesity research. New Investigators who were sponsored by a World Obesity Member or a World Obesity Member Association were able to submit their abstract to be judged by the expert committee in a blinded fashion for the opportunity to go progress to the next stage. The five finalists will give their presentation and an overall winner will be selected based on the level of innovation, quality of science, research design and quality of presentation. All five finalists receive hotel accommodation, free registration and travel to attend ICO. The overall winner will receive an additional prize of £500 and a special award certificate.

Five candidates were shortlisted by a panel of experts for the New Investigator Award as per listed below:

- Catherine Gibbons, University of Leeds, UK
- Mengqin Cai, Chinese Academy of Sciences, China
- Elizabeth Dunford, The George Institute for Global Health, Australia
- Ha-Na Na, Pennington Biomedical Research Centre, USA
- Siti Wulan, Maastricht University, The Netherlands

The New Investigator Competition will take place on Tuesday 18th March at 10:30am in room 306

Each of the five finalists will be given 12 minutes to present their scientific presentation and there will be a three minute question period. The five presentations will be judged by an expert panel and an overall winner of Competition will be selected.

The winner of the competition will be announced after the Andre Mayer Award Lecture on Wednesday at 9.45am In Conference Hall 2

## IJO New Faculty Award 2014

### Sponsored by the International Journal of Obesity



Individuals who met the criteria for a new faculty member and who are a Member of a World Obesity Member Association were invited to submit their abstract to be judged for the competition. The abstracts submitted to the award were judged on level of innovation, quality of science, research design and quality of writing. The top ranked abstract in each category (Clinical Research, Basic Science and Population Science/Public Health) was selected as the winner. Each of these three winners will be awarded £1,000 and an award certificate.

The winners of the competition will be announced at the Population Science and Public Health Award Lecture at 9.45am on Thursday in Conference Hall 2.

## WORLD OBESITY AWARDS FOR SCIENTIFIC EXCELLENCE

### World Obesity Travelling Fellowship Winners

Sponsored by World Obesity Federation, Stevia and BodyStat



Travel bursaries were awarded to assist scientists and clinicians to attend ICO who would otherwise be precluded from participation for financial reasons. Applicants had to demonstrate their financial need for such support to attend the meeting and preference was given to those from developing nations (as defined by the World Bank). There was no age limit on this Fellowship.

The following individuals have been awarded one of the 2014 Travelling Fellowships:

-  Gabriela Gutierrez-Salmean (Mexico)
-  Julianna Moraes (Brazil)
-  Nishan Kaluphana (Sri Lanka)
-  Ranil Jayawardena (Sri Lanka)
-  Edson De Oliveira (Brazil)

# SOCIAL PROGRAMME

## Taking the pressure off

Cambridge Weight Plan is an evidence-based weight loss and maintenance programme with sustained health benefits.

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- Formula diets for primary and secondary care
- Proven benefit in obstructive sleep apnoea and osteoarthritis
- The solution for patients who need to lose weight before surgery
- Improved vitamin D status and maintained bone health
- Low drop-out rate



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[admin@cambridgeweightplan.co.uk](mailto:admin@cambridgeweightplan.co.uk)  
[www.cambridgeweightplan.co.uk](http://www.cambridgeweightplan.co.uk)

## SOCIAL PROGRAMME

### Opening Ceremony

**Date:** Monday 17th March

**Venue:** Kuala Lumpur Convention Centre

**Room:** Plenary Hall

**Time:** 16:30 – 17:30

Including a short welcome from Datuk Seri Dr S Subramaniam, Hon. Minister of Health Malaysia, followed by a freestyle football demonstration from ONEGOAL.

### Welcome Reception

**Date:** Monday 17th March

**Venue:** Kuala Lumpur Convention Centre

**Room:** Grand Ballroom

**Time:** 17:30 – 20:00

Come for the networking, stay for the food and Malaysian cultural showcase! This is your opportunity to meet with old friends, connect with new people and speak to that company rep about the new kit you are thinking of buying for your next project, all over some delicious food. Try your hand at Batik painting, pewter smithing, basket-weaving, songket weaving, wood-carving, henna art and calligraphy while listening to a traditional Malay orchestra (gamelan).

The Welcome Reception will take place in the Exhibition Hall where attendees will have an opportunity to network with fellow delegates and speakers from around the world. Attendees will have the chance to meet the exhibitors in a relaxed and informal setting. A cultural showcase, canapés and non-alcoholic welcome drinks are included. A cash bar will be provided where alcoholic drinks will be available for purchase.

### Gala Dinner

**(ticket purchase required)**

**Date:** Monday 17th March

**Venue:** Kuala Lumpur Convention Centre

**Room:** Banquet Hall

**Time:** 19:00 – 22:00

The Gala Dinner will be the focal point of the social programme. Join your fellow researchers and industry stakeholders for an exciting networking opportunity whilst enjoying a sumptuous seven course Chinese menu and wine in the Banquet Hall at the Kuala Lumpur Convention Centre.

Tickets must be purchased in advance. Ask at the registration desk for availability.

### Closing Ceremony

**Date:** Thursday 20th March

**Venue:** Kuala Lumpur Convention Centre

**Room:** Conference Hall 2

**Time:** 16:45-17:30

The closing ceremony will feature the breaking plenary and the announcement of the New Investigator Award Winner. We will also welcome in the new World Obesity President, Professor Walmir Coutinho and showcase the 2016 Congress which will take place in Vancouver, Canada 1st – 4th May.

## SPONSORS

## SPONSORS

### Gold Sponsors

#### Novo Nordisk A/S



Novo Nordisk is a global healthcare company with 90 years of innovation and leadership in diabetes care. The company also has leading positions within haemophilia care, growth hormone therapy and hormone replacement therapy.

Headquartered in Denmark, Novo Nordisk employs approximately 38,000 employees in 75 countries, and markets its products in more than 180 countries.

### Silver Sponsors

#### Cambridge Weight Plan



Cambridge Weight Plan (CWP) manufactures and markets formula diet products for very low calorie (<800kcal/d) and low calorie diet programmes (up to 1500kcal/d).

Established 30 years ago, CWP is now available in around 30 countries across the world, delivered by trained Cambridge Consultants and Health Care Professionals. The flexible weight loss programmes - which include a maintenance programme for sustainable weight management - are delivered using a range of products, including soups, shakes, bars, porridge and rice. The programmes deliver safe, predictable and cost-effective weight loss and maintenance, using products as the sole source of nutrition or as part of a balanced weight management plan.

CWP is actively involved in research programmes around the world, investigating the benefits of weight loss using formula diets on osteoarthritis, obstructive sleep apnoea and psoriasis. The company is also collaborating with major UK and EU funding bodies to address global health challenges including diabetes and pre-diabetes.

Copies of the published information from the research programmes are available from CWP at Stand 016.

CWP is proud to sponsor the industrial symposium on evidence based weight loss and maintenance with formula diet in Hall 1 on Tuesday 18 March, 17.30-19.00.

#### Danone



Danone is an international company present on all 5 continents. The group holds top positions in healthy categories: Fresh Dairy Products, Early Life Nutrition, Waters, Advanced Medical Nutrition.

R&D is at the very heart of Danone's mission: "bringing health through food to as many people as possible". Danone Nutricia Research combines the research and innovation of Danone, building bridges between science and nutrition, while adapting to different cultural and eating habits all over the world and engaging in the improvement of nutritional quality and environmental sustainability.

Our teams of 1,500 researchers and developers, split in 6 research centers (in France, the Netherlands, Spain, Singapore and China) and in 55 R&D branches, collaborate through more than 200 partnerships with the most recognized international scientific communities in their field.

Our teams are driven by the passion for creating a unique consumer experience, bringing health and well-being for all, at every moment of their life.

### Bronze Sponsors

#### BENE0



The BENE0-Institute facilitates access to the latest scientific research and knowledge throughout all nutritional and regulatory topics related to BENE0's ingredients. It provides BENE0's customers and partners with substantiated guidance for some of the most critical questions in the food industry.

# SPONSORED SYMPOSIA

## SPONSORED SYMPOSIA

Sponsored Symposia are sessions that are planned and conducted in conjunction with ICO 2014. They provide attendees with additional educational/informational opportunities but are not part of the official ICO 2014 scientific programme content.

Tuesday 18th March 2014

### Asia Oceania Association for the Study of Obesity

**Time:** 07:45 - 9:00hrs

**Location:** Conference Hall 1

**“Emerging Issues for the Asia Oceania Region”**

**Chair:** Gary Wittert



Circadian Variation Of Gastric Vagal Afferent Satiety Signals Are Abolished By Diet Induced Obesity – Stephen Kentish

Curvilinear Associations of Irregular Sleep Patterns with Glycemic Control in Type 2 Diabetes – Results from the Hong Kong Diabetes Registry - Jihui Zhang

Association between single-nucleotide polymorphisms (SNPs) of adiponectin (ADIPOQ) gene with obesity risk in Malay children – Christinal Teh

Bariatric surgery update 2013; 5-year Single center experience in South Korea - Yong Jin Kim

Transient Receptor Potential Channel-mediated Activation And Recruitment Of Brown Adipose Tissue In Humans – Takeshi Yoneshiro

### BENEO-Institute

**Time:** 17:30-19:00hrs

**Location:** Plenary Theatre

**“Weight management and the role of carbohydrates”**

**Physiological Diversity of Carbohydrates**

Dr. Stephan Theis, BENEIO-Institute, Germany:

**Recent Advances on the Role of Low Glycemic Carbohydrates in Weight Management**

Prof. Jeyakumar Henry, Singapore Institute for Clinical Sciences, Singapore

**Interaction of prebiotic inulin-type fructans with the gut microbiota – from mechanism to human nutrition**

Prof. Nathalie Delzenne, Université catholique de Louvain, Belgium



### Cambridge Weight Plan

**Time:** 17:30-19:00hrs

**Location:** Conference Hall 1

**“Evidence based weight loss and maintenance with formula diet”**

Chair: Margaret Ashwell, Ashwell Associates and Oxford Brookes University, United Kingdom

Delivering reliable, cost-effective weight loss where it is needed

Anthony R Leeds, University of Copenhagen and University of Surrey, England

Improving nutritional status while losing weight with formula diet

Pia Christensen, University of Copenhagen, Denmark

Weight Loss with formula diet in Malaysia

Winnie Chee, International Medical University, Malaysia Reversing diabetes

Mike Lean, University of Glasgow, Scotland.

Discussion



### CO-OPS Collaboration and EPODE International Network

**Time:** 17:30-19:00hrs

**Location:** Meeting Room 304 + 305

**“Community-Based Interventions for Obesity Prevention”**

**Chair:** Steve Allender, Co-Director, WHO Collaborating Centre for Obesity Prevention, Deakin University, Australia



Symposium on Community-Based Interventions for Obesity Prevention

17:30 - 17:50	Barriers and facilitators to uptake of community-based interventions internationally Jean Michel Borys, Director, EPODE International Network, France
17:50 - 18:10	Moving to large-scale systems approaches: Experiences from Healthy Together Victoria Dr Shelley Bowen, Senior Public Health Advisor, Victorian Department of Health, Australia
18:10 - 18:40	What can modelling contribute to stimulating systems thinking and systems evaluation? Dr Peter Hovmand, Director, Social System Design Lab, University of Washington in St Louis, USA Dr Ross Hammond, Senior Fellow in Economic Studies, Brookings Institute, USA
18:40 - 19:00	Stimulating obesity prevention in low and middle income countries: experiences from Mexico Dr Jose Angel Cordova MP, former Secretary of Health and Secretary for Public Education, Mexico
19:00 - 19:05	Discussant – highlights and commentary on presentations Professor Boyd Swinburn, University of Auckland, New Zealand and Deakin University, Australia
19:05 - 19:30	Panel discussion followed by drinks and nibbles

## SPONSORED SYMPOSIA

### Danone Research

**Time:** 17:30-19:00hrs

**Location:** Conference Hall 3

**“Assessing the impact of hydration on public health issues of obesity”**

**Chair:** Max Lafontan, Ph.D., INSERM Emeritus Research Director, Toulouse, France

Long-term weight effects of sugar-free or sugar-sweetened beverages in children and water interventions for the community

Jacob C. Seidell, Professor of Nutrition and Health, VU University and VU University Medical School, Amsterdam, The Netherlands

Fluid Intake patterns in Asian Countries

Saptawati Bardosono, Ph.D., Faculty of Medicine, University of Indonesia, Jakarta, Indonesia

Obesity Prevention Policies in Mexico

Simon Barquera, M.D, National Institute of Public Health, Cuernavaca, Mexico.



### International Medical Press

**Time:** 17:30-19:00hrs

**Location:** Conference Hall 2

**“Integrated Strategies for Weight Management”**

**Chair:** Arne Astrup, Copenhagen, Denmark

17:30–17:35 Introduction and welcome, Arne Astrup, Denmark

17:35–18:00 What’s in a name? Obesity - risk factor, disorder or disease, Nick Finer, UK

18:00–18:25 Assessing the impact of obesity on quality of life, Ronette Kolotkin, USA

18:25–18:50 Tailored interventions for weight control: what can we learn from the evidence?  
Arne Astrup, Denmark

18:50–19:00 Group questions and closing remarks

This CME and SCOPE accredited symposium is supported by an unrestricted educational grant from NovoNordisk A/S.



### Wednesday 19th March

### Nature Publishing Group

**Time:** 07:45-09:00hrs

**Location:** Conference Hall 1

**“How to get your paper published”**

How to pick an appropriate outlet for publication

How to draft and finalise a manuscript for publication

Ethical considerations

How the peer review process works

Key features sought by the Editor and how to interpret their response

There will be ample time for attendees to ask the Editors questions at the end of the session.



### Thursday 20th March

### World Obesity - Policy & Prevention (formerly the International Obesity TaskForce, IOTF)

**Time:** 07:45-09:00hrs

**Location:** Conference Hall 2

**“Global developments on obesity prevention”**

**Chair:** Professor Philip James

1. Looking back on IOTF and welcome to World Obesity-Policy & Prevention – Philip James

2. World Obesity - Policy & Prevention – Organizational role and governance - Boyd Swinburn

3. Updates on activities:

- The World Innovation Summit on Health; Doha, December 2013 – Shiriki Kumanyika

- INFORMAS – Boyd Swinburn

- Bellagio Declaration – Boyd Swinburn

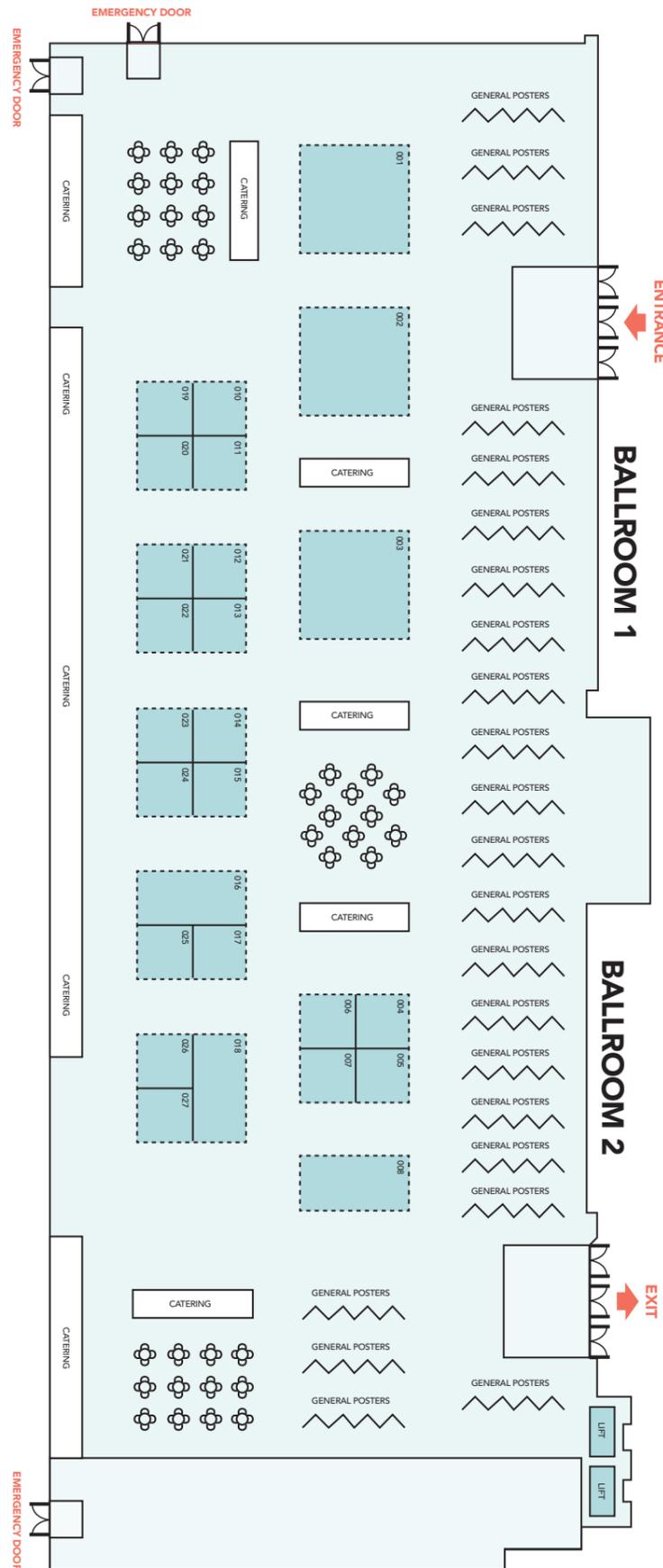
- Policy and advocacy action by World Obesity’s London office – Tim Lobstein

4. The new strategic plan for World Obesity - Policy & Prevention: discussion on priorities for 2014-2016

– Boyd Swinburn and Shiriki Kumanyika



# EXHIBITION FLOOR PLAN



# LIST OF EXHIBITORS/STAND NUMBERS

LIST OF EXHIBITORS	STAND
BENEO-Institute	005
Bioscientifica	012
Biospace CO., LTD.	008
Bodystat Ltd.	011
Cambridge Weight Plan Ltd	016
Certmedica International GmbH	006
Cohen's Lifestyle Centre	027
COSMED	010
Hydration For Health Initiative	003
EASO/ECO2014	020
EchoMRI Pte Ltd	017
The International Conference on Diet and Activity Methods (ICDAM) 9	019
InQpharm Group Sdn Bhd	001
LighterLife Fast	015
Lionstar Technologies Pte.	021
Malaysian Association For The Study Of Obesity (MASO)	024
Mercodia	014
Kuala Lumpur City Tourism	023
PLT Scientific Sdn Bhd	022
SECA	018
Taiyo Nippon Sanso Corporation	007
Tanita Corporation	013
TSE Systems GmbH	004
World Cancer Research Fund International (WCRF International)	025
Wiley	026
World Obesity Federation	002

# EXHIBITOR AND SPONSOR PROFILES

## EXHIBITOR AND SPONSOR PROFILES

### STAND 005

#### BENEIO Institute

**Address:** Gottlieb-Daimler-Strasse  
12, 68165 Mannheim (Germany)

**Contact:**  
Sabrina Kunze  
contact@beneo.com

The **BENEIO-Institute** is an organisation which brings together BENEIO's expertise from Nutrition Science, Nutrition Communication and Regulatory Affairs teams. It acts as an advisory body for customers and partners reaching from ingredient approval, physiological effects and nutritional composition to communication and labelling. BENEIO is a division of the Südzucker Group and has production units in Belgium, Chile, Germany and Italy.



### STAND 012

#### Bioscientifica

**Address:**  
Euro House, 22 Apex Court,  
Woodlands, Bradley Stoke, Bristol,  
BS324JT

**Contact:**  
Victoria Merriman  
Victoria.merriman@bioscientifica.com

**Bioscientifica** publishes leading titles on behalf of learned societies. Our journals have an excellent reputation for high-quality publications in the obesity field, including Journal of Endocrinology, Journal of Molecular Endocrinology, Endocrine-Related Cancer, European Journal of Endocrinology and Endocrine Connections, the interdisciplinary open access journal. Endocrinology, Diabetes & Metabolism Case Reports, recently launched, publishes and links together case reports in the field. Authors publishing in our journals will reach large international audiences and benefit from rapid publication.



Visit the stand for FREE access to the Themed Collection: Obesity, an exclusive offer for meeting attendees.

Profit for Good: Bioscientifica exists to support the advancement of medicine and the biological sciences.

### STAND 008

#### Biospace Co

**Address:**  
Biospace Bldg., 54, Nonhyeon-Ro  
2-Gil, Gangnam-Gu, Seoul  
135-960 Korea

**Contact:**  
Jeffrey Leong  
jeffrey@inbody.com

**Biospace** (est. 1996) developed the world-renowned InBody, the Body Composition Analyzer. It is widely used in many hospitals, gymnasiums and research facilities. Now, InBody has become the world market leader.



With the superior technology, InBody tracks the minute changes of one's body composition. In the course of obesity diagnosis and weight management, InBody is truly the preferred monitoring device. For researchers, InBody gives no bias results, thanks to its strict prohibition of empirical estimation in InBody measurement, making research findings meaningful.

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## EXHIBITOR AND SPONSOR PROFILES

### STAND 011

#### Bodystat

**Address:**

Bodystat Ltd, PO Box 50, Douglas, Isle of Man, British Isles, IM99 1DQ

**Contact:**

Louise Whitelegg  
info@bodystat.com

**BODYSTAT** are established as one of the global leaders in body composition analysis using Bioelectrical Impedance Analysis (BIA) technology.

BODYSTAT will present its BIA technology to determine a patient's nutritional status and their unique Wellness & Prediction Markers™.

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### STAND 016

#### Cambridge Weight Plan

**Address:** Stafford House, Brakey Road, Corby, NN17 5LU, UK

**Contact:**

Eileen Skinner  
admin@cambridgeweightplan.co.uk

**Cambridge Weight Plan (CWP)** manufactures and markets formula diet products for very low calorie (<800kcal/d) and low calorie diet programmes (up to 1500kcal/d). Available in around 30 countries, CWP is joined at ICO by Netturul Resources, Distributor in Malaysia.

CWP is involved in research programmes around the world, investigating the benefits of using formula diets on osteoarthritis, obstructive sleep apnoea and psoriasis. The company is collaborating with major UK and EU funding bodies to address global health challenges including diabetes and pre-diabetes.

Visit Stand 016 to find out more about CWP and collect the latest information on the research programmes.



### STAND 006

#### Certmedica

**Address:**

Magnolienweg 17, Aschaffenburg, Germany, 63741

**Contact:**

Ulrich Girke  
Ulrich.Girke@certmedica.de

**Certmedica** has core competences in developing and marketing high quality standard medical devices throughout Europe and the world.

We are a medium-sized company which develops and markets high-quality pharmaceutical products. As manufacturer of medical devices with a wide expertise, we are strongly set up on three locations close to Frankfurt/Main, Germany and count with a distribution network in more than 30 countries.

Corporate strengths such as high quality standards continuous innovation and the commitment of our employees constitute the basis for our leadership position in the dietetic segment especially in the German pharmacy trade.



### STAND 027

#### Cohen's Lifestyle Centre

**Address:** Suite 808, The Infinity, 26th Street, Bonifacio Global City, Taguig City, 1634, Taguig City, Philippines

**Contact:**

angel.b@cohenlifestyle.com.ph

LET FOOD BECOME YOUR MEDICINE.

The Cohen's Lifestyle Centre provides a scientifically designed, individualized eating plan to achieve rapid weight-loss and wellness through nutrition. Dr. Rami Cohen discovered that weight loss can be achieved through the delicate balance of three hormones – insulin, serotonin and human growth hormone. With centres located in Singapore, Manila and Kuala Lumpur, clients are provided an effective sustainable weight-loss solution through a complete lifestyle program. No pills, injections and machines needed. Since 2009, we have successfully helped a lot of people lose weight and transform to live a better life.



### STAND 010

#### Cosmed

**Address:**

Via dei Piani di Monte Savello, 37, Albano Laziale (Rome), 00041, Italy

**Contact:**

Marco Brugnoli  
info@cosmed.com  
www.cosmed.com

Founded in 1980, **COSMED** provides the best and most comprehensive Cardio Pulmonary, Metabolic and Body Composition solutions in the market:

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-Fitmate GS: desktop system for accurate measurements of resting energy expenditure through a canopy hood. Affordable, portable, easy to use, with built-in printer.

-BOD POD: the Gold Standard for fast, accurate and safe body composition analysis of adults and children.

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### STAND 003

#### H4H Initiative

**Address:** R&D Waters - Hydration & Health Department, Centre Daniel Carasso - R.D 128 - 91767 - Palaiseau Cedex - France

**Contact:**

David Roos  
secretariat@h4hinitiative.com  
www.h4hinitiative.com

The mission of the H4H Initiative is to raise awareness regarding healthy hydration, to promote healthy hydration practices, and to provide evidence for the contribution of these practices in the avoidance, and/or management of health problems.

The H4H Initiative is sponsored by Danone Waters.



## EXHIBITOR AND SPONSOR PROFILES

### STAND 020

#### EASO

**Address:**

2 Sheen Road, Richmond,  
TW9 1AE, UK

**Contact:**

Euan Woodward  
enquiries@easo.org

Established in 1986, EASO is the leading European scientific and practice-based professional membership association in its field, with networks in over 30 countries. It is in formal relations with the WHO Regional Office for Europe and is an active member of EU Commission initiatives including the EU Platform on Diet, Physical Activity and Health and the Joint Programming Initiative on Healthy Diet Healthy Lives. EASO facilitates and engages in actions that prevent and combat the epidemic of obesity. It contributes to high level European and National scientific consultations, hosts the annual European Congress on Obesity (ECO), has dynamic and active topic specific Task Forces and Working Groups, and coordinates obesity education across Europe. Visit [www.easo.org](http://www.easo.org) for further information.



### STAND 017

#### EchoMRI

**Address:**

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Singapore 079120

**Contact:**

Peter Fu  
peter.fu@echomri.com.sg

EchoMRI Pte Ltd is committed to providing the best products for body composition analysis in live subjects, including total body fat, lean muscle tissue, free water, and total body water. With the high precision and accuracy of the measurements carried out by our specialized NMR-MRI technology, we provide solutions for pharmaceutical research conducted in animals ranging in size from fruit flies to mice and rats and all the way to humans during preclinical and clinical research, as well as Phase IV studies. Website: [www.EchoMRI.com](http://www.EchoMRI.com).



### STAND 019

#### ICDAM9

**Address:**

The International Conference on Diet and Activity Methods (ICDAM) 9,  
PO Box 3599, Brisbane, Australia,  
Queensland 4101

**Contact:**

Terri Growcott  
info@icdam9australia.com

We warmly welcome you to participate in ICDAM9 to be held in Brisbane, Australia from 1-3 September 2015. ICDAM meetings are premier events for the dissemination and discussion of new findings in the rapidly expanding field of nutrition and physical activity measurement and is an important forum for the interchange of ideas between scientists, clinicians and equipment manufacturers.

The 2015 meeting in Brisbane will showcase the cutting-edge in diet and activity methods and feature many of the world's leading researchers and clinicians. Plenary sessions; a range of oral presentation formats to maximise the exposure of early career researchers through to presentations by experienced researchers, poster sessions plus interactive workshops with industry leaders, will provide a platform for the vibrant and fruitful exchange of new findings, ideas and emerging techniques. We look forward to your participation in beautiful Brisbane! For more information please visit [www.icdam9australia.com](http://www.icdam9australia.com)



### STAND 001

#### InQpharm

**Address:**

E-16 Plaza Mont Kiara, 2 Jalan Kiara,  
Kuala Lumpur, 50480, Malaysia

**Contact:**

Amanda Tan  
Amanda@inqpharm.com

InQpharm Group, is an innovation driven organisation that engages in the discovery, research and development, validation and commercialisation of unique natural compounds with therapeutic properties.

You can find us in the following segments:

- weight management
- gastro intestinal health
- health activation
- allergy protection
- oral care

We currently offer the best selling weight management product and product range in Europe (XLS Medical / BMIsmart). We are continuously working on first-in-class compounds representing real advancements in scientific and medical thinking.

InQpharm headquarters is based in Kuala Lumpur. We welcome you to our country and to our booth.



### STAND 015

#### Lighter Life

**Address:**

11 New Street, St Peter Port,  
Guernsey, GY1 2PF

**Contact:**

Rob Rona  
wecare@lighterlifefast.com

LighterLife Fast is an intermittent fasting plan where people 'fast' for two days a week using LighterLife FastpacksTM. It encourages lower calorie consumption on a weekly basis, facilitating simple and sustainable weight management as well as providing other cardiometabolic benefits. LighterLife FastpacksTM are specially formulated, nutritious food options, with four FastpacksTM providing good quality protein, fibre, and 100% RDAs of vitamins and minerals for only 600 kcal on each fast day. They are available in Superdrug, part of the A.S. Watson Group, with over 900 health & beauty stores in the UK. [www.lighterlifefast.com](http://www.lighterlifefast.com)



### STAND 021

#### Lionstar Technologies

**Address:**

For Correspondance Suite 10,  
9 Settlers Avenue, 6171, Baldivis,  
Australia

**Contact:**

John Wright  
John.wright@lionstartechnologies.com

Lionstar Technologies (LIONSTAR) is an integrated medical technology and health informatics company, with particular expertise in developing long-term metabolic health solutions, specifically for clinical weight loss.

Our lead Technology ECAL, is a portable, affordable indirect calorimeter designed to provide primary practitioners, with key resting metabolic data and fuel utilisation. It will launch in 2014.

Now, following 2 years of R&D, LIONSTAR has developed a weight management system called METS, which comprises novel technology, proprietary know-how and evidence-led clinical services, for long-term weight management. METS is well-positioned to have a significant global impact on current levels of obesity.



## EXHIBITOR AND SPONSOR PROFILES

### STAND 024

## Malaysian Association For The Study Of Obesity (MASO)

#### Address:

Nutrition Programme, School Of Healthcare Sciences, Faculty Of Health Sciences, Universiti Kebangsaan Malaysia, 50300, Kuala Lumpur, Malaysia

#### Contact:

Norimah Karim  
norimah\_karim@yahoo.com

MASO was established 17 July 1994 and its members mainly comprise of Nutritionists, Dieticians, Clinical Psychologists, Endocrinologists, Medical doctors and other related health professionals.

MASO strive to enhance the understanding of obesity including causes, manifestations, prevention and management. MASO organises Scientific Conferences once every 2 years, International Conferences such as the 2nd Asia-Oceania Conference on Obesity (AOCO) in 2003 and Asia Pacific Obesity Conclave (APOC) in 2007. We also run weight management camps for the general public and selected institutions.

MASO is also represented in several MOH health promotion activities and collaborated with other professional bodies namely Nutrition Society of Malaysia and Malaysian Dietitians Association to organise Nutrition Month Malaysia since 2002 and various other scientific events. As a professional body, MASO is affiliated with the International Association for the Study of Obesity (IASO) since 1998, a Founding Member of the Asia-Oceania Association for the Study of Obesity (AOASO) since 1998 and Confederation of Scientific and Technological Associations Malaysia (COSTAM) in 2000.

MASO greatest achievement thus far must be the success in our bid to jointly organise with IASO the International Congress on Obesity (ICO), to be held in KLCC Kuala Lumpur from 17-20 March 2014.



### STAND 014

## Mercodia

#### Address:

Mercodia AB Sylveniusgatan 8A, Uppsala, SE-754 50, Sweden

#### Contact:

Linda Gradin  
info@mercodia.com

Mercodia AB is a Swedish biotech company focusing on the development of immunoassays for research within the field of metabolic disorders. Our assays are applicable to both animal and human models and are used for research ranging from basic scientific studies to large pre-clinical and clinical phase trials.

The company was founded in 1991 and is today a world-leading supplier of products to all major international markets. More than ninety percent of our production is exported from our facilities in Uppsala to approximately 100 different countries around the world.



### STAND 022

## PLT Scientific

#### Address:

PLT Scientific Sdn Bhd, No. 7, Jalan BP 4/8, Bandar Bukit Puchong, 47120, Malaysia

#### Contact:

Jia Jiat Koon  
jjkoon@pltscientific.com

PLT Scientific Sdn Bhd is a leading supplier of science equipment in Malaysia offering products ranging from state-of-the-art analytical instruments to basic laboratory glassware.

Since its humble beginning as the pioneer in scientific glassblowing in Malaysia over 25 years ago, PLT Scientific has evolved into the leading manufacturer of Interchangeable Laboratory Glassware, Volumetric Glassware, Water Stills, and Hotplate & Magnetic Stirrer, employing precision glass-working machines and state-of-the-art technology.

We distribute accredited products from world-renowned manufacturers. Our principals granted us exclusive distribution rights to a diverse range of products cater to the various disciplines in the study of obesity.



### STAND 018

## SECA

#### Address:

Hammer Steindamm 9-25, Hamburg, 22083, Germany

#### Contact:

Philipp Lilburn  
philipp.lilburn@seca.com

Whenever accurate measurements of body weight, body height or complete body composition are required in diagnostics and therapy, doctors and nurses around the world rely on seca. And have done so for over 170 years. Today the German-based company is world market leader for medical measuring and weighing and exports its solutions to more than 110 countries. The product range of seca includes paediatric, column and floor scales with corresponding height measuring rods as well as chair, wheelchair and bed scales. The newest innovation is the seca mBCA: a medical Body Composition Analyzer for medical use!



### STAND 007

## Taiyo Nippon

#### Address:

Taiyo Nippon Sanso Corporation, Toyo Bldg. 1-3-26 Koyama, Shinagawa-ku, Tokyo, 142-8558, Japan

#### Contact:

Takashi Oono  
takashi.oono@tn-sanso.co.jp

The Doubly Labelled Water (DLW) method is widely used to measure total energy expenditure (TEE), total Body Water (TBW) of humans and animals. Taiyo Nippon Sanso Corporation, the leading oxygen manufacturer in Japan, developed a most efficient cryogenic process of oxygen isotope separation in 2003 and has constructed the largest Water-18O plants with annual capacity of over 300kg for 10 atom%. We provide high quality Water-18O, Deuterium Oxide and other stable isotope products at competitive price as well as analytical service for DLW researches.

We are looking forward to seeing you at our booth(#7).



## EXHIBITOR AND SPONSOR PROFILES

### STAND 013

#### Tanita

**Address:**

Unit 301-303, 3/F, Wing On Plaza,  
62 Mody Road, Tsimshatsui East,  
Kowloon, Hong Kong

**Contact:**

asia-pacific@tanita.co.jp

Founded in 1944, Tanita has been committed to the research and development of health monitoring equipment in the past 70 years, particularly body composition monitors/scales use for medical and clinical purposes.

Closely working with a global network of researchers and medical specialists, Tanita pioneers at the forefront of the industry with its excellent product quality and measurement accuracy. Approved by ISO 9001 certification, CE mark NAWI, JQA (Japanese Quality Association) and FDA clearance, our products are well trusted by physicians, clinicians and health & fitness experts worldwide.



### STAND 004

#### TSE Systems

**Address:**

TSE Systems GmbH, Siemensstr.21,  
Bad Homburg, 61352, Germany

**Contact:**

Info@TSE-Systems.com

TSE Systems has more than 125 years' experience in producing sophisticated life science research instrumentation for in-vivo and in-vitro research. Today we provide highly advanced customer solutions with modular, integrated hardware and software platforms for metabolism, behavioral, cardiovascular and inhalation studies.

- PhenoMaster
- Stellar Telemetry
- IntelliCage
- MotoRater
- Multi Conditioning
- Inhalation



### STAND 025

#### WCRF

**Address:**

WCRF International, Second Floor,  
22 Bedford Square, WC1B 3HH,  
London, UK

**Contact:**

Pat Chiu  
p.chiu@wcrf.org

World Cancer Research Fund International (WCRF International) leads and unifies a network of cancer charities dedicated to the prevention and control of cancer through diet, physical activity and body weight.



### STAND 026

#### Wiley

**Address:**

John Wiley & Sons (Asia) Pte Ltd,  
Frontier Koishikawa Bldg., 4F 1-28-1  
Koishikawa, Bunkyo-Ku, 112-0002,  
Tokyo, Japan

**Contact:**

Atsuko Inoue  
ainoue@wiley.com

Wiley is a global provider of content-enabled solutions to improve outcomes in research, education and professional practice with online tools, journals, books, databases, reference works and laboratory protocols. Wiley publishes the IASO journals (Obesity Reviews, Pediatric Obesity and Clinical Obesity); the TOS journal, Obesity; and many titles in diabetes, nutrition and dietetics.



### STAND 002

#### World Obesity

**Address:**

World Obesity Federation,  
Charles Darwin House,  
12 Roger Street,  
WC1N 2JU  
London

**Contact:**

Natasha Joyner  
enquiries@worldobesity.org

World Obesity Federation represents professional members of the scientific, medical and research communities from over 50 regional and national obesity associations. Through our membership we create a global community of organisations dedicated to solving the problems of obesity.

Our mission is to lead and drive global efforts to reduce, prevent and treat obesity. We collate, conduct and disseminate world-leading research into obesity, its impact, causes, treatment and prevention. We influence policy of academics, government and business at global, regional and national levels. We bring rigour, consistency and credibility to the field through educational programmes, practical training, publications, conferences and accreditation.

World Obesity offers an internationally recognised online obesity education programme for health professionals, providing evidence-based content developed by leading obesity experts.

Come and visit us on stand no 2 to find out more about our activities and values.



# SCIENTIFIC PROGRAMME / MONDAY 17TH MARCH

## MONDAY 17TH MARCH / SCIENTIFIC PROGRAMME OVERVIEW

07:30 - 09:30	<b>Registration</b> Room: Level 3 CC Registration Counter				
09:30 - 10:30	<b>Short Welcome followed by Willendorf Award Plenary</b> Chair(s): Paul Trayhurn (UK) Room: Plenary Hall  Diet In The Role Of Prevention And Management Of Obesity: From Caloric Restriction To Optimized Diet Composition. PL:01 A. Astrup University of Copenhagen, Denmark				
10:30 - 12:30	<b>Track 1: Session 1:</b>  Adipose tissue – inflammation, fibrosis and modelling  Room: Conference Hall 2	<b>Track 2: Session 8:</b>  Epigenetics  Room: Conference Hall 1	<b>Track 4: Session 20:</b>  Maternal State and Fetal Programming  Room: Plenary Hall	<b>Track 6: Session 27:</b>  The exposome  Room: Meeting Room 304 + 305	<b>Track 7: Session 30:</b>  Should we target specific ages?  Room: Conference Hall 3
12:30 - 14:30	<b>Lunch and Poster Session</b> Grand Ballroom				
14:30 - 16:15	<b>Track 1: Session 5:</b>  Peripheral signals in appetite appetite abd glucose homeostasis  Room: Conference Hall 1	<b>Track 2: Session 12:</b>  Perspectives on energy balance  Room: Conference Hall 2	<b>Track 3: Session 17:</b>  Defining disease with imaging  Room: Meeting Room 304 + 305	<b>Track 4: Session 22:</b>  Environments and biological impact  Room: Conference Hall 3	<b>Track 8: Session 38:</b>  The healthy environment  Room: Plenary Hall
16:30 - 17:30	<b>Opening Ceremony</b> Plenary Hall				
17:30 - 20:00	<b>Networking and Cultural Showcase in the Exhibition Area</b> Grand Ballroom (light dinner included)				

## MONDAY 17TH MARCH / SCIENTIFIC PROGRAMME

### 07:30 - 09:30

07:30 - 09:30	<b>Registration</b> Room: Level 3 CC Registration Counter
09:30 PL:01	<b>Short welcome followed by Plenary - Willendorf Award</b> Chair(s): Paul Trayhurn (UK) Room: Plenary Hall  Diet In The Role Of Prevention And Management Of Obesity: From Caloric Restriction To Optimized Diet Composition A. Astrup University of Copenhagen, Denmark

Plenary – Willendorf Award

### 10:30 - 12:30

T1:S1: Adipose tissue – inflammation, fibrosis and modelling

Room: Conference Hall 2

Chair(s): Barbara Cannon (SWE)

10:30 T1:S1.01	<b>Secretions From Adipocytes: Novel Adipokines</b> J. Eckel German Diabetes Center, Germany
11:00 T1:S1.02	<b>Adipose Tissue Inflammation: Macrophages And More</b> C. Lumeng University of Michigan Medical School
11:30 T1:S1.03	<b>Fibrosis In Adipose Tissue</b> K. Clément ICAN, INSERM, APHP, UPMC, France
12:00 T1:S1.04	<b>Inflammation In Obesity Represents A Protective Compensatory Response In The Regulation Of Energy Metabolism</b> J. Ye Pennington Biomedical Research Center, USA

T2:S8: Epigenetics

Room: Conference Hall 1

Chair(s): Jan Nedergaard (SWE)

10:30 T2:S8.01	<b>Methodological Considerations In Epigenetics: High Throughput Approaches</b> Speaker TBC
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11:00 T2:S8.02	<b>Transcriptional Networks Regulating Of Adipocyte Differentiation And Metabolism</b> S. Mandrup University of Southern Denmark, Denmark
11:30 T2:S8.03	<b>Epigenetic Programming Of Metabolic Disease - What Have We Learned From Animal Studies?</b> S. Ozanne University of Cambridge, United Kingdom
12:00 T2:S8.04	<b>Epigenetic Regulation In Skeletal Muscle; Impact Of Exercise, Diabetes And Obesity</b> A. Krook Karolinska Institutet, Sweden

T4:S20: Maternal State and Fetal Programming

Room: Plenary Hall

Chair(s): C. Keong(ML)

10:30 T4:S20.01	<b>Physical Activity - Individual Choice Or Environmental Consequence?</b> G.M. Fogelholm University of Helsinki, Finland
11:00 T4:S20.02	<b>Relationship Between Endocrine Disrupting Chemicals And Obesity Phenotypes</b> B. Lilienthal Heitmann Institute of Preventive Medicine, Bispebjerg and Frederiksberg Hospital, Denmark
11:30 T4:S20.03	<b>Stress And Obesity</b> A. Steptoe University College London, United Kingdom
12:00 T4:S20.04	<b>Viruses As A Causative Factor In Obesity</b> N. Dhurandhar Pennington Biomedical Research Center, USA

T6:S27: The exposome

Room: Meeting Room 304 + 305

Chair(s): K. Backholer (AUS)(ML)

10:30 T6:S27.01	<b>Obesogenic Environments: Monitoring And Accountability Systems</b> B. Swinburn University of Auckland and Deakin University, Australia
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11:00 T6:S27.02	<b>Social And Family Dimensions In Obesity -- Parental Feeding Styles And TV Viewing</b> K. Campbell Deakin University, Australia
11:30 T6:S27.03	<b>Changing Physical Activity Environments -- How Realistic And How Effective?</b> J. Sallis UCSD, USA
12:00 T6:S27.04	<b>Making Sense Of Obesity In Ethnically Diverse Cultures: The Malaysian Experience</b> S. AB National University of Malaysia

T7:S30: Should we target specific ages?

Room: Conference Hall 3

Chair(s): Tee E Siong (ML)

10:30 T7:S30.01	<b>Preventing And Treating Obesity In Children</b> T. Robinson Stanford University, USA
11:00 T7:S30.02	<b>Adolescents - The Forgotten Group</b> K. Steinbeck <sup>1</sup> AQcademic Department of Adolescent Medicine, Australia; <sup>2</sup> University of Sydney, Australia
11:30 T7:S30.03	<b>Is Intervening In Pregnancy Even Too Late?</b> E. Aagaard Nohr University of Southern Denmark, Denmark
12:00 T7:S30.04	<b>To Reduce Or Not To Reduce: That Is The Question For Older Folks</b> T. Harris National Institutes of Health, USA

### 12:30 - 14:30

12:30 - 14:30  
Lunch and Poster Session  
Room: Grand Ballroom

### 14:30 - 16:15

T1:S5: Peripheral signals in appetite

Room: Conference Hall 1

Chair(s): Nik Mazlan (ML)

14:30 T1:S5.01	<b>Metabolic Surgery: Endocrine Mechanisms Of Diabetes Remission After "Bariatric" Operations</b> D. Cummings University of Washington, USA
15:00 T1:S5.02	<b>Satiety Control By Peptides: Different Patterns Of Ghrelin, Insulin, CCK, GLP-1 And PYY But The Same Suppression Of Appetite</b> C. Gibbons <sup>1</sup> ; G. Finlayson <sup>2</sup> ; P. Caudwell <sup>1</sup> ; D.L. Webb <sup>3</sup> ; P. Hellstrom <sup>3</sup> ; E. Naslund <sup>4</sup> ; J.E. Blundell <sup>1</sup> <sup>1</sup> Institute of Psychological Sciences, United Kingdom; <sup>2</sup> University of Leeds, United Kingdom; <sup>3</sup> Uppsala University, Sweden; <sup>4</sup> Karolinska Institutet, Sweden
15:15 T1:S5.03	<b>Maternal Plasmatic Leptin Difference Levels During Gestational Is Associated In Women With Normal Pre-pregnancy BMI</b> V.T. Henriques; A.B. Franco-Sena; G.E. Melo; A.A.F. Vilela; G. Kac Rio de Janeiro Federal University, Brazil
15:30 T1:S5.04	<b>Evolution Of Central Leptin Sensitivity In Diet-induced Obese Minipig</b> M. Pigeyre <sup>1</sup> ; A. Chmielewski <sup>2</sup> ; L. Quintane <sup>2</sup> ; T. Hubert <sup>2</sup> ; M. Roman <sup>2</sup> ; V. Prévot <sup>2</sup> ; F. Pattou <sup>2</sup> <sup>1</sup> CHRU Lille, France; <sup>2</sup> CHRU Lille, France
15:45 T1:S5.05	<b>Hypothalamic Neurogenesis During The Development Of High-fat Diet Induced Obesity In The Mouse</b> Y.C. Xu <sup>1</sup> ; D.B. Yang <sup>1</sup> ; D.E.G. McNay <sup>2</sup> ; J.R. Speakman <sup>1</sup> <sup>1</sup> Institute of Genetics and Developmental Biology, Chinese Academy of Sciences, China; <sup>2</sup> Institute of Biological and Environmental Sciences, University of Aberdeen, United Kingdom

T2: S12: Perspectives on energy balance

Room: Conference Hall 2

Chair(s): Ismail Noor (ML)

14:30 T2:S12.01	<b>Perspectives On Energy Balance And Body Composition Regulation: Adipostats And Proteinstats Awaiting Discovery</b> A.G. Dulloo University of Fribourg, Switzerland
15:00 T2:S12.02	<b>Effect Of Brown Adipose Tissue Transplantation On Energy Balance During Lactation</b> L. Li; B.G. Li; J.R. Speakman Institute of Genetics and Developmental Biology, China

## MONDAY 17TH MARCH / SCIENTIFIC PROGRAMME

15:15 T2:S12.03	<b>Protein Leverage Effects Of Beef, Whey And Soy Protein On Energy Intake In Humans</b> <i>E.A.P. Martens<sup>1</sup>; S.Y. Tan<sup>2</sup>; M.V. Dunlop<sup>1</sup>; R.D. Mattes<sup>2</sup>; M.S. Westerterp-Plantenga<sup>1</sup></i> <sup>1</sup> Maastricht University, Netherlands; <sup>2</sup> Purdue University, USA
15:30 T2:S12.04	<b>Impact Of Glycemic Load On The Composition Of Weight Regain</b> <i>A. Bosy-Westphal<sup>1</sup>; J. Jaeger<sup>1</sup>; M. Lagerpusch<sup>1</sup>; J. Enderle<sup>2</sup>; B. Eggeling<sup>2</sup>; W. Braun<sup>2</sup>; M.J. Mueller<sup>2</sup></i> <sup>1</sup> Institut of Nutritional Medicine, University of Hohenheim, Stuttgart, Germany; <sup>2</sup> Institute of Human Nutrition and Food Science, Christian-Albrechts University, Kiel, Germany
15:45 T2:S12.05	<b>Metabolic Responses To Overfeeding Are Not Associated With Responses To Refeeding</b> <i>J. Jaeger<sup>1</sup>; M. Lagerpusch<sup>2</sup>; J. Enderle<sup>2</sup>; B. Eggeling<sup>2</sup>; W. Braun<sup>2</sup>; M.J. Mueller<sup>2</sup>; A. Bosy-Westphal<sup>1</sup></i> <sup>1</sup> Institut of Nutritional Medicine, University of Hohenheim, Stuttgart, Germany; <sup>2</sup> Institute of Human Nutrition and Food Science, Christian-Albrechts University, Kiel, Germany
16:00 T2:S12.06	<b>Intermittent Energy Restriction Improves Weight Loss Efficiency In Obese Men</b> <i>N. Byrne<sup>1</sup>; A. Sainsbury<sup>2</sup>; R.E. Wood<sup>3</sup>; N.A. King<sup>1</sup>; A.P. Hills<sup>4</sup></i> <sup>1</sup> Queensland University of Technology, Australia; <sup>2</sup> University of Sydney, Australia; <sup>3</sup> University of Adelaide, Australia; <sup>4</sup> Mater Research Institute – University of Queensland; Griffith Health Institute – Griffith University, Australia

### T3:S17: Defining disease with imaging

**Room:** Meeting Room 304 + 305

**Chair(s):** Ian Caterson (AUS)

14:30 T3:S17.01	<b>Defining Disease With Imaging</b> <i>P. Hockings</i> AstraZeneca, Sweden
15:00 T3:S17.02	<b>Parenchima Innervation Of Human White Adipose Tissue Studied By Digital Deconvolution, For Optical Three-dimensional Reconstruction Of Fluorescent Images And Transmission Electron Microscopy</b> <i>G.M. Guarna Massimo; V.N. Volpi Nila; B.C. Brandi Cesare; C.C. Corallo Claudio; B.G. Belmonte Giuseppe; G.G. Grasso Giovanni</i> Department of Medicine, Surgery and Neuroscience- University of Siena, Italy

15:15 T3:S17.03	<b>A Novel Simple Method For Detecting Human Brown Adipose Tissue Using Near-infrared Time-resolved Spectroscopy</b> <i>S. Nirengi<sup>1</sup>; T. Yoneshiro<sup>2</sup>; T. Saiki<sup>1</sup>; S. Aita<sup>3</sup>; M. Matsushita<sup>4</sup>; H. Sugie<sup>5</sup>; M. Saito<sup>4</sup>; T. Hamaoka<sup>1</sup></i> <sup>1</sup> Graduate School of Sport and Health Science, Ritsumeikan University, Japan; <sup>2</sup> Hokkaido University, Japan; <sup>3</sup> Hakodate Junior College, Japan; <sup>4</sup> Tenshi College, Japan; <sup>5</sup> LSI Sapporo Clinic, Japan
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### T4:S22: Maternal state and fetal programming

**Room:** Conference Hall 3

**Chair(s):** Hamid Jan (ML)

14:30 T4:S22.01	<b>Intrauterine Programming Of Adiposity And Diabetes</b> <i>C. Yajnik</i> KEM Hospital, India
15:00 T4:S22.02	<b>Maternal Body Mass Index And The Risk Of Fetal Death, Stillbirth And Infant Mortality -- A Systematic Review And Meta-analysis Of Cohort Studies</b> <i>D. Aune<sup>1</sup>; O.D. Saugstad<sup>2</sup>; T. Henriksen<sup>3</sup>; S. Tonstad<sup>4</sup></i> <sup>1</sup> Imperial College London & Oslo University Hospital, United Kingdom; <sup>2</sup> Department of Pediatric Research, Rikshospitalet, Oslo University Hospital, Oslo, Norway; <sup>3</sup> Section for Obstetrics, Women and Children's Division, Rikshospitalet, Oslo University Hospital, Osl, Norway; <sup>4</sup> Department of Preventive Cardiology, Oslo University Hospital Ullevål, Oslo, Norway, Norway
15:15 T4:S22.03	<b>Associations Of Prenatal Exposure To Ramadan With Smaller Body Size And Greater Cardiovascular Fitness In Male Adolescents In The United Arab Emirates</b> <i>T. Loney<sup>1</sup>; N.J. Nagelkerke<sup>2</sup>; R.M. Bernsen<sup>2</sup>; K.L. Cummings<sup>2</sup>; J.M. Carter<sup>3</sup>; A. Al Junaibi<sup>4</sup></i> <sup>1</sup> Institute of Public Health, United Arab Emirates; <sup>2</sup> Institute of Public Health, College of Medicine and Health Sciences, United Arab Emirates University, United Arab Emirates; <sup>3</sup> Schol of Sport, Exercise and Health Sciences, Loughborough University, Leicestershire, United Kingdom; <sup>4</sup> Department of Pediatrics, Zayed Military Hospital, Abu Dhabi, United Arab Emirates
15:30 T4:S22.04	<b>Preeclampsia Prevention By Normalizing Prepregnancy Weight Among Overweight/obese Women: Findings From A National Pre-birth Cohort</b> <i>X. Wen<sup>1</sup>; K.L. Kong<sup>1</sup>; C. Xie<sup>2</sup></i> <sup>1</sup> State University of New York at Buffalo, USA; <sup>2</sup> Sun Yat-sen University, China

15:45 T4:S22.05	<b>Increases In Body Fat During Pregnancy Occurs Despite No Significant Changes In Caloric Intake And Increases In Total Energy Expenditure</b> <i>M.V. Abeyskera<sup>1</sup>; J.A. Morris<sup>1</sup>; G. Davis<sup>2</sup>; A.J. O'Sullivan<sup>1</sup></i> <sup>1</sup> UNSW Medicine, Australia; <sup>2</sup> St George Hospital, Australia
16:00 T4:S22.06	<b>F2 Male Offspring From Obese Grand-fathers Develop Lipid Metabolism Defects In Response To High Fat Diet</b> <i>V. Lecomte; C.A. Maloney; N.A. Youngson; M.J. Morris</i> University of New South Wales, School of medical sciences, Australia

### T8:S38: The healthy environment

**Room:** Plenary Hall

**Chair(s):** Rokiah Don (ML)

14:30 T8:S38.01	<b>The Healthy Environment</b> <i>T.L.S. Visscher</i> Windesheim University of Applied Sciences Zwolle / VU University Amsterdam, Netherlands
15:00 T8:S38.02	<b>National Guidelines For Healthy Nutrition In Mexican Schools: An Independent Preliminary Evaluation</b> <i>S. Barquera<sup>1</sup>; M.L. Tolentino<sup>1</sup>; M. Safdie<sup>2</sup>; L. Lévesque<sup>2</sup></i> National Institute Of Public Health - Insp, Mexico; <sup>2</sup> School Of Kinesiology And Health Studies, Queen's University, Kingston, On., Canada
15:15 T8:S38.03	<b>A Virtual Baltimore, MD Population And Food Environment Laboratory To Approach Childhood Obesity Control</b> <i>B.Y. Lee<sup>1</sup>; T. Igusa<sup>2</sup>; A. Adam<sup>1</sup>; Y. Mui<sup>1</sup>; E. Anderson-Steeves<sup>1</sup>; N. Robinson<sup>1</sup>; W. Wheaton<sup>3</sup>; J. Rineer<sup>3</sup>; J. Gittelsohn<sup>1</sup></i> <sup>1</sup> Johns Hopkins School of Public Health, USA; <sup>2</sup> Johns Hopkins University, USA; <sup>3</sup> RTI International, USA
15:30 T8:S38.04	<b>An Effective Community Based Program To Reduce Significantly Childhood Overweight Prevalence In Belgium</b> <i>J. Vinck<sup>1</sup>; J.M. Borys<sup>2</sup>; M. Roillet<sup>3</sup>; J. Beysens<sup>3</sup>; H. Ruault du Plessis<sup>2</sup>; N. Jacobs<sup>3</sup>; M. Dramaix<sup>4</sup>; C. De Laet<sup>5</sup>; J. Neve<sup>6</sup></i> <sup>1</sup> Hasselt University, Belgium; <sup>2</sup> EPODE International Coordination, Paris, France; <sup>3</sup> VIASANO Coordination, Brussels, Belgium; <sup>4</sup> School of Public Health, Université Libre de Bruxelles, Belgium; <sup>5</sup> Department of Metabolism and Nutrition, Hôpital Universitaire des Enfants Reine Fabiola, Brussels, Belgium; <sup>6</sup> Department of Therapeutic Chemistry, Université Libre de Bruxelles, Belgium

15:45 T8:S38.05	<b>An Agent-based Model Simulates Interventions In Small Food Sources To Improve The Urban Food Environment And Curb Childhood Obesity</b> <i>Y. Mui; J. Oke; T. Igusa; B. Lee; E. Anderson Steeves; J. Gittelsohn</i> Johns Hopkins Bloomberg School of Public Health, USA
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## 16:30 - 17:30

### Opening Ceremony

16:30	Introduction by ICO President, Prof Ismail Noor
16:40	Welcome to Malaysia by Datuk Seri Dr S Subramaniam, Hon. Minister of Health Malaysia
16:55	Welcome the new World Obesity by President Philip James
17:05	One Goal Freestyle Football demonstration and walk through to the Welcome Reception in the Grand Ballroom
17:30 - 20:00	Networking and Cultural Showcase in the Exhibition Area <b>Room: Grand Ballroom</b>

# POSTER PRESENTATIONS

## TRACK 1 – FROM CELLS TO SYSTEMS BIOLOGY

### TRACK 1: SESSION 1: Adipose tissue – inflammation, fibrosis and remodelling

#### T1:S1.05

In Vivo Multi-photon Molecular Imaging Reveals Immune Cell Cross-talks And Activation Processes In Metabolic Diseases And Obesity  
Nishimura, S\*  
Jichi Medical University and Tokyo University, Japan

#### T1:S1.06

Identification Of Adipokine Clusters Related To Parameters Of Fat Mass, Insulin Sensitivity Or Inflammation  
Flehmg, G\*<sup>1</sup>; Klötting, N<sup>2</sup>; Fasshauer, M<sup>1</sup>; Tönjes, A<sup>1</sup>; Stumvoll, M<sup>1</sup>; Byung-Soo, Y<sup>3</sup>; Blüher, M<sup>1</sup>  
<sup>1</sup>Department of Medicine, University of Leipzig, Germany; <sup>2</sup>IFB ObesityDiseases, Junior Research Group Animal Models, University of Leipzig, Germany; <sup>3</sup>Immunomodulation Research Center, University of Ulsan, Korea, Republic of

#### T1:S1.07

Adipocyte Fatty Acid Binding Protein Potentiates Toxic Lipids-induced Endoplasmic Reticulum Stress Via Inhibition Of JAK2-Dependent Autophagy  
HOO, R\*  
The University of Hong Kong, Hong Kong

#### T1:S1.08

Dysfunctional Perivascular Adipose Tissue Impairs Endothelial Function Via Production Of Superoxide In Obese Mice  
Gu, P\*<sup>1</sup>; Hui, H<sup>1</sup>; Vanhoutte, P<sup>2</sup>; Lam, K<sup>1</sup>; Xu, A<sup>1</sup>  
The University of Hong Kong, Hong Kong

#### T1:S1.09

Metabolic And Anti-inflammatory Phenotypes Of Mice Lacking Adipose Tissue Angiotensinogen  
LeMieux, M\*<sup>1</sup>; Mynatt, R<sup>2</sup>; Kalupahana, N<sup>3</sup>; Quignard-Boulange, A<sup>4</sup>; Moustaid-Moussa, N<sup>1</sup>  
<sup>1</sup>Texas Tech University, USA; <sup>2</sup>Pennington Biomedical Research Center, USA; <sup>3</sup>University of Peradeniya, Sri Lanka; <sup>4</sup>INRA-AgroParisTech, France

#### T1:S1.10

Novel Form Of Salivary Adiponectin As A Noninvasive Biomarker  
Lin, H\*<sup>1</sup>; Maeda, K<sup>1</sup>; Fukuhara, A<sup>2</sup>; Shimomura, I<sup>2</sup>; Itou, T<sup>1</sup>  
<sup>1</sup>Department of Complementary and Alternative Medicine, Graduate School of medicine, Osaka University, JAPAN, Japan; <sup>2</sup>Department of Metabolic Medicine, Graduate School of Medicine, Osaka University, Japan, Japan

#### T1:S1.11

4-1BB/4-1BBL-mediated Inflammatory Signals Induce Metabolic Reprogramming In Adipocytes/Macrophages  
Tu, T\*<sup>1</sup>; Kawada, T<sup>2</sup>; Yu, R<sup>1</sup>  
<sup>1</sup>Department of Food Science and Nutrition, University of Ulsan, Ulsan 680-749, Korea, Republic of; <sup>2</sup>Graduate School of Agriculture, Kyoto University, Uji, Kyoto, Japan

#### T1:S1.12

Modulation Of Obesity Induced Inflammation By Nutrients And Their Bioactive Compounds.  
Khan, J\*<sup>1</sup>; Islam, M<sup>1</sup>  
Universiti Teknologi MARA (UiTM), Malaysia

#### T1:S1.13

Ketogenic Nutrition With Amin 21k And Nutritional Rehabilitation Therapy In Obesity.  
Vranceanu, M\*  
Obbr, Romania

#### T1:S1.14

Relationship Of Adipocyte Size With Adiposity And Cardiovascular Risk Factors In Asian Indians  
Vikram, N\*<sup>1</sup>; Meena, V<sup>1</sup>; Sharma, M<sup>2</sup>; Ranjan, S<sup>2</sup>; Seenu, V<sup>3</sup>; Bhalla, A<sup>4</sup>; Gupta, N<sup>5</sup>; Pandey, R<sup>6</sup>; Mohan, A<sup>7</sup>; Guleria, R<sup>2</sup>; Luthra, K<sup>8</sup>  
<sup>1</sup>Department of Medicine, All India Institute of Medical Sciences, India; <sup>2</sup>Department of Pathology, All India Institute of Medical Sciences, India; <sup>3</sup>Department of Surgery, All India Institute of Medical Sciences, India; <sup>4</sup>Department of Radiodiagnosis, All India Institute of Medical Sciences, India; <sup>5</sup>Department of Endocrinology and Metabolism, All India Institute of Medical Sciences, India; <sup>6</sup>Department

of Biostatistics, All India Institute of Medical Sciences, India; <sup>7</sup>Department of Pulmonary Medicine and Sleep Disorders, All India Institute of Medical Sciences, India; <sup>8</sup>Department of Biochemistry, All India Institute of Medical Sciences, India

#### T1:S1.15

The Transcriptional Coregulator CITED2 Regulates Adipocyte Differentiation By Interacting With Retinoblastoma Protein  
Tsujimura-Hayakawa, T<sup>1</sup>; Sakai, M<sup>1</sup>; Yamaji, D<sup>1</sup>; Yagi, T<sup>1</sup>; Kasuga, M<sup>2</sup>; Matsumoto, M\*<sup>1</sup>  
<sup>1</sup>Research Institute, National Center for Global Health and Medicine, Japan; <sup>2</sup>National Center for Global Health and Medicine, Japan

#### T1:S1.16

Angiopietin-like Protein 4 (ANGPTL4) Concentration Is Positively Correlated With Weight, Lipid Oxidation And Fasting Triglycerides In Overweight And Obese Participants  
Blaedel, T\*<sup>1</sup>; Lorenzen, J<sup>1</sup>; Brahe, L<sup>1</sup>; Kersten, S<sup>2</sup>; Astrup, A<sup>1</sup>; Larsen, L<sup>1</sup>

<sup>1</sup>Department for Nutrition, Exercise and Sports, University of Copenhagen, Denmark; <sup>2</sup>Nutrition, Metabolism and Genomics group, Division of Human Nutrition, Wageningen University, Netherlands

#### T1:S1.17

Fat Cell Volume And Insulin Sensitivity After Weight Loss  
Andersson, D\*<sup>1</sup>; Hogling, D<sup>1</sup>; Thorell, A<sup>1</sup>; Toft, E<sup>1</sup>; Qvisth, V<sup>1</sup>; Näslund, E<sup>1</sup>; Thörne, A<sup>1</sup>; Wirén, M<sup>1</sup>; Löfgren, P<sup>1</sup>; Hoffstedt, J<sup>1</sup>; Dahlman, I<sup>1</sup>; Mejhert, N<sup>1</sup>; Rydén, M<sup>1</sup>; Arner, E<sup>1</sup>; Arner, P<sup>1</sup>  
Karolinska Institutet, Sweden

#### T1:S1.18

Association Of Insulin Resistance With mRNA Expression Of Inflammation-related Cytokines In Subcutaneous Abdominal And Visceral Fat  
STICH, V\*<sup>1</sup>; Rossmeislova, L<sup>2</sup>; Klimcakova, E<sup>2</sup>; Roussel, B<sup>3</sup>; Valle, C<sup>3</sup>; Langin, D<sup>3</sup>  
<sup>1</sup>Third Faculty of Medicine, Charles UUniversity, Czech Republic; <sup>2</sup>Third Faculty of Medicine, Charles University, Czech Republic; <sup>3</sup>INSERM UMR1048, Obesity Research Laboratory, Toulouse, France

#### T1:S1.19

Effects Of Leptin On DNA Damage In Epididymal Sperm And Apoptosis In The Testis Of Sprague-Dawley Rats.  
Almabhouh, F\*<sup>1</sup>; Osman, K<sup>2</sup>; Siti Fatimah, I<sup>2</sup>; Singh, H<sup>1</sup>  
<sup>1</sup>UiTM, Malaysia; <sup>2</sup>UKM, Malaysia

#### T1:S1.20

Dietary Quercetin Protects Against Obesity-induced Adipose Inflammation And Metabolic Dysregulation  
Kim, C\*<sup>1</sup>; Yu, R<sup>1</sup>  
Department of Food Science and Nutrition, University of Ulsan, Korea, Republic of

#### T1:S1.21

Human Adenovirus36 As Obesity Agent Induces Inflammation Through Inflammasome Activation  
Ahn, S\*<sup>1</sup>; Park, S<sup>1</sup>; Lee, S<sup>1</sup>; Nam, J<sup>1</sup>  
The Catholic University of Korea, Korea, Republic of

#### T1:S1.22

Soluble CD163 Is Not Associated With CD163 mRNA Expression In Subcutaneous Adipose Tissue During Hypocaloric Weight-reducing Diet.  
Stich, V\*<sup>1</sup>; Kracmerova, J<sup>1</sup>; Rossmeislova, L<sup>1</sup>; Malisova, L<sup>1</sup>; Czudkova, E<sup>1</sup>; Siklova, M<sup>1</sup>  
Third Faculty of Medicine, Charles University, Prague, Czech Republic

#### T1:S1.23

Adipocyte Selective Thyroid Stimulating Hormone Receptor (TSHr) Knockout Mice Increased Susceptibility To Obesity  
Lundbäck, V\*<sup>1</sup>; Elgadi, A<sup>1</sup>; Cao, Y<sup>1</sup>; Ekbo, K<sup>1</sup>; Marcus, C<sup>1</sup>  
Department of clinical science, intervention and technology, division of pediatrics, Karolinska Institutet, Sweden

#### T1:S1.24

Positive Effect Of Growth Hormone On Adipose Tissue Metabolic Phenotype Is Mediated By Zinc-2-glycoprotein  
Balaz, M\*<sup>1</sup>; Ukropcova, B<sup>1</sup>; Kurdiova, T<sup>1</sup>; Vlcek, M<sup>1</sup>; Janakova, Z<sup>1</sup>; Straub, L<sup>2</sup>; Maderova, D<sup>1</sup>; Pura, M<sup>3</sup>; Vanuga, P<sup>3</sup>; Payer, J<sup>4</sup>; Imrich, R<sup>1</sup>; Klimes, I<sup>1</sup>; Gasperikova, D<sup>1</sup>; Wolfrum, C<sup>2</sup>; Ukropec, J<sup>1</sup>

<sup>1</sup>Institute of Experimental Endocrinology, SAS, Slovakia; <sup>2</sup>Institute of Food, Nutrition & Health, ETH Zurich, Switzerland; <sup>3</sup>National Institute of Endocrinology and Diabetology, Lubochna, Slovakia; <sup>4</sup>5th Department of Internal Medicine, University Hospital, Medical Faculty of Comenius University, Slovakia

#### T1:S1.25

Modification Of Leptin And T-Lymphocyte Activation By Caloric Restriction  
Travers, R\*<sup>1</sup>; Motta, A<sup>2</sup>; Betts, J<sup>1</sup>; Thompson, D<sup>1</sup>  
<sup>1</sup>University of Bath, United Kingdom; <sup>2</sup>Unilever Food and Health Research Institute, Netherlands

#### T1:S1.26

Influences Of Leptin Levels In The Association Between Childhood Overweight And Circulating Leukocytes  
Reyes, M\*<sup>1</sup>; Corvalan, C<sup>1</sup>; Lopez de Romaña, D<sup>1</sup>; Uauy, R<sup>1</sup>  
Institute of Nutrition and Food Technology (INTA), University of Chile, Chile

#### T1:S1.27

High Diet-induced Obesity Impairs Adrenal Gland Structure And Affects Cortisol Levels In Adipose Tissue And Liver In The Male Rabbit  
Soltani, Y\*<sup>1</sup>; Mokrani Zoulikha, M<sup>2</sup>; Gernigon Thérèse, G<sup>3</sup>; HadjBekkouché Fatima, H<sup>1</sup>  
<sup>1</sup>Laboratory of biology and physiology of organisms (LBPO), USTHB, faculty of biological sciences, BP32, BabEzzouar, 16111, Al, Algeria; <sup>2</sup>Laboratory of biology and physiology of organisms, Faculty of biological sciences, USTHB, BP32, Bab Ezzouar, 16111, Algiers, Algeria; <sup>3</sup>Laboratory of Research in Arid Zona (LRZA), Faculty of biological sciences, USTHB, BP32, El Alia, Bab Ezzouar, 16111, Algiers, Algeria

#### T1:S1.28

Hypertrophic Adiposity In Adult Growth Hormone Deficient Individuals: Benefits Of 5-years Growth Hormone Supplementation Therapy  
Ukropec, J\*<sup>1</sup>; Balaz, M<sup>1</sup>; Kurdiova, T<sup>1</sup>; Belan, V<sup>2</sup>; Vlcek, M<sup>1</sup>; Payer, J<sup>3</sup>; Klimes, I<sup>1</sup>; Gasperikova, D<sup>1</sup>; Ukropcova, B<sup>1</sup>  
<sup>1</sup>Institute of Experimental

Endocrinology Slovak Academy of Sciences, Slovakia; <sup>2</sup>Radiodiagnostic clinic, University Hospital Bratislava, Slovakia; <sup>3</sup>5th Clinic of Internal Medicine University Hospital Bratislava, Slovakia

#### T1:S1.29

A Novel Automated Image Analysis Method For Accurate Adipocyte Quantification  
Arch, J\*<sup>1</sup>; Osman, O<sup>1</sup>; Selway, J<sup>1</sup>; Kepczynska, M<sup>1</sup>; Stocker, C<sup>1</sup>; O'Dowd, J<sup>1</sup>; Cawthorne, M<sup>1</sup>; Jassim, S<sup>1</sup>; Langlands, K<sup>1</sup>  
University of Buckingham, United Kingdom

#### T1:S1.30

Induction Of Haem Oxygenase-1 (HO-1) Does Not Enhance Adiponectin Production In Healthy Or TNF $\alpha$ -treated Human Adipocytes: Evidence Against A Direct HO-1/adiponectin Axis  
Whitehead, J\*<sup>1</sup>; Yang, M<sup>1</sup>; Kimura, M<sup>1</sup>; Ng, C<sup>1</sup>; He, J<sup>1</sup>; Rose, F<sup>1</sup>  
Mater Research Institute - University of Queensland, Australia

#### T1:S1.31

Using RNA-Seq To Characterise Adipogenic Networks  
He, J\*<sup>1</sup>; Gillinder, K<sup>1</sup>; Magor, G<sup>1</sup>; Perkins, A<sup>1</sup>; Prins, J<sup>1</sup>; Whitehead, J<sup>1</sup>  
Mater Research Institute - University of Queensland, Australia

#### T1:S1.32

Effect Of Zinc Supplementation On Inflammatory Markers And Adipokines In Young Obese Women  
Kim, J\*<sup>1</sup>  
Kyung Hee University, Korea, Republic of

### TRACK 1: SESSION 2: Neuroscience – appetite control and nutrient sensing

#### T1:S2.05

Effect Of Conditioned Appetite Reduction, Systematic Generalization, And 50% Ratio Reinforcement Schedule On Decreasing Body Mass.  
Welgan, P\*  
Hoag Memorial Medical Center, USA

#### T1:S2.06

The Role Of Neuropeptide Y1

Receptor In The Regulation Of Insulin Secretion And Glucose Homeostasis.  
Loh, K\*<sup>1</sup>; Herzog, H<sup>1</sup>  
Garvan Institute of Medical Research, Australia

#### T1:S2.07

Selective Deletion Of Y1 Receptor In The Cocaine- And Amphetamine-regulated transcript (CART) Neurons Reduces Food Intake And Body Weight  
LAU, J\*<sup>1</sup>; Herzog, H<sup>1</sup>  
Garvan Institute of Medical Research, Australia

#### T1:S2.08

Germinated Brown Rice (GBR) 80% Methanol Crude Extract Induced Cholecystokinin (CCK) And Glucagon-Like Peptide 1 (Glp-1) Release From Stc-1 Enteroendocrine Cell Line  
Loh, S\*<sup>1</sup>; Kuan, W<sup>1</sup>  
Universiti Putra Malaysia, Malaysia

#### T1:S2.09

Important Role Of NPY Expressed In Catecholaminergic Neurons In The Regulation Of Energy Metabolism Under Stressful Condition  
Zhang, L\*<sup>1</sup>; Lee, I<sup>1</sup>; Vahatalo, L<sup>1</sup>; Enriquez, R<sup>1</sup>; Savontaus, E<sup>2</sup>; Herzog, H<sup>1</sup>  
<sup>1</sup>Garvan Institute of Medical Research, Australia; <sup>2</sup>University of Turku, Finland

#### T1:S2.10

Maternal Obesity And Exercise During Pregnancy Have Differential Effects On Hypothalamic And Liver mRNA Expression In Male And Female Offspring  
Bahari, H\*<sup>1</sup>; Raipuria, M<sup>2</sup>; Morris, M<sup>2</sup>  
<sup>1</sup>Universiti Putra Malaysia, Malaysia; <sup>2</sup>University of New South Wales, Australia

### TRACK 1: SESSION 4: Adipose tissue development and function

#### T1:S4.06

Enhanced 3-Adrenoreceptor And UCP1 Expression In A Subpopulation Of Brite Adipocytes Derived From Inguinal Subcutaneous And Epididymal White Adipose Tissue  
Merlin, J\*<sup>1</sup>; Sato, M<sup>1</sup>; Fahey, R<sup>1</sup>;

Bengtsson, T<sup>2</sup>; Summers, R<sup>1</sup>; Evans, B<sup>1</sup>; Hutchinson, D<sup>1</sup>  
<sup>1</sup>Monash Institute of Pharmaceutical Sciences, Monash University, Australia; <sup>2</sup>Department of Physiology, The Wenner-Gren Institute, Stockholm University, Sweden

#### T1:S4.07

INHIBITION OF PROXIMAL INSULIN RECEPTOR SIGNALLING IN 3T3-L1 ADIPOCYTES TREATED WITH HIV PROTEASE INHIBITORS ALTERS THE CELL METABOLISM  
Wan Ismail, W\*<sup>1</sup>; Van der Watt, G<sup>2</sup>; King, J<sup>2</sup>; Pillay, T<sup>3</sup>  
<sup>1</sup>Universiti Teknologi MARA, Malaysia; <sup>2</sup>University of Cape Town, South Africa; <sup>3</sup>University of Pretoria, South Africa

#### T1:S4.08

Evodiamine Inhibits Insulin-stimulated MTOR-S6K Activation Via AMPK Phosphorylation In Adipocytes And Prevents Obesity And Insulin Resistance In Mice  
Yamashita, H\*<sup>1</sup>; Yamashita, Y<sup>2</sup>; Takeuchi, T<sup>2</sup>; Qiao, S<sup>2</sup>; Kusudo, T<sup>2</sup>  
<sup>1</sup>College of Life and Health Sciences, Chubu University, Japan; <sup>2</sup>College of Life and Health Sciences Chubu University, Japan

#### T1:S4.09

Role Of The New Microtubule-associated Protein In The Development Of Obesity  
okitsu, r\*<sup>1</sup>; sakaue, h<sup>1</sup>; takahashi, t<sup>1</sup>; Bayasaglan, J<sup>1</sup>; hosaka, T<sup>2</sup>; kuroda, M<sup>1</sup>; harada, n<sup>1</sup>; nakaya, y<sup>1</sup>  
<sup>1</sup>the university of tokushima, Japan; <sup>2</sup>Saitama medical university, Japan

#### T1:S4.10

Tmem18 Is Involved In Adipose Tissue Development In Zebrafish  
Landgraf, K<sup>1</sup>; Tauscher, R<sup>1</sup>; Berthold, A<sup>1</sup>; Kiess, W<sup>1</sup>; Körner, A\*  
University of Leipzig, Germany

#### T1:S4.11

Recombinant Expression Of Human Protein Delta Homolog 1 (DLK1) In E. Coli  
Kilian, T\*<sup>1</sup>; Beck-Sickinger, A<sup>1</sup>  
Universitaet Leipzig, Germany

## TRACK 1 – FROM CELLS TO SYSTEMS BIOLOGY

### T1:S4.12

Hirsutenone Suppresses Adipogenic Differentiation By Targeting PI3K And ERK  
Cheong, L<sup>\*1</sup>; Suk, S<sup>1</sup>; Chung, M<sup>1</sup>; Yang, H<sup>1</sup>; Seo, S<sup>1</sup>; Thimmegowda, N<sup>2</sup>; Shwetha, B<sup>2</sup>; Kim, B<sup>2</sup>; Lee, K<sup>1</sup>  
<sup>1</sup>WCU Biomodulation Major, Department of Agricultural Biotechnology, Seoul National University, Korea, Republic of; <sup>2</sup>World Class Institute, Korea Research Institute of Bioscience and Biotechnology, Korea, Republic of

### TRACK 1: SESSION 5: Peripheral signals in appetite and glucose homeostasis: insights from bariatric/metabolic surgery

### T1:S5.07

Apelin-13 Effects On Peripheral Vagal Afferent Mechanosensitivity In Lean And High Fat Diet Induced Obese Mice.  
Kentish, S; O'Donnell, T; Wittert, G; Page, A<sup>\*</sup>  
University of Adelaide, Australia

### T1:S5.08

Effect Of Exercise On Postprandial Gut Peptides, Appetite Responses And Ad-libitum Energy Intake In Overweight Men  
Farah, N<sup>\*1</sup>; Gill, J<sup>2</sup>  
<sup>1</sup>Universiti Kebangsaan Malaysia, Malaysia; <sup>2</sup>University of Glasgow, United Kingdom

### T1:S5.09

Structured Aeration For Appetite Control: Dose-response Effects Of Food Foams On Satiety And Improved Satisfaction In A Reduced-energy Diet Context  
Peters, H<sup>\*</sup>; Koppenol, W; Schuring, E; Abrahamse, S; Mela, D  
Unilever R&D Vlaardingen, Netherlands

### T1:S5.10

Significant, Sustained Satiety Effects Of A Structured, Aerated Food Format With Almost No Energy  
Blom, W; Stoyanov, S; Koppenol, W; Schuring, E; Mela, D; Peters, H<sup>\*</sup>  
Unilever R&D Vlaardingen, Netherlands

### T1:S5.11

Do Ketones Really Suppress Appetite? A Systematic Review.  
Gibson, A<sup>\*</sup>; Seimon, R; Sainsbury, A; Caterson, I  
Boden Institute of Obesity Nutrition Exercise & Eating Disorders, University of Sydney, Australia

### T1:S5.12

Appetite And Gut Hormones In Obese Adolescents.  
Jensen, D<sup>\*1</sup>; Nguo, K<sup>2</sup>; Baxter, K<sup>3</sup>; Cardinal, J<sup>4</sup>; King, N<sup>5</sup>; Ware, R<sup>6</sup>; Truby, H<sup>2</sup>; Batch, J<sup>1</sup>  
<sup>1</sup>Queensland Children's Medical Research Institute, Australia; <sup>2</sup>Monash University, Australia; <sup>3</sup>Children's Nutrition Research Centre/University of Queensland, Australia; <sup>4</sup>Queensland Health Pathology Services, Australia; <sup>5</sup>Institute of Health and Biomedical Innovation/Queensland University of Technology, Australia; <sup>6</sup>School of Population Health, University of Queensland, Australia

### T1:S5.13

Secretion Of Glucagon-like Peptide 1 In Response To A Meal Among Binge Eating Healthy Participants  
Robert, S<sup>\*1</sup>; Rohana, A<sup>1</sup>; Suehazlyn, Z<sup>1</sup>; Shamsul, A<sup>1</sup>; Wan Nazaimoon, W<sup>2</sup>; Nor Azmi, K<sup>1</sup>  
<sup>1</sup>University Kebangsaan Malaysia Medical Centre, Malaysia; <sup>2</sup>Institute of Medical Research, Malaysia

### T1:S5.14

Food-picture Induced Ghrelin-secretion Is Not Depending On Macronutrient Composition  
Ellrott, T<sup>\*1</sup>; Rademacher, J<sup>1</sup>; Ranke, C<sup>1</sup>; Wagner, N<sup>1</sup>; Raddatz, D<sup>2</sup>; Austel, A<sup>1</sup>  
<sup>1</sup>Institute for Nutrition and Psychology at Goettingen University Medical School, Germany; <sup>2</sup>Department of Internal Medicine, Goettingen University Medical School, Germany

### T1:S5.15

The Search For A Novel Adipocytokine From Cerebral Fat Transplantation (continued)  
Noguchi, H<sup>\*</sup>  
Noguchi Thyroid Clinic and Hospital Foundation, Japan

## TRACK 2 – FROM GENES AND ENVIRONMENT TO PATHOPHYSIOLOGY

### TRACK 2: SESSION 8: Epigenetics

### T2:S8.05

Role Of DNA Methylation For Leptin Gene Promoter In 3T3-L1 Adipocytes  
Kuroda, M<sup>\*</sup>; Sakaue, H; Tominaga, A; Fukuta, A; Okitsu, R; Harada, N; Nakaya, Y  
Department of Nutrition and Metabolism, Institute of Health Biosciences/the University of Tokushima, Graduate School, Japan

### T2:S8.06

Insulin Signaling Pathway Alteration In Adipocytes Treated With Glucose And Tumor Necrosis Alpha Is Not Mediated By Dna Methylation Of Insulin Receptor  
Palacios-Ortega, S; Varela, M; De Miguel, C; Martinez, J; Milagro, F<sup>\*</sup>  
University of Navarra, Spain

TRACK 2: SESSION 9: The gut microbiome: what role in obesity?

### T2:S9.05

Relationship Between Dietary Patterns, Gut Microbiota And Inflammation In Overweight And Obese Subjects  
Kong, L<sup>\*1</sup>; Holmes, B<sup>2</sup>; Cotillard, A<sup>3</sup>; Gougis, S<sup>4</sup>; Cani, P<sup>5</sup>; Bastard, J<sup>6</sup>; Kennedy, S<sup>7</sup>; Doré, J<sup>2</sup>; Ehrlich, S<sup>7</sup>; Zucker, J<sup>3</sup>; Gaussère, N<sup>2</sup>; Rizkalla, S<sup>1</sup>; Clément, K<sup>1</sup>  
<sup>1</sup>APHP, Institute of Cardiometabolism and Nutrition; CRNH-Ile de France, Pitié-Salpêtrière; INSERM-U872, Nutriomique, Paris, France; <sup>2</sup>Danone Research, RD 128, 91767 Palaiseau, France; <sup>3</sup>INSERM-U872, Nutriomique, Université Pierre & Marie Curie-Paris 6; Centre de Recherche des Cordeliers, UMR S 872, Paris, France; <sup>4</sup>Assistance Publique-Hôpitaux de Paris, Pitié-Salpêtrière, France; <sup>5</sup>University of Louvain, Bruxelles, Belgium; <sup>6</sup>Service de Biochimie et Hormonologie, Hôpital Tenon, Paris, France; <sup>7</sup>Institut National de la Recherche Agronomique, UMR 1319 MICALIS, France

### T2:S9.06

Longitudinal Association Between Yogurt Consumption And The Risk Of Overweight/obesity: The SUN Project

Bes-Rastrollo, M<sup>\*</sup>; Sayon-Orea, C; Ruiz-Canela, M; Gea, A; De la Fuente, C; Martinez-Gonzalez, M  
University of Navarra, Spain

### T2:S9.07

Dietary Intervention Modulates The Gut Microbiota And Improves Insulin Resistance - A Randomized Controlled Trial In Obese Postmenopausal Women  
Brahe, L<sup>\*1</sup>; Le Chatelier, E<sup>2</sup>; Prifti, E<sup>2</sup>; Kennedy, S<sup>2</sup>; Blædel, T<sup>1</sup>; Håkansson, J<sup>3</sup>; Pedersen, O<sup>4</sup>; Astrup, A<sup>1</sup>; Ehrlich, S<sup>2</sup>; Larsen, L<sup>1</sup>  
<sup>1</sup>Department of Nutrition, Exercise and Sports, University of Copenhagen, Denmark; <sup>2</sup>INRA, Institut National de la Recherche Agronomique, US 1367 Metagenopolis, Jouy-en-Josas, France; <sup>3</sup>Arla Strategic Innovation Centre, Stockholm, Sweden; <sup>4</sup>Novo Nordisk Foundation Centre for Basic Metabolic Research, University of Copenhagen, Denmark

### T2:S9.08

Lipopolysaccharide Enhances Glucose-stimulated Insulin Secretion: involvement Of The GLP1/GLP1R Pathway  
GROBER, J<sup>\*1</sup>; Nguyen, A<sup>1</sup>; Mandard, S<sup>1</sup>; Dray, C<sup>2</sup>; Deckert, V<sup>1</sup>; Valet, P<sup>2</sup>; Besnard, P<sup>1</sup>; Drucker, D<sup>3</sup>; Lagrost, L<sup>1</sup>  
<sup>1</sup>INSERM U866, France; <sup>2</sup>INSERM U1048, France; <sup>3</sup>Samuel Lunenfeld Research Institute, Canada

### T2:S9.09

Metaproteome Analysis Of Rat Microbiota Reveals Mucus-specific Distribution And Enzymatic Functionalities In A High Fat Diet Induced Obesity Rat Model  
Oberbach, A<sup>\*1</sup>; von Bergen, M<sup>2</sup>; Schlichting, N<sup>3</sup>; Heinrich, M<sup>3</sup>; Lehmann, S<sup>3</sup>; Mohr, F<sup>4</sup>; Jehmlich, N<sup>5</sup>; Haange, S<sup>5</sup>  
<sup>1</sup>University of Leipzig, Department of cardiac surgery, Germany; <sup>2</sup>UFZ-Helmholtz Centre for Environmental Research, Department of Proteomics, Permoserstr. 15, 04318 Leipzig, Germany, Germany; <sup>3</sup>Leipzig University Medical Centre, Integrated Research and Treatment Center (IFB) Adiposity Diseases, Liebigstr. 20a, 04109, Leipzig, Germany; <sup>4</sup>Heart-centre Leipzig, Department of cardiac surgery, University of Leipzig, Struempelstr. 39, 04289 Leipzig, Germany, Germany; <sup>5</sup>UFZ-

Helmholtz Centre for Environmental Research, Department of Proteomics, Permoserstr. 15, 04318 Leipzig, Germany, Germany

### TRACK 2: SESSION 11: Nutrigenetics and nutrigenomics

### T2:S11.07

Inhibitory Activities Against Key Pathways In Obesity Of Kakadu Plum, A Traditional Australian Fruit Rich In Polyphenols  
Tan, A<sup>\*1</sup>; Konczak, I<sup>2</sup>; Sze, D<sup>1</sup>; Ramzan, I<sup>1</sup>  
<sup>1</sup>University of Sydney, Australia; <sup>2</sup>CSIRO Food & Nutritional Sciences, Australia

### T2:S11.08

Gene-diet Interaction Analyses Of Blood Lipid Profile Changes During 6 Months Ad Libitum Diet  
Jensen, H<sup>\*1</sup>; Ångquist, L<sup>2</sup>; Hager, J<sup>3</sup>; Charon, C<sup>4</sup>; Sørensen, T<sup>2</sup>; Saris, W<sup>5</sup>; Astrup, A<sup>1</sup>; Larsen, L<sup>1</sup>  
<sup>1</sup>Department of Nutrition, Exercise and Sports, University of Copenhagen, Denmark; <sup>2</sup>Institute of Preventive Medicine, Bispebjerg and Frederiksberg Hospitals – The Capital Region, Denmark; <sup>3</sup>Nestlé Institute of Health Sciences, Campus EPFL, Lausanne, Switzerland; <sup>4</sup>Department of Human Genetics, CEA-Genomics Institute/CNG, Évry, France; <sup>5</sup>NUTRIM, Maastricht University Medical centre, Netherlands

### T2:S11.09

Gene-diet Interactions In Weight Maintenance After Weight Loss  
Larsen, L<sup>\*1</sup>; Jensen, H<sup>1</sup>; Ångquist, L<sup>2</sup>; Hager, J<sup>3</sup>; Charon, C<sup>4</sup>; Sørensen, T<sup>2</sup>; Saris, W<sup>5</sup>; Astrup, A<sup>1</sup>  
<sup>1</sup>Department of Nutrition, Exercise and Sports, University of Copenhagen, Denmark; <sup>2</sup>Institute of Preventive Medicine, Bispebjerg and Frederiksberg Hospitals – The Capital Region, Denmark; <sup>3</sup>Nestlé Institute of Health Sciences, Campus EPFL, Lausanne, Switzerland; <sup>4</sup>Department of Human Genetics, CEA-Genomics Institute/CNG, Évry, France; <sup>5</sup>NUTRIM, Maastricht University Medical centre, Netherlands

### T2:S11.10

Nutrigenomics Analysis Identifies Distinct Tissue-specific Metabolic And Anti-inflammatory Effects Of Quercetin Plus Epigallocatechin-3-gallate Supplementation In High-fat Diet Fed Mice  
GHOSH, S<sup>\*1</sup>; Cialdella-Kam, L<sup>2</sup>; Meaney, M<sup>3</sup>; Knab, A<sup>3</sup>; Shanely, R<sup>3</sup>; Chai, X<sup>1</sup>; Nieman, D<sup>3</sup>  
<sup>1</sup>DUKE-NUS Graduate Medical School, Singapore; <sup>2</sup>Case Western Reserve University, USA; <sup>3</sup>Appalachian State University, USA

### TRACK 2: SESSION 12: Perspectives on Energy Balance

### T2:S12.07

Assessment Of Total Energy Expenditure And Self-reporting Accuracy Using Doubly-labelled Water In Severely Obese Pregnant Women In Scotland, UK: A Pilot Study  
Mohd Shukri, N<sup>\*1</sup>; Bolton, J<sup>2</sup>; Norman, J<sup>2</sup>; Walker, B<sup>2</sup>; Reynolds, R<sup>2</sup>  
<sup>1</sup>International Islamic University Malaysia (IIUM), Malaysia; <sup>2</sup>University of Edinburgh, United Kingdom

### T2:S12.08

Bringing Reality To The Accuracy Of Energy Requirements Estimated By Predictive Equations In A Super Obese Population.  
Villiers-Tuthill, A<sup>\*</sup>; Breen, C; Mehegan, J; Woods, C; O'Shea, D  
St.Columcille's Hospital, Ireland

### T2:S12.09

Natural Obesity In Brandt's Voles: Independent Effects Of Obesity And High-fat Diet On Glucose Tolerance  
Yang, D<sup>\*1</sup>; Liu, X<sup>1</sup>; Zhang, F<sup>2</sup>; Jorgensen, R<sup>2</sup>; Gronning, M<sup>2</sup>; Wang, D<sup>3</sup>; Speakman, J<sup>1</sup>  
<sup>1</sup>Institute of Genetics and Developmental Biology, Chinese Academy of Sciences, China; <sup>2</sup>Novo Nordisk A/S, Denmark; <sup>3</sup>Institute of Zoology, Chinese Academy of Sciences, China

### T2:S12.10

Separate Roles For Fat Free Mass And Fat Mass In The Regulation Of Energy Intake  
Caudwell, P; Gibbons, C; Maltby, D; Gilbert, F; Hollingworth, S;

## TRACK 2 – FROM GENES AND ENVIRONMENT TO PATHOPHYSIOLOGY

Blundell, J; Finlayson, G\*  
University of Leeds, United Kingdom

### T2:S12.11

New Type Resistant Starch Decrease Atherogenic Index In Human  
Kasaoka, S\*<sup>1</sup>; Yamada, A<sup>1</sup>; Machidera, M<sup>1</sup>; Nagahata, Y<sup>2</sup>; Kobayashi, I<sup>2</sup>; Goto, M<sup>2</sup>  
<sup>1</sup>Bunkyo University, Japan; <sup>2</sup>J-OIL MILLS Inc, Japan

### T2:S12.12

Prenatal Metformin Exposure In A Maternal High Fat Diet Model Protects The Metabolic Phenotype Of The Offspring In Mice  
Salomäki, H\*<sup>1</sup>; Vähätalo, L<sup>1</sup>; Heinäniemi, M<sup>2</sup>; Ailanen, L<sup>1</sup>; Ruohonen, S<sup>1</sup>; Pesonen, U<sup>1</sup>; Koulu, M<sup>1</sup>  
<sup>1</sup>Institute of Biomedicine, Department of Pharmacology, Drug Development and Therapeutics, University of Turku, Finland; <sup>2</sup>Institute of Biomedicine, School of Medicine, University of Eastern Finland, Finland

### T2:S12.13

Predicting Weight And Body Composition Changes During Energy Restriction In Obese Men  
Wood, R\*<sup>1</sup>; Sainsbury, A<sup>2</sup>; King, N<sup>3</sup>; Hills, A<sup>4</sup>; Byrne, N<sup>3</sup>  
<sup>1</sup>The University of Adelaide & Institute of Health & Biomedical Innovation, Queensland University of Technology, Australia; <sup>2</sup>The Boden Institute of Obesity, Nutrition, Exercise & Eating Disorders, The University of Sydney, Australia; <sup>3</sup>Institute of Health & Biomedical Innovation, Queensland University of Technology, Australia; <sup>4</sup>Mater Medical Research Institute, Mater Mother's Hospital & Griffith Health Institute, Griffith University, Australia

### T2:S12.14

Faster Gastric Emptying Is Associated With Higher Activity Energy Expenditure And Lower Fat Mass  
King, N\*<sup>1</sup>; Horner, K<sup>1</sup>; Byrne, N<sup>1</sup>; Clegg, G<sup>2</sup>  
<sup>1</sup>Queensland University of Technology, Australia; <sup>2</sup>University of Queensland, Australia

## TRACK 3 – FROM HEALTHY WEIGHT TO WEIGHT-RELATED PATHOLOGIES

**TRACK 3: SESSION 14:  
Children and Obesity – when does metabolic risk translate?**

### T3:S14.05

Prevalence Of Overweight Among Qatari School Children  
Alkhateib, M\*<sup>1</sup>; Elzoghbi, M<sup>2</sup>; Saleh, M<sup>3</sup>; Qotba, H<sup>4</sup>  
<sup>1</sup>Aspetar Hospital, Qatar; <sup>2</sup>Suez Canal University, Egypt; <sup>3</sup>Almunofia University, Egypt; <sup>4</sup>Supreme Council of Health, Qatar

### T3:S14.06

Trends In Body Mass Index Among China Children And Adolescents: 1997-2011  
Wang, H\*<sup>1</sup>; Wang, W<sup>2</sup>; Zhang, Z<sup>1</sup>  
<sup>1</sup>National institution for nutrition and food safety, China; <sup>2</sup>Johns Hopkins University on behalf of its Bloomberg School of Public Health, China

### T3:S14.07

High Fat Diet-induced Obesity Helps In Achieving Peak Bone Mass In Young Rats  
Malvi, P\*<sup>1</sup>; Piprode, V<sup>1</sup>; Chaube, B<sup>1</sup>; Pote, S<sup>1</sup>; Mittal, M<sup>2</sup>; Chattopadhyay, N<sup>2</sup>; Wani, M<sup>1</sup>; Bhat, M<sup>1</sup>  
<sup>1</sup>National Centre for Cell Science, Pune, India; <sup>2</sup>Central Drug Research Institute, Lucknow, India

### T3:S14.08

Prediabetes In Danish Overweight And Obese Children And Youths At Enrollment In A Multidisciplinary Chronic Care Treatment Programme.  
Kloppenborg, J\*<sup>1</sup>; Fonvig, C<sup>2</sup>; Bille, D<sup>2</sup>; Johannesen, J<sup>1</sup>; Pedersen, O<sup>3</sup>; Hansen, T<sup>3</sup>; Holm, J<sup>2</sup>  
<sup>1</sup>Department of Paediatrics, Copenhagen University Hospital, Herlev, Denmark; <sup>2</sup>The Children's Obesity Clinic, Department of Paediatrics, Copenhagen University Hospital, Holbaek, Denmark; <sup>3</sup>The Novo Nordisk Foundation Center for Basic Metabolic Research, University of Copenhagen, Denmark

### T3:S14.09

Effect Of A Multidisciplinary Childhood Obesity Intervention On Insulin Sensitivity And Magnetic Resonance Spectroscopy (MRS) Measured Muscle Fat.  
Fonvig, C\*<sup>1</sup>; Gerds, T<sup>2</sup>;

Chabanova, E<sup>3</sup>; Nielsen, T<sup>1</sup>; Hansen, T<sup>4</sup>; Pedersen, O<sup>2</sup>; Thomsen, H<sup>3</sup>; Holm, J<sup>1</sup>  
<sup>1</sup>The Children's Obesity Clinic, Dept. of Pediatrics, Copenhagen University Hospital Holbaek, Denmark; <sup>2</sup>University of Copenhagen, Dept. of Public Health, Section of Biostatistics, Denmark; <sup>3</sup>Dept. of Diagnostic Radiology, Copenhagen University Hospital Herlev, Denmark; <sup>4</sup>The Novo Nordisk Foundation Center for Basic Metabolic Research, Faculty of Health Sciences, University of Copenhagen, Denmark

### T3:S14.10

Normative Values Of Insulin Secretion From Oral Glucose Tolerance Test In Lean Children And Assessment Of Hyperinsulinemia Prevalence In Obese Children  
Körner, A\*<sup>1</sup>; Scheuermann, K; Neef, M; Kratzsch, J; Vogel, M; Kiess, W  
University of Leipzig, Germany

### T3:S14.11

Low Physical Activity Level And Short Sleep Duration Are Associated With An Increased Cardio-metabolic Risk: A Longitudinal Study In Danish Children  
Hjorth, M\*<sup>1</sup>; Chaput, J<sup>2</sup>; Damsgaard, C<sup>1</sup>; Dalskov, S<sup>1</sup>; Astrup, A<sup>1</sup>; Michaelsen, K<sup>1</sup>; Tetens, I<sup>3</sup>; Ritz, C<sup>1</sup>; Sjödin, A<sup>1</sup>  
<sup>1</sup>Department of Nutrition, Exercise and Sports, Faculty of Science, University of Copenhagen, Copenhagen, Denmark; <sup>2</sup>Healthy Active Living and Obesity Research Group, Children's Hospital of Eastern Ontario Research Institute, Ottawa, Ontario, Canada; <sup>3</sup>National Food Institute, Division of Nutrition, DTU Food, Technical University of Denmark, Copenhagen, Denmark

### T3:S14.12

Relationships Between Ghrelin Concentrations, Weight Status And Metabolic Factors In Guadeloupean School-children 11 To 15 Years.  
Rambhojan, C<sup>1</sup>; Bouaziz, E<sup>2</sup>; Cleprier, J<sup>3</sup>; Plumasseau, J<sup>4</sup>; Nathou, F<sup>4</sup>; Hodebard, D<sup>4</sup>; Messonnier, M<sup>4</sup>; Lacorte, J<sup>2</sup>; Foucan, L\*<sup>1</sup>  
<sup>1</sup>Groupe de Recherche - Epidémiologie Clinique et Médecine. CHU de

Pointe-à-Pitre,, Guadeloupe (French); <sup>2</sup>Service de Biochimie Endocrinienne et Oncologique, Groupe hospitalier Pitié-Salpêtrière. Paris, France; <sup>3</sup>Réseau GRANDIR, ), Guadeloupe (French); <sup>4</sup>Centre d'Examens de Santé. AGREXAM, Guadeloupe (French)

### T3:S14.13

Prevalence Of Obesity, Overweight And Underweight In Primary School Children, Pilar, Buenos Aires, Argentina 2012-2013  
Carracedo, M\*<sup>1</sup>; Ravenna, M; Olkies, A  
Therapeutic Center Máximo Ravenna MD, Argentina

### T3:S14.14

Does Childhood BMI Predict Metabolically Healthy Obesity 20 Years Later?  
Smith, K\*<sup>1</sup>; Bessell, E; Magnussen, C; Venn, A  
Menzies Research Institute Tasmania, University of Tasmania, Australia

### T3:S14.15

Growth Rate And Insulin Resistance At 8.5 Years-old: Findings From The Prospective Cohort Of Thai Children Study At Thepa  
Mo-suwan, L\*<sup>1</sup>; McNeil, E<sup>1</sup>; Sangsupawanich, P<sup>1</sup>; Chittchang, U<sup>2</sup>; Choprapawon, C<sup>3</sup>  
<sup>1</sup>Faculty of Medicine, Prince of Songkla University, Thailand; <sup>2</sup>Institute of Nutrition, Mahidol University, Thailand; <sup>3</sup>Thailand Research Association for Child and Family Development, Thailand

### T3:S14.16

Body Dissatisfaction And Prevalence Of Obesity Among Sri Lankan Rural Adolescents  
Chong, K\*<sup>1</sup>; Norimah, A<sup>1</sup>; Goonapienuwala, B\*<sup>1</sup>; Agampodi, S<sup>1</sup>; Kalupahana, N<sup>2</sup>; Wijayakoon, W<sup>1</sup>; Bopeththa, B<sup>1</sup>; Senevirathne, N<sup>1</sup>; Adhikari, D<sup>1</sup>; Henegama, A<sup>1</sup>; Siribaddana, S<sup>1</sup>  
<sup>1</sup>Rajarata University Of Sri Lanka, Sri Lanka; <sup>2</sup>University of Peradeniya, Sri Lanka

### T3:S14.17

Prevalence Of Obesity And Cardiometabolic Risk Factors In Young Urban Adolescents In Malaysia.  
Zaharan, N\*<sup>1</sup>; Moy, F; Jalaludin,

M; Mohamed, M; Mohamed, Z  
University Of Malaya, Malaysia

### T3:S14.18

Relationship Between Body Composition And Metabolic Variables In Chinese Schoolchildren: A Follow-up Study  
Liu, A\*<sup>1</sup>; Ma, G<sup>1</sup>; Guo, X<sup>2</sup>; Li, Z<sup>2</sup>; Yuan, F<sup>1</sup>; Song, C<sup>1</sup>; Xu, H<sup>1</sup>  
<sup>1</sup>National Institute of Nutrition and Food Safety, China CDC, China; <sup>2</sup>Beijing Chaoyang District Center for Disease Control and Prevention, China

### T3:S14.19

SNAC Study- Satiety, Nutrition And Appetite In Children  
Nguo, K\*<sup>1</sup>; Huggins, C<sup>1</sup>; Barber, E<sup>1</sup>; Brown, J<sup>2</sup>; Truby, H<sup>1</sup>; Bonham, M<sup>1</sup>  
<sup>1</sup>Department of Nutrition and Dietetics, Monash University, Australia; <sup>2</sup>Department of Paediatric Endocrinology and Diabetes, Monash Children's Hospital, Australia

### T3:S14.20

Assessing Weight Change In Obese Adolescents  
Garnett, S\*<sup>1</sup>; Ho, M<sup>2</sup>; Cowell, C<sup>2</sup>  
<sup>1</sup>Children's Hospital Westmead, Australia; <sup>2</sup>Th Children's Hospital Westmead, Australia

### T3:S14.21

Predictors Of Obesity-related Complications In Prepubertal Children  
Lee, L\*<sup>1</sup>; Hsieh, C; Liao, Y  
Chang Gung Memorial Hospital-Chaiyi, Taiwan

### T3:S14.22

Correlates Of Central Obesity And Cognitive Function Among Young Malay Adolescents In Kuala Lumpur, Malaysia  
Chong, K\*<sup>1</sup>; Norimah, A<sup>1</sup>; Ponnusamy, S<sup>2</sup>; Poh, B<sup>1</sup>  
<sup>1</sup>Nutritional Sciences Programme, Faculty of Health Sciences, Universiti Kebangsaan Malaysia, Malaysia; <sup>2</sup>Health Psychology Programme, Faculty of Health Sciences, Universiti Kebangsaan Malaysia, Malaysia

### T3:S14.23

Use Of ROC Curves In Identifying Suitable Obesity Indices For Prediction Of Metabolic Syndrome Risk Clustering Among Young

## TRACK 3 – FROM HEALTHY WEIGHT TO WEIGHT-RELATED PATHOLOGIES

Adolescents In Kuala Lumpur Wee, B<sup>\*1</sup>; Poh, B<sup>1</sup>; Bulgiba, A<sup>2</sup>; Ismail, M<sup>3</sup>; Liu, A<sup>4</sup>; Deurenberg, P<sup>5</sup>

<sup>1</sup>Nutritional Sciences Programme, Faculty of Health Sciences, Universiti Kebangsaan Malaysia, Kuala Lumpur,, Malaysia; <sup>2</sup>Julius Centre University of Malaya, Faculty of Medicine, University of Malaya, Kuala Lumpur,, Malaysia; <sup>3</sup>Faculty of Medicine and Health Sciences, Universiti Teknologi MARA, Puncak Alam, Selangor,, Malaysia; <sup>4</sup>National Institute of Nutrition and Food Safety, Chinese Center for Disease Control and Prevention, Beijing,, China; <sup>5</sup>LTC, SY Solace @ Telaga Harbour, Langkawi,, Malaysia

### T3:S14.24

Effect Of Calcium Intake On Anthropometric Parameters In Czech Adolescents. Hlavata, K\*; Hlavaty, P; Zamrazilova, H; Sedlackova, B; Dusatkova, L; Kunesova, M; Hainer, V  
Institute of Endocrinology, Czech Republic

### T3:S14.25

Epidemic Of Childhood Obesity In The UAE: Implications For Diabetes And Hypertension AlHammadi, F\*; Al Mehairi, A; Shamma, A; Muna, A; Shah, S  
Institute of Public Health, College of Medicine and Health Sciences, United Arab Emirates University, United Arab Emirates

### T3:S14.26

Association Of 25-hydroxyvitamin D And Body Composition In Czech Adolescents - Pilot Study Hlavaty, P\*; Hlavata, K; Zamrazilova, H; Sedlackova, B; Dusatkova, L; Kunesova, M; Hainer, V  
Institute of Endocrinology, Czech Republic

### T3:S14.27

Sedentary Activity And Obesity Among Junior High School Students In Ho Chi Minh City, Viet Nam Hong, K<sup>1</sup>; Minh, N<sup>\*1</sup>; Michael, J<sup>2</sup>  
<sup>1</sup>Pham Ngoc Thach University of Medicine, Vietnam; <sup>2</sup>University of Sydney, Australia

### T3:S14.28

Stunted Children Has Higher Risk Of Overweight Among Children Aged 6-12 Years From Eight Provinces In Indonesia Yasmin, G\*; Kustiyah, L; Dwiriani, C  
Department of Community Nutrition, Faculty of Human Ecology, Bogor Agricultural University, Indonesia

### T3:S14.29

Cardio-metabolic Risk Factors Associated With Contemporary Measures Of Arterial Stiffening In Obese Adolescents. Hudson, L<sup>1</sup>; Christie, D<sup>1</sup>; Costa, S<sup>1</sup>; Kinra, S<sup>2</sup>; Mathiot, A<sup>1</sup>; Wong, I<sup>1</sup>; Nazareth, I<sup>1</sup>; Kessell, A<sup>3</sup>; Morris, S<sup>1</sup>; Cole, T<sup>1</sup>; Viner, R<sup>\*1</sup>  
<sup>1</sup>UCL Institute of Child Health, United Kingdom; <sup>2</sup>London School of Hygiene and Tropical Medicine, United Kingdom; <sup>3</sup>Public Health England, United Kingdom

### T3:S14.30

Maternal Diabetes During Pregnancy And Its Relation With Birth Size And Risk Of Obesity In Early Childhood. Wagle, S; Joglekar, C; Limaye, T; Kumar, K; Kulkarni, S; Lubree, H; Ladkat, R; Ramdas, L; Joshi, S; Yajnik, C\*  
Diabetes Unit, KEM Hospital Research Center, Pune., India

### T3:S14.31

Metabolic Consequences Of Heterogeneity In Adiponectin Levels Among Overweight / obese Adolescents, A Potential Explanation. Reyes, M<sup>\*1</sup>; Burrows, R<sup>1</sup>; Blanco, E<sup>2</sup>; Lozzof, B<sup>3</sup>; Gahagan, S<sup>2</sup>  
<sup>1</sup>Institute of Nutrition and Food Technology (INTA), University of Chile, Chile; <sup>2</sup>Division of Child Development and Community Health, Department of Pediatrics, University of California, USA; <sup>3</sup>Center for Human Growth and Development, University of Michigan, USA

### T3:S14.32

Comparison Of Maximal Fat Oxidation Adjusted For Body Composition By Dual Energy X-ray Absorptiometry Between Boys And Girls Konishi, M<sup>\*1</sup>; Midorikawa, T<sup>2</sup>; Ohta, M<sup>3</sup>; Hikihara, Y<sup>4</sup>; Takagi, S<sup>5</sup>; Torii, S<sup>1</sup>; Sakamoto, S<sup>1</sup>

<sup>1</sup>Faculty of Sport Sciences, Waseda University, Japan; <sup>2</sup>College of Health and Welfare, J.F. Oberlin University, Japan; <sup>3</sup>School of International Liberal Studies, Chukyo University, Japan; <sup>4</sup>Faculty of Engineering, Chiba Institute of Technology, Japan; <sup>5</sup>Department of Sports Medicine for Health Promotion, Tokyo Medical University, Japan

### T3:S14.33

Prevalence Of Obesity Among Adolescents In Senior Secondary Schools In Oyo State, Nigeria Akinlade, A<sup>\*1</sup>; Afolabi, W<sup>2</sup>; Oguntona, E<sup>3</sup>; Agbonlahor, M<sup>4</sup>  
<sup>1</sup>Department of Nutrition and Dietetics, Federal University of Agriculture, Abeokuta, Nigeria; <sup>2</sup>Department of Nutrition and Dietetics, Federal University of Agriculture, Abeokuta, Nigeria; <sup>3</sup>Department of Nutrition and Dietetics, Federal University of Agriculture, Abeokuta, Nigeria; <sup>4</sup>Federal University of Agriculture, Abeokuta, Nigeria

### T3:S14.34

Prevalence Of Obesity Among Adolescents In Senior Secondary Schools In Oyo State, Nigeria Akinlade, A<sup>\*1</sup>; Afolabi, W<sup>2</sup>; Oguntona, E<sup>2</sup>; Agbonlahor, M<sup>3</sup>; Akinlade, A<sup>4</sup>  
<sup>1</sup>Department of Nutrition and Dietetics, Federal University of Agriculture,, Nigeria; <sup>2</sup>Department of Nutrition and Dietetics, Federal University of Agriculture, Abeokuta, Nigeria; <sup>3</sup>Federal University of Agriculture, Abeokuta, Nigeria; <sup>4</sup>Department of Nutrition and Dietetics, Federal University of Agriculture, Abeokuta, Ogun State, Nigeria

### T3:S14.35

Meal Skipping As A Risk Factor Of Abdominal Obesity Among Malaysian Adolescents: Findings From The Malaysian Overweight And Disordered Eating Survey Mohd Taib, M\*; Chin, Y; Fara Wahida, R; Kaartina, S; Woon, F; Zalilah, M  
Universiti Putra Malaysia, Malaysia

### T3:S14.36

Influence Of Obesity And Diet On Children's Blood Pressure: Results From The GRECO Study Farajian, P<sup>\*1</sup>; Risvas, G<sup>1</sup>; Micha,

R<sup>1</sup>; Panagiotakos, D<sup>2</sup>; Zampelas, A<sup>1</sup>

<sup>1</sup>Agricultural University of Athens, Greece; <sup>2</sup>Harokopio University, Greece

### T3:S14.37

Influences Of Body Weight Status On Misreporting Of Dietary Energy Intake Among Adolescents In Selected Schools In Kuala Lumpur Fara Wahida, R\*; Chin, Y; Barakatun Nisak, M; Zalilah, M  
Universiti Putra Malaysia, Malaysia

### T3:S14.38

Physical Activity And Body Composition Among Ethnically Diverse Adolescents Abdul Majid, H<sup>\*1</sup>; Su, T<sup>2</sup>; Pei Ying, S<sup>2</sup>; Azmi, M<sup>2</sup>; Murray, L<sup>3</sup>; Al Sadat, N<sup>2</sup>; Cantwell, M<sup>3</sup>; Jalaludin, M<sup>2</sup>  
<sup>1</sup>University of Malaya, United Kingdom; <sup>2</sup>University of Malaya, Malaysia; <sup>3</sup>Queen's University Belfast, United Kingdom

### T3:S14.39

Sensitivity And Specificity Of Body Fat Analyzer Among A Sample Of Malaysian Adolescents Hiew, C\*; Chin, Y; Chan, Y; Mohd Nasir, M  
Universiti Putra Malaysia, Malaysia

### T3:S14.40

Body Mass Index, Asthma And Allergy Among School Children In Malaysia Abdul Hamid, N\*; Appukutty, M; Abd Latif, R; Mohd Nasir, M; Mazaulan, M  
Universiti Teknologi MARA, Malaysia

### T3:S14.41

In Search Of Factors Among Obese Children That Predict Early Co-morbidity Development -- Preliminary Results From FOCUS, A Follow-up Study Hagman, E\*; Hedvall Kallerman, P; Danielsson, P; Westerståhl, M; Ekblom, K; Marcus, C  
Karolinska institutet, Sweden

### T3:S14.42

Association Of Sleep Disorders And BMI Status In A Sample Of Malaysian Children FIROUZI, S<sup>\*1</sup>; Ismail, M<sup>2</sup>; Poh, B<sup>3</sup>; Sadeghilar, A<sup>4</sup>

<sup>1</sup>UNIVERSITI PUTRA MALAYSIA, Malaysia; <sup>2</sup>MARA University of Technology, Malaysia; <sup>3</sup>Universiti Kebangsaan Malaysia, Malaysia; <sup>4</sup>Management and Science University, Malaysia

### T3:S14.43

Body Composition, Grip Strength And Bone Health In Malaysian Chinese And Malaysian Indian School Children Mitra, S<sup>\*1</sup>; Lee, K<sup>2</sup>; Chong, Y<sup>2</sup>; Babei, K<sup>2</sup>  
<sup>1</sup>University of Nottingham at Malaysia Campus, Malaysia; <sup>2</sup>University of Nottingham Malaysia Campus, Malaysia

### T3:S14.44

The Metabolic Syndrome And 2-hour Insulin Sensitivity In Lean And Obese Children Boejsooe, C\*; Nissen, A; Kloppenborg, J; Mollerup, P; Trier, C; Fonvig, C; Holm, J  
The Children's Obesity Clinic, Department of Pediatrics, Copenhagen University Hospital Holbaek, Denmark

T3: S16: Cancer – from epidemiology through mechanisms to outcome

### T3:S16.18

Alarming High Rates Of Child Obesity In Saudi Arabia. A Possible Link Between Obesity And Inheritance Of Phenylthio Carbamide Gene(PTC). M. Farshori, N. Altamimi, M. Aljamany, A. Alafnan, A. Alhazmi Altamimi, N<sup>\*1</sup>; Aliamany, M<sup>2</sup>; Alafnan, A<sup>2</sup>; Alrashidi, A<sup>2</sup>; Alshammari, F<sup>2</sup>; AlHazmi, A<sup>2</sup>; Farshori (supervisor), M<sup>2</sup>  
<sup>1</sup>University of Hail, College of Medicine (Male), Saudi Arabia; <sup>2</sup>UOH, Saudi Arabia

### TRACK 3: SESSION 17: Defining disease with imaging

### T3:S17.04

The Effect Of Obesity On Chest Radiography And Electrocardiogram, From The Database Of Preoperative Autologous Blood Donation (PABD). Saito, N<sup>\*1</sup>; Kumagai, K<sup>2</sup>; Furuya, M<sup>2</sup>; Ino, J<sup>2</sup>; Horiguchi, D<sup>2</sup>; Kawauchi, S<sup>2</sup>; Saito, M<sup>2</sup>; Nakajima, A<sup>2</sup>; Maeda, M<sup>2</sup>; Toyoshima, O<sup>1</sup>; Watanabe, K<sup>2</sup>; Matsumoto, C<sup>2</sup>; Ota, N<sup>2</sup>; Ozeki, S<sup>2</sup>

<sup>1</sup>Yokohama Asahi Chuo General Hospital, Japan; <sup>2</sup>Dokkyo Medical University Koshigaya Hospital, Japan

### T3:S17.05

An In Vitro Comparison Of DXA- And CT-derived Leg Composition In Elderly Persons Scafoglieri, A\*; Deklerk, R; Tresignie, J; De Mey, J; Clarys, J; Bautmans, I  
Vrije Universiteit Brussel, Belgium

### T3:S17.06

Iron Deficiency Anemia And Chronic Inflammation Markers In Overweight And Obese Women KANER, G<sup>\*1</sup>; PEKCAN, G<sup>2</sup>  
<sup>1</sup>Nuh Naci Yazgan University, Turkey; <sup>2</sup>Hacettepe University, Turkey

### TRACK 3: SESSION 19: NAFLD

### T3:S19.07

Non Alcoholic Fatty Liver Disease (NAFLD) And Coronary Artery Disease (CAD) In Asian Indians Elavarasi, A\*; Vikram, N; Karthikeyan, G; Yadav, R; Barwad, P; Sharma, S; Kumar, A; Guleria, R; Pandey, R  
All India Institute of Medical Sciences, India

### T3:S19.08

Effects Of Compounds Of Phaeophyceae Origin On The Proliferation Of And Lipid Accumulation In HuH7 Cells Wang, T<sup>\*1</sup>; Watanabe Asako, 3<sup>1</sup>; Takikawa Yasuhiro, 2<sup>1</sup>; Satoh Takumi, 4<sup>2</sup>; Suzuki Kazuyuki, 5<sup>1</sup>  
<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Iwate Medical University, Japan; <sup>2</sup>Department of Welfare Engineering, Faculty of Engineering, Iwate University, Japan

### T3:S19.09

Mechanisms Of NPY Overexpression In The Pathogenesis Of The Metabolic Syndrome Ailanen, L<sup>\*1</sup>; Vähätalo, L<sup>1</sup>; Puskala, K<sup>1</sup>; Gylling, H<sup>2</sup>; Ruohonen, S<sup>1</sup>; Savontaus, E<sup>1</sup>  
<sup>1</sup>University of Turku, Department of Pharmacology, Drug Development and Therapeutics, Finland; <sup>2</sup>Department of

## TRACK 4 – FROM NUTRITION, EXERCISE, AND PSYCHOLOGY TO LIFESTYLE

### TRACK 4: SESSION 20: Environments and biological impact

#### T4:S20.05

A Systematic Review Of The Influence Of The Retail Food Environment Around Schools On Obesity-related Outcomes Scarborough, P; Williams, J\*; Matthews, A; Cowburn, G; Foster, C; Rayner, M University of Oxford, United Kingdom

#### T4:S20.06

Physical Activity Perceived Barriers And Self Efficacy Among Overweight And Obese Saudi Women AL-Otaibi, H\* King Faisal University, Saudi Arabia, Saudi Arabia

#### T4:S20.07

Obesity In Relation To Serum Folate Species, Plasma Vitamin B12 And Homocysteine In Premenopausal Black Women Mahabir, S\*<sup>1</sup>; Hajek, R<sup>2</sup>; Jones, L<sup>2</sup> <sup>1</sup>National Cancer Institute, Nih, Usa; <sup>2</sup>Md Anderson Cancer Center, Usa

#### T4:S20.08

Association Of Sedentary, Physical Activity And Obesity In Elementary School Children Of Yogyakarta, Indonesia Arundhana, A\*<sup>1</sup>; Hadi, H<sup>2</sup>; Julia, M<sup>3</sup> <sup>1</sup>Public Health Department, Medical Faculty of Gadjah Mada University email: andiiham.arundhana@gmail.com, Indonesia; <sup>2</sup>Alma Ata Center for Healthy Life and Food (ACHEAF) Yogyakarta. Email: hamamhadi99@gmail.com, Indonesia; <sup>3</sup>Paediatric department, Dr. Sardjito Hospital/Gadjah Mada University. Email: madarinajulia@yahoo.com, Indonesia

#### T4:S20.09

Differences In Overweight And Obesity Among Children From Migrant And Native Dutch Origin: The Role Of Physical Activity, Dietary Intake, And Sleep Duration Labree, L\*; Foets, M Institute of Health Policy and Management, Erasmus University, Netherlands

#### T4:S20.10

Early Life Stress Induced By Limited Nested Material Increases Susceptibility For Metabolic Disorder In Female Rats Maniam, J\*; Antoniadis, C; Morris, M The University of New South Wales, Australia

#### T4:S20.11

Natural Obesity In Brandt's Voles: A Model Of 'healthy Obesity' Liu, X\*<sup>1</sup>; Yang, D<sup>1</sup>; Zhang, F<sup>2</sup>; Jorgensen, R<sup>2</sup>; Gronning, M<sup>2</sup>; Wang, D<sup>3</sup>; Speakman, J<sup>1</sup> <sup>1</sup>Institute of genetics and developmental biology, China; <sup>2</sup>Novo Nordisk A/S, Denmark; <sup>3</sup>Institute of Zoology, China

#### T4:S20.12

Diet-induced Weight Loss Plus Aerobic Exercise Attenuates The Loss Of Skeletal Muscle In Adults With Visceral Adiposity YOSHIMURA, E\*<sup>1</sup>; KUMAHARA, H<sup>2</sup>; TOBINA, T<sup>3</sup>; MATSUDA, T<sup>4</sup>; WATABE, K<sup>4</sup>; MATONO, S<sup>5</sup>; AYABE, M<sup>6</sup>; KIYONAGA, A<sup>7</sup>; ANZAI, K<sup>8</sup>; HIGAKI, Y<sup>9</sup>; TANAKA, H<sup>9</sup> <sup>1</sup>Faculty of Environmental and Symbiotic Sciences, Prefectural University of Kumamoto, Japan; <sup>2</sup>Faculty of Nutritional Sciences, Nakamura Gakuen University, Japan; <sup>3</sup>Faculty of Nursing and Nutrition, University of Nagasaki, Japan; <sup>4</sup>Faculty of Medicine, Fukuoka University, Japan; <sup>5</sup>Fukuoka Safety Center, Japan; <sup>6</sup>Faculty of Computer Science and Systems Engineering, Okayama Prefectural University, Japan; <sup>7</sup>Faculty of Sports and Health Science, Fukuoka University, Japan; <sup>8</sup>Department of Internal Medicine, Saga University, Japan; <sup>9</sup>Central Research Institute for Physical Activity, Fukuoka University, Japan

#### T4:S20.13

The Association Between The Proximity To The City And Childhood Overweight And Obesity Rates In Rural Children And Adolescents From Pomerania Region, Poland: A Repeated Cross-sectional Study. Roznowski, J\*<sup>1</sup>; Cymek, L<sup>2</sup>; Roznowska, A<sup>3</sup> <sup>1</sup>Nzoz Twoj Lekarz, Chelmino,

Poland; <sup>2</sup>Institute of Biology and Environmental Protection, Pomeranian University in Slupsk, Poland; <sup>3</sup>Student at Medical University of Gdansk, Poland

#### T4:S20.14

Relationship Between Serum Preactalbumin, Serum Albumin And Obesity In Patients With Chronic Renal Disease Undergoing Hemodialysis. Foucan, L\*<sup>1</sup>; Ducros, J<sup>2</sup>; Champalou, D<sup>2</sup>; Merault, H<sup>3</sup> <sup>1</sup>Research Group – Clinical Epidemiology and Medecine. University Hospital, Guadeloupe (French); <sup>2</sup>AUDRA Dialysis Centre. Pointe-à-Pitre, Guadeloupe (French); <sup>3</sup>Nephrology Unit. University Hospital, Pointe-à-Pitre, Guadeloupe (French)

#### T4:S20.15

Cross-sectional Association Between Potentially Unbeneficial Eating Behaviors And Body Composition Among Children And Adolescents In South China XUE, H\*<sup>1</sup>; Duan, R; Liu, Y; Yang, M; Zhou, X; Cheng, G Department Of Nutrition And Food Safety, West China School Of Public Health, Sichuan University, China

#### T4:S20.16

Velocities Of Weight, Height And Fat Mass Gain During Potentially Critical Periods Of Growth: Decisive For Adult Body Composition? Cheng, G\*<sup>1</sup>; Bolzenius, K<sup>2</sup>; Joslowski, G<sup>2</sup>; G<sup>1</sup>ntner, A<sup>3</sup>; Kroke, A<sup>4</sup>; Heinrich, J<sup>5</sup>; Buyken, A<sup>2</sup> <sup>1</sup>Fulda University of Applied Sciences, Fulda, Germany, China; <sup>2</sup>IEL-Nutritional Epidemiology, University of Bonn, DONALD Study at the Research Institute of Child Nutrition, Germany, Germany; <sup>3</sup>Institute of Epidemiology I, Helmholtz Zentrum Muenchen - German Research Center for Environmental Health, Neuherberg, Germany, Germany; <sup>4</sup>Fulda University of Applied Sciences, Fulda, Germany, Germany; <sup>5</sup>Institute of Epidemiology I, Helmholtz Zentrum Muenchen - German Research Center for Environmental Health, Neuherberg, Germany, Germany

#### T4:S20.17

Cross-sectional Association Between Physical Activity/ inactivity And Body Composition Among Children And Adolescents In South China Xue, H\*<sup>1</sup>; Yang, M; Liu, Y; Duan, R; Zhou, X; Cheng, G Department Of Nutrition And Food Safety, West China School Of Public Health, Sichuan University, China

#### T4:S20.18

Cross-sectional Association Between Foods Rich In Protein And Body Composition Among Children And Adolescents In South China Yang, M\*<sup>1</sup>; Xue, H; Duan, R; Liu, Y; Zhou, X; Cheng, G Department Of Nutrition And Food Safety, West China School Of Public Health, Sichuan University, China

#### T4:S20.19

Cross-sectional Association Between Overall Diet Quality And Body Composition Among Children And Adolescents In South China Duan, R\*<sup>1</sup>; Liu, Y; Yang, M; Xue, H; Zhou, X; Cheng, G Department of Nutrition and Food Safety, West China School of Public Health, Sichuan University, China

#### T4:S20.20

Cross-sectional Association Of Grain, Tubers And Whole Grain With Body Composition Among Children And Adolescents In South China Liu, Y\*<sup>1</sup>; Duan, R; Xue, H; Yang, M; Zhou, X; Cheng, G West China School of Public Health, Sichuan University, China

#### T4:S20.21

Cross-sectional Association Between Eating Behaviors And Body Composition Among Children And Adolescents In South China Duan, R\*<sup>1</sup>; Liu, Y; Xue, H; Yang, M; Zhou, X; Cheng, G Department of Nutrition and Food Safety, West China School of Public Health, Sichuan University, China

#### T4:S20.22

Changes In Body Composition With Weight Loss In A Physician-

Supervised Weight Loss Program Guzman, M\*<sup>1</sup>; Nguyen, J<sup>2</sup>; Schram, E<sup>2</sup>; Holub, C<sup>3</sup>; Imperial, E<sup>4</sup>; Zbella, E<sup>4</sup>; Shah Alvarez, S<sup>4</sup> <sup>1</sup>Nova Southeastern University, Florida, USA; <sup>2</sup>University of South Florida, USA; <sup>3</sup>San Diego State University, USA; <sup>4</sup>Medi-Weightloss, USA

#### T4:S20.23

Obesity, Martinique's Women Most Dangerous Predator Merle, S<sup>1</sup>; Pierre-Louis, K<sup>1</sup>; Castetbon, K<sup>2</sup>; Fagour, C<sup>3</sup>; Foucan, L\*<sup>3</sup> <sup>1</sup>Observatoire de la santé de la Martinique, Martinique (French); <sup>2</sup>Usen, Institut de veille sanitaire/Univiersité Paris 13, France; <sup>3</sup>Research group – Clinical Epidemiology and Medecine. University Hospital, Guadeloupe (French)

#### T4:S20.24

Parental Perceptions Of And Concerns About Child's Body Weight In Eight European Countries --the IDEFICS Study Mårild, S\*<sup>1</sup>; Regber, S<sup>2</sup>; Novak,, M<sup>3</sup>; Eiben, G<sup>3</sup>; Bammann, K<sup>4</sup>; De Henauw, S<sup>5</sup>; Fernández-Alvira, J<sup>6</sup>; Gwozdz, W<sup>7</sup>; Kourides, Y<sup>8</sup>; Moreno, L<sup>9</sup>; Molnár, D<sup>10</sup>; Reisch, L<sup>11</sup>; Russo, P<sup>12</sup>; Veidebaum, T<sup>13</sup>; Borup, I<sup>14</sup>; Pigeot, I<sup>4</sup> <sup>1</sup>Department of Paediatrics, Sahlgrenska Academy, Göteborg, Sweden; <sup>2</sup>Nordic school of Public Health, Göteborg, Sweden; <sup>3</sup>Sahlgrenska Academy, University of Gothenburg, Gothenburg, Sweden, Sweden; <sup>4</sup>BIPS-Institute for Epidemiology and Prevention Research, Bremen, Germany; <sup>5</sup>Department of Movement and Sport Sciences, Ghent University, Ghent, Belgium; <sup>6</sup>University of Zaragoza, Zaragoza, Spain; <sup>7</sup>Copenhagen Business School, Frederiksberg,, Denmark; <sup>8</sup>Research & Education Institute of Child Health/ Strovolos, Cyprus; <sup>9</sup>Growth Exercise, Nutrition and Development) Research Group, University School of Health Sciences (EUCS), University of Zaragoza, Spain; <sup>10</sup>Department of Pediatrics, University of Pécs, Pécs, Hungary; <sup>11</sup>Department of Intercultural Communication & Management, Copenhagen Business School, Frederiksberg, Denmark; <sup>12</sup>Epidemiology & Population Genetics, Institute of Food Sciences, CNR, Avellino, Italy; <sup>13</sup>National Institute for Health Development, Tallinn,

Estonia; <sup>14</sup>Nordic School of Public Health NHV, Gothenburg, Sweden

#### T4:S20.25

Food Consumption And Disorders Of Parent's Education In Children With Simple Obesity Solntsava, A\*<sup>1</sup>; Zagrebaeva, O; Volkova, N Belarusian State Medical University, Belarus

#### T4:S20.26

Prevalence Of Overweight/ Obesity And Its Associated Risk Factors Amongst The Primary School Children In The Sub-urban Area Of Malaysia Chew, W\*<sup>1</sup>; Leong, P; Masyita, M; Chandrashekar, T; Choo, K; Yap, S; Boo, N Faculty of Medicine and Health Sciences, Universiti Tunku Abdul Rahman, Sg Long Campus,, Malaysia

#### T4:S20.27

Pregnancy Slows Down Weight Loss After Bariatric Surgery But Does Not Affect Long-term Outcomes. Pham, T\*<sup>1</sup>; Pigeyre, M; Couster, J; Loidan, E; Deruelle, P; Pattou, F Lille Hospital University, France

#### T4:S20.28

Health Status, Dietary Intake, Dieting Practices, Eating Behaviour, Physical Activity And Psychological Well-being In Urban Black Overweight/obese Treatment-seeking Zulu Women And Association With BMI Kassier, S\*<sup>1</sup>; De Villiers, A<sup>2</sup>; Senekal, M<sup>3</sup> <sup>1</sup>University of KwaZulu-Natal, South Africa; <sup>2</sup>Medical Research Council, South Africa; <sup>3</sup>University of Cape Town, South Africa

#### T4:S20.29

The Association Between Body Mass Index And Blood Pressure Among School Children In Malaysia Shamarina, S\*<sup>1</sup>; Nur Syahmina, R; Wong, Y Universiti Putra Malaysia, Malaysia

#### T4:S20.30

Association Between Bone Mineralization, Body Composition And Cardiorespiratory Fitness Level

In Young Australian Men Liberato, S\*<sup>1</sup>; Bressan, J<sup>2</sup>; Hills, A<sup>3</sup> <sup>1</sup>Menzies School of Health Research, Australia; <sup>2</sup>Federal University of Vicosa, Brazil; <sup>3</sup>University of Queensland, Australia

#### T4:S20.31

The Effectiveness Of School-based Nutrition Education Programme (the ReFRESH Programme) Among Obese Adolescents In Singapore Tan, J, Chow, L.Y, Nai, H, Seow, M, Tay, V, Chan, M.F, Vijaya K Tan, J; Chow, L; Nai, H; Seow, M\*; Tay, V; Chan, M; Vijaya, K Health Promotion Board, Singapore, Singapore

#### T4:S20.32

Influence Of Physical Activity Pattern On Body Composition Of Malay Children Aged 9 To 12 Years Old Lee, S\*<sup>1</sup>; Chong, P; Christinal Teh, P; Adibah, N; Poh, B Universiti Kebangsaan Malaysia, Malaysia

#### T4:S20.33

Associations Between Home Environment, Behavioral Factors And Body-Mass-Index Among Primary School Children In Selangor, Malaysia. Chin, Y\*<sup>1</sup>; Woon, F; Chong, L; Mohd Taib, M Universiti Putra Malaysia, Malaysia

#### T4:S20.34

Fitness May Be More Important For Cardiovascular Health Than Adiposity In Adolescent Girls. Costa, I<sup>1</sup>; Hudson, L<sup>2</sup>; Christie, D<sup>2</sup>; Kinra, S<sup>3</sup>; Mathiot, A<sup>2</sup>; Wong, I<sup>2</sup>; Nazareth, I<sup>2</sup>; Kessell, A<sup>4</sup>; Morris, S<sup>2</sup>; Cole, T<sup>2</sup>; Viner, R\*<sup>2</sup> <sup>1</sup>University College London, United Kingdom; <sup>2</sup>UCL Institute of Child Health, United Kingdom; <sup>3</sup>London School of Hygiene and Tropical Medicine, United Kingdom; <sup>4</sup>Public Health England, United Kingdom

#### T4:S20.35

Associations Of Physiological And Life-event Measures Of Stress With Adiposity In Obese Adolescents Hudson, L<sup>1</sup>; Costa, S<sup>1</sup>; Viner, R\*<sup>1</sup>; Kinra, S<sup>2</sup>; Mathiot, A<sup>1</sup>; Wong, I<sup>3</sup>; Nazareth, I<sup>1</sup>; Kessell, A<sup>4</sup>; Morris, S<sup>1</sup>; Cole, T<sup>1</sup>; Christie, D<sup>1</sup>

<sup>1</sup>UCL Institute of Child Health, United Kingdom; <sup>2</sup>London School Of Hygien and Tropical Medicine, United Kingdom; <sup>3</sup>University Of Hong Kong, Hong Kong; <sup>4</sup>Public Health England, United Kingdom

#### T4:S20.36

Obesity Indices Related To Obstructive Sleep Apnea In Obese Patients. Lee, S\*<sup>1</sup> Dept Of Family Medicine, Inje University, Sanggyepaik Hospital, Korea, Republic of

#### T4:S20.37

High Fat Diet Induced Obesity In A Rat Model Alter Molecular Fingerprint Of Urinary Bladder And Decrease Detrusor Smooth Muscle Reactivity Oberbach, A\*<sup>1</sup>; Schlichting, N<sup>2</sup>; Neuhaus, J<sup>3</sup> <sup>1</sup>University of Leipzig, Department of cardiac surgery, Germany; <sup>2</sup>University of Leipzig, Department of pediatric surgery, Germany; <sup>3</sup>University of Leipzig, Department of urology, Germany

#### T4:S20.38

Risk Factors For Overweight Status In Adolescent Girls In Jeddah City, Saudi Arabia Aljaaly, E\*<sup>1</sup> King Abdulaziz University, Saudi Arabia

#### T4:S20.39

Which Psychosocial Work Factors Are Associated With Waist Circumference In South Australian Employees? Bean, C\*<sup>1</sup>; Winefield, H<sup>1</sup>; Sargent, C<sup>2</sup>; Hutchinson, A<sup>3</sup> <sup>1</sup>School of Psychology, University of Adelaide, Australia; <sup>2</sup>Appleton Institute, Central Queensland University, Australia; <sup>3</sup>School of Psychology, Social Work and Social Policy, University of South Australia, Australia

#### T4:S20.40

Influence Of Physical Activity And Sedentary Behaviour On Weight And Subclinical Atherosclerosis In A Rural Population Arhire, L\*<sup>1</sup>; Mihalache, L; Grosu, C; Nita, O; Popescu, D; Popa, A; Gherasim, A; Mitu, O; Graur, M "Grigore T. Popa" University of Medicine and Pharmacy, Romania

## TRACK 4 – FROM NUTRITION, EXERCISE, AND PSYCHOLOGY TO LIFESTYLE

### T4:S20.41

Sex Differences In The Association Between Socioeconomic Status And Insulin Resistance: Data From The Korea National Health And Nutrition Examination Survey 2008--2010

Kang, J\*<sup>1</sup>; Kim, Y<sup>2</sup>; Lee, K<sup>3</sup>; Lee, C<sup>4</sup>  
<sup>1</sup>Endocrinology and Metabolism, Hallym University Sacred Heart Hospital, Korea, Republic of; <sup>2</sup>Family Medicine, Korea University College of Medicine, Korea, Republic of; <sup>3</sup>Endocrinology and Metabolism, Gacheon University College of Medicine, Korea, Republic of; <sup>4</sup>Endocrinology and Metabolism, Hanyang University College of Medicine, Korea, Republic of

### T4:S20.42

Nutritional Status And Dietary Patterns Among Adolescents In Malaysia

Yeo, P\*<sup>1</sup>; Norhafizah, S; Teh, C; Hatta, M; Suhaila, A; Rashidah, A; Chan, Y; Nor Azian, M  
 Institute for Public Health, Malaysia

### T4:S20.43

The Effectiveness Of A Structured Weight Reduction Programme At Workplace Using A Multidisciplinary Approach

Abdul Manaf, Z\*<sup>1</sup>; Shahar, S; Ramli, A; Ibrahim, N; Rajikan, R; Abdul Aziz, N; Mohd Tauhid, N; Hamzah, Z; Mohd Hashim, S; Muthupalaniappen, L; Abd Rashid, R; Ismail, N; Kamadrudin, M  
 National University of Malaysia, Malaysia

### T4:S20.43

Relationship Between Sugary Food Intake With Body Mass Index And Dental Caries Experience Among Adults

Saw, W\*<sup>1</sup>; Nik Shanita, S<sup>1</sup>; Zahara, B<sup>1</sup>; Poh, B<sup>1</sup>; Tuti Ningseh, M<sup>2</sup>; Norimah, A<sup>1</sup>  
<sup>1</sup>School of Healthcare Sciences, Faculty of Health Science, Universiti Kebangsaan Malaysia, Malaysia; <sup>2</sup>Department of Dental Health, Faculty of Dentistry, Universiti Kebangsaan Malaysia, Malaysia

### TRACK 4: SESSION 22: Maternal state and fetal programming

### T4:S22.07

Improve Trial- Improving Maternal And Progeny Risk Of Obesity Via Exercise-A Randomised Controlled Trial On Effects Of Exercise In Pregnancy In Overweight And Obese Women And Their Offspring

Seneviratne, S\*<sup>1</sup>; Cutfield, W<sup>1</sup>; Mc Cowan, L<sup>2</sup>; Ekeroma, A<sup>2</sup>; Parry, G<sup>2</sup>; Gusso, S<sup>1</sup>; Jiang, Y<sup>2</sup>; Craige, S<sup>1</sup>; Peres, G<sup>1</sup>; Rodrigues, R<sup>1</sup>; Hofman, P<sup>1</sup>  
<sup>1</sup>Liggins Institute, University of Auckland, New Zealand; <sup>2</sup>University of Auckland, New Zealand

### T4:S22.08

Long Term Consequences Of In-vitro Fertilisation (IVF) On Adiposity And Glucose Metabolism In Adult Mice And Humans.

Heilbronn, L\*<sup>1</sup>; Chen, M; Wu, L; Wittert, G; Norman, R; Davies, M; Robker, R  
 The University of Adelaide, Australia

### T4:S22.09

Pregnancy Before And After Bariatric Surgery

Cuevas, A\*<sup>1</sup>; Farias, M; Barrera, C; Germain, A; Berry, M  
 Clinica Las Condes, Chile

### T4:S22.10

Screening And Diagnosis Of Gestational Diabetes: Impact Of Age, Bmi, And Adipokines

Soltani Yacine, S\*<sup>1</sup>; Mehaoudi Rym Ikram, M<sup>1</sup>; Oussekhri Hanane, O<sup>1</sup>; Soltani Yacine, S<sup>1</sup>; Tamdrari Djouhra, T<sup>2</sup>; Bendaoud Hafida, B<sup>3</sup>; Hamouli Zohra, H<sup>1</sup>; Niboucha Zohra, N<sup>1</sup>; Hadj Bekkouche Fatima, H<sup>1</sup>  
<sup>1</sup>Laboratory Of Biology And Physiology Of Organisms (Lbpo), Usthb, Faculty Of Biological Sciences, Bp32, Babezouar, 16111, Al, Algeria; <sup>2</sup>b- Mother-child clinic of Gue de Constantine, Algiers, Algeria; <sup>3</sup>c- High-risk pregnancies service- Department of gynecologyUniversity hospital centre Nafissa Hamoud, HusseinDey ( ex Parnet H, Algeria

### T4:S22.11

Neonatal Anthropometrics And Subsequent Degree Of Childhood Obesity Investigated By Dual Energy X-ray Absorptiometry

Lausten-Thomsen, U\*<sup>1</sup>; Nielsen, T; Holm, J  
 The Children's Obesity Clinic, Denmark

### TRACK 4: SESSION 23: Sleep and chronobiology

#### T4:S23.07

Short Sleep Duration And Obesity Among Children In Four Developing Countries From America, Asia And Africa: A Cross-Sectional Analysis.

Carrillo-Larco, R\*<sup>1</sup>; Miranda, J  
 CRONICAS Center of Excellence in Chronic Diseases, Universidad Peruana Cayetano Heredia, Lima, Peru., Peru

#### T4:S23.08

Association Of Sleep Disorders With Overweight And Obesity In A Portuguese Community Sample Of Adolescents

Pereira, C\*<sup>1</sup>; Amaral, M<sup>1</sup>; Veiga, N<sup>2</sup>  
<sup>1</sup>CI&DETS, Portugal; <sup>2</sup>Health Sciences Department - Universidade Católica Portuguesa, Portugal

#### T4:S23.09

Sleep Deprivation And Obesity Among Malay Children And Adolescents

Ang, Y\*<sup>1</sup>; Mahadir, A; Poh, B  
 Universiti Kebangsaan Malaysia, Malaysia

#### T4:S23.10

Do Screen Time And Sleep Duration Associated With Abdominal Obesity Among Children?

Woon, F\*<sup>1</sup>; Chin, Y; Rezali, F; Sanker, K; Mohd Taib, M  
 Universiti Putra Malaysia, Malaysia

## TRACK 5 – FROM LIFESTYLE INTERVENTION TO DRUGS AND SURGERY

### TRACK 5: SESSION 25: Lifestyle changing and maintaining

#### T5:S25.05

A weight management intervention for adults with intellectual disabilities and obesity

Spanos, D\*<sup>1</sup>; Melville, C; Hankey, C  
 University of Glasgow, United Kingdom

#### T5:S25.06

Weight Six Years After Childbirth: A Follow-up Of Obese Women In A Weight-gain Restriction Program

Claesson, I\*<sup>1</sup>; Josefsson, A; Sydsjo, G  
 IKE, Div of Obstetrics and Gynecology, Faculty of Health Sciences, Linköping University, Sweden

#### T5:S25.07

The Efficacy Of Self-weighing As A Standalone Weight Loss Intervention: Randomised Controlled Trial (SCALE DOWN)

Madigan, C\*<sup>1</sup>; Jolly, K<sup>1</sup>; Lewis, A<sup>2</sup>; Aveyard, P<sup>2</sup>; Daley, A<sup>1</sup>  
<sup>1</sup>University of Birmingham, United Kingdom; <sup>2</sup>University of Oxford, United Kingdom

#### T5:S25.08

Could The Effects Of An Early Childhood Obesity Prevention Trial Be Sustained 18 Months After The Intervention, With Children Aged 3.5 Years?

Wen, L\*<sup>1</sup>; Baur, L<sup>1</sup>; Rissel, C<sup>1</sup>; Simpson, J<sup>2</sup>  
<sup>1</sup>School of Public Health, University of Sydney, Australia; <sup>2</sup>University of Sydney, Australia

#### T5:S25.09

Daily Breakfast Consumption Is Favorably Associated With Obesity Measures And Health Behaviors Among Adolescents Living In Eight Major Cities In The GCC Countries

Al-Hazzaa, H\*<sup>1</sup>; Al-Sobayel, H<sup>1</sup>; Abahussain, N<sup>2</sup>; Qahwaji, D<sup>3</sup>; Al-Haifi, A<sup>4</sup>; Desoki, T<sup>5</sup>; Kilani, H<sup>6</sup>; Musaiger, A<sup>7</sup>; Kerkadi, A<sup>8</sup>  
<sup>1</sup>King Saud University, Saudi Arabia; <sup>2</sup>Education Ministry, Saudi Arabia; <sup>3</sup>King Abdulaziz University, Saudi Arabia; <sup>4</sup>College of Health Sciences, Kuwait; <sup>5</sup>Education Ministry, United Arab

Emirates; <sup>6</sup>Sultan Qaboos University, Oman; <sup>7</sup>Arab Center for Nutrition, Bahrain; <sup>8</sup>Qatar University, Qatar

#### T5:S25.10

Effect Of The Size Of The Psychotherapeutic Groups On Decreasing Of Body Mass

Tyutev, R\*<sup>1</sup>; Glebova, A; Chaykina, A  
 Doctor Bormental Weight Loss Center, Russian Federation

Assessing The 1-Year Long Effectiveness Of Psychotherapeutic Approaches To Weight Loss In Russia

Tyutev, R\*<sup>1</sup>; Pirogova, V  
 Doctor Bormental weight loss center, Russian Federation

#### T5:S25.12

Weight Reduction Psychotherapy In Russia: 1-year Long Effectiveness

Tyutev, R\*<sup>1</sup>; Bobrovskiy, A  
 Doctor Bormental weight loss center, Russian Federation

#### T5:S25.13

Eating 'attentively' Reduces Energy Consumption In Overweight And Obese Females

Higgs, S\*<sup>1</sup>; Kersbergen, I<sup>2</sup>; Robinson, E<sup>2</sup>  
<sup>1</sup>University of Birmingham, United Kingdom; <sup>2</sup>University of Liverpool, United Kingdom

#### T5:S25.14

Feasibility, Effectiveness, And Cost Of A Telephone-based Weight Loss Program Delivered Via A Hospital Outpatient Setting

Whelan, M\*<sup>1</sup>; Goode, A<sup>1</sup>; Eakin, E<sup>1</sup>; Veerman, J<sup>1</sup>; Winkler, E<sup>1</sup>; Hickman, I<sup>2</sup>; Reeves, M<sup>1</sup>  
<sup>1</sup>The University of Queensland, School of Population Health, Australia; <sup>2</sup>The Princess Alexandra Hospital, Nutrition and Dietetics Department; The Mater Medical Research Institute, Brisbane, Australia

#### T5:S25.15

Prevalence Of Metabolic Abnormalities And Association With Obesity Among Saudi College Students

Al Rowaily, M\*<sup>1</sup>; Mostafa, A. Abolfotouh, M<sup>2</sup>; Ibrahim, A. Al-Alwan, I<sup>2</sup>  
<sup>1</sup>King Abdulaziz Medical City, Saudi Arabia; <sup>2</sup>NGHA, Saudi Arabia

#### T5:S25.16

A Peer-supported, Collaborative Approach For Lifestyle-Based Management Of Hyperlipidemia In Children

McCrindle, B<sup>1</sup>; Chahal, N\*<sup>2</sup>; Manlhiot, C<sup>1</sup>  
<sup>1</sup>Sick Kids, Canada; <sup>2</sup>University Of Toronto, Canada, Canada

#### T5:S25.17

Preliminary Results From The Ten Top Tips (10TT) Trial: A Randomised Controlled Trial Of Habit-based Advice For Weight Control In Primary Care

Beeken, R\*<sup>1</sup>; Croker, H; Morris, S; Leurent, B; Omar, R; Nazareth, I; Wardle, J  
 University College London, United Kingdom

#### T5:S25.18

Effects Of Single Motivational Lecture In Promoting Weight Loss: Study Design And Interim Report Of A Randomised Controlled Trial

Nakata, Y\*<sup>1</sup>; Kobayashi, H; Hashimoto, K  
 Faculty of Medicine, University of Tsukuba, Japan

#### T5:S25.19

Low Calorie Diet Treatment In Primary Care - Preliminary Results On Weight And Health-related Quality Of Life After 6 Months

Sjolander, J\*<sup>1</sup>; Engfeldt, P<sup>1</sup>; Karlsson, J<sup>2</sup>  
<sup>1</sup>Family medicine Research Centre, Orebro County Council, Sweden; <sup>2</sup>Centre for Health Care Sciences, Orebro County Council, Sweden

#### T5:S25.20

Effects Of Intermittent Compared To Continuous Energy Restriction On Weight Loss And Diet Quality After One Year.

Clifton, P\*<sup>1</sup>; Jennifer B Keogh, J; Kristina Petersen, K; Pedersen, E;  
 University of South Australia, Australia

#### T5:S25.21

FOODcents: Improving Nutrition In Low SES Groups

Bailiff, S\*<sup>1</sup>; Pettigrew, S<sup>2</sup>; Pescud, M<sup>2</sup>; Pratt, S<sup>1</sup>  
<sup>1</sup>Cancer Council WA, Australia; <sup>2</sup>University of Western Australia, Australia

#### T5:S25.22

Effectiveness Of Lifestyle Modification Among People With Or Without Metabolic Syndrome

Sea, M\*<sup>1</sup>; Chan, S; Woo, J  
 The Chinese University of Hong Kong, Hong Kong

#### T5:S25.23

Medical Outcomes Of Cognitive Behavioural Therapy And Motivational Interviewing With Or Without Support Partners: Preliminary Findings

McAulay, C\*<sup>1</sup>; Swinbourne, J<sup>1</sup>; Rieger, E<sup>2</sup>; Catterson, I<sup>1</sup>  
<sup>1</sup>University of Sydney, Australia; <sup>2</sup>Australian National University, Australia

#### T5:S25.24

Patient Adherence And Weight Loss In A Physician-Supervised Weight Loss Program

Guzman, M\*<sup>1</sup>; Nguyen, J<sup>2</sup>; Schram, E<sup>2</sup>; Holub, C<sup>3</sup>; Imperial, E<sup>4</sup>; Zbella, E<sup>4</sup>; Shah Alvarez, S<sup>4</sup>  
<sup>1</sup>Nova Southeastern University, USA; <sup>2</sup>University of South Florida, USA; <sup>3</sup>San Diego State University, USA; <sup>4</sup>Medi-Weightloss, USA

#### T5:S25.25

Empowering Families To Shift Health, Not Weight: The Lifestyle Triple P Positive Parenting Program

Bartlett, J\*<sup>1</sup>  
 The University of Queensland, Australia

#### T5:S25.26

Maintaining Physical Activity During An Energy-restricted Diet Is As Beneficial For Insulin Sensitivity As Weight Loss Camps

S; Verhoef, S; Westerterp, K\*  
 Maastricht University, Netherlands

#### T5:S25.27

Operationalising A Multicomponent Multidisciplinary Approach To Obesity Management

Cochrane, A\*<sup>1</sup>; Dick, B<sup>2</sup>; Kavanagh, D<sup>1</sup>; Hills, A<sup>3</sup>; King, N<sup>1</sup>  
<sup>1</sup>Queensland University of Technology, Australia; <sup>2</sup>Interchange, Australia; <sup>3</sup>Mater Medical Research Institute, Australia

## TRACK 5 – FROM LIFESTYLE INTERVENTION TO DRUGS AND SURGERY

### T5:S25.28

Effectiveness Of Knowledge-based Interventions For Promoting Healthy Eating And Physical Activity Among Women In Beijing, China: A Quasi-Randomized Controlled Trial  
Yin, F<sup>1</sup>; Dai, X<sup>1</sup>; He, P<sup>1</sup>; He, G<sup>1</sup>; Wu, M<sup>1</sup>; Jiang, J<sup>2</sup>  
<sup>1</sup>Fudan University, China; <sup>2</sup>Beijing Dongcheng Maternal and Child Health Hospital, China

### T5:S25.29

Caloric Restriction With Meal-replacements Versus Conventional Food For Weight Loss: Similar Yet Different Challenges  
Lee, C<sup>1</sup>; Ratnasingam, J<sup>2</sup>; Vethakkan, S<sup>2</sup>; Chan, S<sup>2</sup>; Chee, W<sup>1</sup>  
<sup>1</sup>Department of Nutrition and Dietetics, International Medical University, Kuala Lumpur, Malaysia; <sup>2</sup>Department of Medicine, University of Malaya, Kuala Lumpur, Malaysia

### T5:S25.30

Does Sugar Craving Predict Sugar Intake? A Preliminary Finding From The Sugar Craving Assessment Tool (SCAT).  
Wan Mahmood, W<sup>1</sup>; Mamat, N<sup>1</sup>; Mat Sahari, N<sup>1</sup>; Mohd Abu Bakar, W<sup>1</sup>; Safii, N<sup>2</sup>  
<sup>1</sup>International Islamic University Malaysia, Malaysia; <sup>2</sup>Universiti Kebangsaan Malaysia, Malaysia

### T5:S25.31

Can A Relatively Low Intensity, Motivational Interviewing Based Intervention Maintain Weight Gain Prevention In Mid-age Women? Two-year Outcomes Of The 40-Something RCT.  
Williams, L<sup>1</sup>; Hollis, J<sup>2</sup>; Collins, C<sup>3</sup>; Morgan, P<sup>3</sup>  
<sup>1</sup>Griffith University, Gold Coast Campus, Australia; <sup>2</sup>Faculty of Health and Medicine, University of Newcastle, Australia; <sup>3</sup>Priority Research Centre in Physical Activity and Nutrition, University of Newcastle, Australia

### T5:S25.32

Adolescent Body Satisfaction-Pathways Of Association With Young Adult Overweight And Obesity: A Longitudinal Study  
Mamun, A<sup>\*</sup>  
The University of Queensland, Australia

### T5:S25.33

Factors Associated With Obesity: A Cross-sectional Survey Of Children Aged 6-12 Years In Shanghai, China  
He, G<sup>1</sup>; Li, L<sup>2</sup>; Shen, T<sup>1</sup>; Wen, L<sup>3</sup>; Wu, M<sup>1</sup>; He, P<sup>1</sup>; Wang, Y<sup>4</sup>; Qu, W<sup>1</sup>; Tan, H<sup>1</sup>  
<sup>1</sup>School of Public Health; Fudan University, China; <sup>2</sup>School of Public Health; Fudan University, China; <sup>3</sup>School of Public Health; University of Sydney, Australia; <sup>4</sup>Johns Hopkins Bloomberg School of Public Health, USA

### T5:S25.34

The Effects Of Video Games-based Intervention On Children's Obesity-related Behaviors: A Review  
WANG, J<sup>\*</sup>; LAU, W; ZHANG, Z  
Department of Physical Education, Hong Kong Baptist University, Hong Kong

### T5:S25.35

Facilitators Of Behaviour Change Within A Large Scale Weight Gain Prevention Trial.  
Kozica-Olenski, S<sup>1</sup>; Teede, H<sup>2</sup>; Ilic, D<sup>2</sup>; Harrison, C<sup>2</sup>; Lombard, C<sup>2</sup>  
<sup>1</sup>MCHRI, School of Public Health & Preventive Medicine, Monash University, Austria; <sup>2</sup>MCHRI, School of Public Health & Preventive Medicine, Monash University, Australia

### T5:S25.36

Energy Cost Of Posture Maintenance During Sitting And Standing In A Multi-ethnic Cohort: Are Energy-savers A Minority Or The Majority?  
Miles-Chan, J<sup>\*</sup>; Sarafian, D; Montani, J; Schutz, Y; Dulloo, A  
University of Fribourg, Switzerland

### T5:S25.37

Recruitment Strategies For A Weight Action Programme: Are GPs Referring?  
Peerbux, S<sup>\*</sup>; McRobbie, H; Myers-Smith, K; Hajek, P  
Wolfson Institute of Preventative Medicine, Queen Mary University of London, United Kingdom

### T5:S25.38

An Evaluation Of The Fresh Start Weight Project: Long-term Outcomes  
McRobbie, H<sup>1</sup>; Myers-Smith, K<sup>1</sup>; Homsey, C<sup>1</sup>; Hobart, V<sup>2</sup>; Watson,

R<sup>3</sup>; Betteridge, S<sup>4</sup>; Rendall, M<sup>4</sup>; Turnbull, L<sup>5</sup>; Hajek, P<sup>1</sup>  
<sup>1</sup>Wolfson Institute of Preventative Medicine, Queen Mary, University of London, United Kingdom; <sup>2</sup>Public Health Department, London Borough of Waltham Forest, United Kingdom; <sup>3</sup>Public Health Department, London Borough of Hackney, United Kingdom; <sup>4</sup>Homerton University Hospital NHS Foundation Trust, United Kingdom; <sup>5</sup>Central London Community Healthcare NHS Trust, United Kingdom

### T5:S25.39

A Randomised Controlled Trial To Test The Effectiveness Of A Brief Intervention For Weight Management In Primary Care. Short Title: BWeL (Brief Interventions For Weight Loss)  
Lewis, A<sup>1</sup>; Jolly, K<sup>2</sup>; Adab, P<sup>2</sup>; Daley, A<sup>2</sup>; Jebb, S<sup>1</sup>; Lycett, D<sup>3</sup>; Farley, A<sup>2</sup>; Aveyard, P<sup>1</sup>  
<sup>1</sup>University of Oxford, United Kingdom; <sup>2</sup>University of Birmingham, United Kingdom; <sup>3</sup>Coventry University, United Kingdom

### T5:S25.40

Predictors Of Attrition In A Outpatient Clinic- Based Weight Loss Programme: Jeddah - Saudi Arabia  
Hammed, S<sup>\*</sup>  
Glasgow University, United Kingdom

### T5:S25.41

Integrating Behaviour Change Techniques And Digital Technology For Dietitian Support In Weight Management Cases  
Wills, J<sup>1</sup>; Gemen, R<sup>1</sup>; Harricharan, M<sup>2</sup>; Barnett, J<sup>2</sup>; de Looy, A<sup>3</sup>  
<sup>1</sup>European Food Information Council, Belgium; <sup>2</sup>Bath University, United Kingdom; <sup>3</sup>University of Plymouth/EFAD, United Kingdom

### T5:S25.42

Development Of A Pilot Weight Control Registry In Australia  
Bonham, M<sup>1</sup>; Iacovou, M<sup>1</sup>; Arguelles, J<sup>2</sup>; Dordevic, A<sup>1</sup>; McCaffrey, T<sup>1</sup>; Truby, H<sup>1</sup>  
<sup>1</sup>Department of Nutrition and Dietetics, Monash University, Australia; <sup>2</sup>Jenny Craig Weight Loss Pty Ltd, Australia

### T5:S25.43

Sitting Time At Work And Marital Status: Novel Pre-treatment Predictors Of Weight Loss Success In Overweight And Obese Men  
Young, M<sup>1</sup>; Morgan, P<sup>1</sup>; Hollis, J<sup>1</sup>; Collins, C<sup>1</sup>; Teixeira, P<sup>2</sup>  
<sup>1</sup>University of Newcastle, Australia; <sup>2</sup>University of Lisbon, Portugal

### T5:S25.44

Development And Process Evaluation Of The LiveLighter® Obesity Campaign  
Swanson, M<sup>1</sup>; Pratt, I<sup>2</sup>; Szbiak, M<sup>1</sup>  
<sup>1</sup>Heart Foundation, Australia; <sup>2</sup>Cancer Council Western Australia, Australia

### T5:S25.45

Process Evaluation Of The SHED-IT Community Weight Loss Program For Men: Program Engagement And Its Association With Changes To Weight, Physical Activity And Dietary Intake  
Morgan, P<sup>\*</sup>; Scott, H; Young, M; Callister, R; Collins, C; Plotnikoff, R  
University of Newcastle, Australia

### T5:S25.46

Determinants Of Fruit And Vegetable Intakes In Toddlers.  
Koh, G<sup>1</sup>; Scott, J<sup>2</sup>; Daniels, L<sup>3</sup>; Woodman, R<sup>4</sup>; Kim, S<sup>4</sup>; Magarey, A<sup>1</sup>  
<sup>1</sup>Nutrition & Dietetics, School of Medicine, Flinders University, Australia; <sup>2</sup>Faculty of Health Sciences, Curtin University, Australia; <sup>3</sup>Institute of Health & Biomedical Innovation & School of Exercise & Nutrition Sciences, Queensland University of Technology, Australia; <sup>4</sup>Flinders Prevention, Promotion & Primary Health Care, General Practice, Flinders University, Australia

### T5:S25.47

Does The Rate Of Weight Loss Influence The Success Of Long Term Weight Maintenance?  
Purcell, K<sup>1</sup>; Sumithran, P<sup>1</sup>; Prendergast, L<sup>2</sup>; Bouniu, C<sup>1</sup>; Sgambellone, R<sup>1</sup>; Delbridge, E<sup>1</sup>; Proietto, J<sup>1</sup>  
<sup>1</sup>University of Melbourne, Australia; <sup>2</sup>La Trobe University, Australia

### T5:S25.48

Improvements In Biomarkers Of Type 2 Diabetes Risk Following A Home-based Lifestyle Intervention: The PULSE Randomised Controlled Trial - A Multi-component Type 2 Diabetes Prevention Program For Men  
Aguar, E<sup>\*</sup>; Morgan, P; Collins, C; Plotnikoff, R; Callister, R  
Priority Research Centre for Physical Activity and Nutrition, The University of Newcastle, Australia

### T5:S25.49

The Simultaneous Effects Of Sleep Deprivation And Coffee Caffeine Intake On Levels Of Appetite Related-hormones Leptin And Ghrelin In Healthy Iranian Adult Men  
Rasaei, B<sup>1</sup>; Norimah, A<sup>2</sup>; Ruzita, A<sup>2</sup>; Karandish, M<sup>3</sup>; Ismail, M<sup>4</sup>  
<sup>1</sup>school of Healthcare Sciences, Malaysia; <sup>2</sup>School of Healthcare Sciences, Faculty of Health Sciences, UKM, Malaysia; <sup>3</sup>Nutrition and Metabolic Diseases Research Center, Ahvaz Jundishapur University of Medical Sciences, Iran; <sup>4</sup>Nutrition and Dietetic Department, Faculty of Health Sciences, UiTM, Malaysia

### T5:S25.50

The Healthy Lifestyle Program (HeLP-her): Do Healthy Lifestyle Patterns Differ Between Regional And Metropolitan Dwelling Women?  
Harrison, C<sup>\*</sup>; Lombard, C; Kozika, S; Zoungas, S; Teede, H  
Monash University, Australia

### T5:S25.51

Health Basics: A Program That Leads To Making Healthy Choices Easy And Mindful  
Milkovich, L<sup>\*</sup>; Whitmore, B; Bouch, P  
Red Deer Primary Care Network, Canada

### T5:S25.52

Addiction Model Intervention For Obesity: A Smartphone App Pilot Study In Obese Youth  
Pretlow, R<sup>1</sup>; Stock, C<sup>2</sup>  
<sup>1</sup>eHealth International, USA; <sup>2</sup>Northwest University, USA

### T5:S25.53

Our Experience In Scientific Projects For Prevention Of

Obesity And Prediabetes. School Of Health For Children, Parents And Teachers (EPHE Project)  
Boyadjieva, N<sup>\*</sup>; Handjiev, S  
Department of pharmacology and toxicology, Medical Faculty, Medical University, Sofia, Bulgaria

### T5:S25.54

Long-term Intervention With Weight Loss In Patients With Concomitant Obesity And Knee Osteoarthritis: A Randomized Trial (The LIGHT Study) (ClinicalTrials.gov Identifier: NCT00938808).  
Christensen, P<sup>1</sup>; Bliddal, H<sup>2</sup>; Bartels, E<sup>2</sup>; Leeds, A<sup>3</sup>; Astrup, A<sup>1</sup>; Christensen, R<sup>2</sup>  
<sup>1</sup>Department of Nutrition, Exercise and Sports, University of Copenhagen, Denmark; <sup>2</sup>The Parker Institute, Dept. Rheum., Copenhagen University Hospital, Bispebjerg and Frederiksberg, Denmark; <sup>3</sup>University of Surrey and North London Obesity Surgery Service, Whittington and Central Middlesex Hospitals, United Kingdom

### T5:S25.55

Role Of Others In The Development And Experience Of Obesity Across The Life Course Of Men  
Van der Spuy, H<sup>1</sup>; De Klerk, H<sup>1</sup>; Wenhold, F<sup>1</sup>; Vogel, H<sup>2</sup>  
<sup>1</sup>University of Pretoria, South Africa; <sup>2</sup>University of South Africa, South Africa

### T5:S25.56

The HEBAT! Program: An Obesity Prevention Exploratory Cluster Randomized Controlled Trial  
Siti Sabariah Buhari, S<sup>1</sup>; Ruzita Abdul Talib, R<sup>2</sup>; Poh Bee Koon, P<sup>2</sup>  
<sup>1</sup>Universiti Teknologi Mara, Malaysia; <sup>2</sup>Universiti Kebangsaan Malaysia, Malaysia

### T5:S25.57

The Effect Of Nutrition Counselling And Self-help Resources On Body Weight And Quality Of Life In Overweight Men Treated For Prostate Cancer: The PROstate Cancer Weight MANagement (PRO-MAN) Trial  
MOHAMAD, H<sup>\*</sup>; Clark, J; Craig, L; N'Dow, J; Heys, S; McNeill, G  
University Of Aberdeen, United Kingdom

### T5:S25.58

Effects Of An 8-week Dance-type Exercise Program (Zumba) In Young Overweight And Obese Women  
Choo, Y; George, R<sup>\*</sup>  
Universiti Malaysia Sabah, Malaysia

### T5:S25.59

Weight Loss Intervention Before Total Knee Replacement. A Safety Study  
Liljensøe, A<sup>1</sup>; Laursen, J<sup>2</sup>; Bliddal, H<sup>3</sup>; Søballe, K<sup>1</sup>; Mechlenburg, I<sup>1</sup>  
<sup>1</sup>Orthopaedic Research Unit, Aarhus University Hospital, Denmark; <sup>2</sup>Department of Orthopaedics, Hospital of Southern Jutland, Denmark; <sup>3</sup>The Parker Institute, Copenhagen University Hospital at Frederiksberg, Denmark

### T5:S25.60

Developing A Combined Intervention (Physical Activity-Nutrition- Behavioral) For Obese Adolescents In Secondary Schools: Needs Assessment  
LAU, X<sup>1</sup>; POH, B<sup>1</sup>; RUZITA, A<sup>1</sup>; NG, L<sup>2</sup>; HAZIZI, A<sup>3</sup>; HUI, S<sup>4</sup>  
<sup>1</sup>Universiti Kebangsaan Malaysia, Malaysia; <sup>2</sup>Sunway University, Malaysia; <sup>3</sup>Universiti Putra Malaysia, Malaysia; <sup>4</sup>The Chinese University of Hong Kong, Hong Kong

### T5:S25.61

Television Viewing As A Risk Factor Of Obesity In Elementary School Children Of Yogyakarta, Indonesia  
Astitti, D<sup>1</sup>; Hadi, H<sup>1</sup>; Julia, M<sup>2</sup>  
<sup>1</sup>ACHEAF, Indonesia; <sup>2</sup>Paediatric department Dr. Sardjito General Hospital, Indonesia

### T5:S25.62

Associations Of Fat Mass And Fat Distribution With Television Viewing In Pre- And Post-Menopausal Chinese Women  
Ye, S<sup>1</sup>; Wei, C<sup>2</sup>; Zhu, S<sup>2</sup>  
<sup>1</sup>School of Public Health Zhejiang University, China; <sup>2</sup>Zhejiang University, China

### T5:S25.63

Increase Of Abdominal Obesity Has Ceased In Finland: Twenty-Five-Year Trends Of Waist Circumference From The National Finrisk Study  
Männistö, S<sup>\*</sup>; Laatikainen,

T; Harald, K; Borodulin, K; Jousilahti, P; Peltonen, M; Vartiainen, E  
National Institute for Health and Welfare, Finland

### T5:S25.64

Behavioural Weight Management Programmes: A Systematic Review Of Weight Regain After Programme End  
Johns, D<sup>1</sup>; Hartmann-Boyce, J<sup>2</sup>; Aveyard, P<sup>2</sup>; Langford, O<sup>2</sup>; Perera-Salazar, R<sup>2</sup>; Jebb, S<sup>1</sup>  
<sup>1</sup>Medical Research Council Human Nutrition Research, United Kingdom; <sup>2</sup>University of Oxford, United Kingdom

### T5:S25.65

The Efficacy And Safety Of 12 Weeks Weight Reduction Group Program Using Rice-based Vs. Regular Low Calorie Diet In Obese Taiwanese -A Randomized Controlled Trial  
Lin, W<sup>1</sup>; Hsu, H<sup>1</sup>; Weng, H<sup>2</sup>; Wu, S<sup>1</sup>; Li, P<sup>1</sup>; Hsu, W<sup>1</sup>; Liu, C<sup>1</sup>; Li, C<sup>1</sup>; Li, T<sup>2</sup>; Huang, H<sup>2</sup>; Wang, H<sup>2</sup>; Shih, C<sup>1</sup>; Huang, K<sup>3</sup>; Lin, C<sup>1</sup>  
<sup>1</sup>China Medical University Hospital, Taiwan; <sup>2</sup>China Medical University, Taiwan; <sup>3</sup>National Taiwan University Hospital, Taiwan

### T5:S25.66

Weight Loss On A Culturally Sensitive Healthy Weight Loss Programme In Urban Black Overweight/obese Zulu Women  
Kassier, S<sup>1</sup>; De Villiers, A<sup>2</sup>; Senekal, M<sup>3</sup>  
<sup>1</sup>University of KwaZulu-Natal, South Africa; <sup>2</sup>Medical Research Council, South Africa; <sup>3</sup>University of Cape Town, South Africa

### T5:S25.67

Physical Well-being Associated To Water Consumption In Adults  
Barquera, S<sup>\*</sup>; Espinosa, J; Monterrubio, E; Rivera, J  
National Institute Of Public Health - Insp, Mexico

### T5:S25.68

Rate Of Weight Loss With Liquid Formula Diets In Obese Patients With And Without Diabetes  
Leslie, W<sup>1</sup>; Taylor, R<sup>2</sup>; Lean, M<sup>1</sup>  
<sup>1</sup>University of Glasgow, United Kingdom; <sup>2</sup>Newcastle University, United Kingdom

## TRACK 5 – FROM LIFESTYLE INTERVENTION TO DRUGS AND SURGERY

**T5:S25.69**

Maintaining The Momentum And Motivation: Follow-up Study Of Health Basics Program Alumni  
Lorna, M\*; Whitmore, B; Thompson, D  
Red Deer Primary Care Network, Canada

**T5:S25.70**

Physical Exercise Reduces The Expression Of Rantes And Its CCR5 Receptor In The Adipose Tissue Of Obese Humans  
Dehbi, M\*<sup>1</sup>; Baturcam, E<sup>2</sup>; Abubaker, J<sup>3</sup>; Tiss, A<sup>3</sup>; Abu-Farha, M<sup>3</sup>; Khadir, A<sup>3</sup>; Al-Ghimlas, F<sup>3</sup>; Al-Khairi, I<sup>3</sup>; Cherian, P<sup>3</sup>; Elkum, N<sup>3</sup>; John, J<sup>3</sup>; Kavalakatt, S<sup>3</sup>; Lehe, C<sup>3</sup>; Warsame, S<sup>3</sup>; Dermime, S<sup>4</sup>  
<sup>1</sup>Qatar Biomedical Research Institute, Qatar; <sup>2</sup>Queensland Children's Medical Research Institute, University of Queensland, Brisbane, Queensland, Australia; <sup>3</sup>Dasman Diabetes Institute, Kuwait; <sup>4</sup>King Fahad Specialist Hospital, Dammam, Saudi Arabia

**T5:S25.71**

Impact Of A Recreational Soccer Program On Cardiometabolic Markers And Physical Fitness Components In Overweight Children  
Seabra, A\*<sup>1</sup>; Brito, J<sup>2</sup>; Rebelo, A<sup>3</sup>; Mota, J<sup>1</sup>; Pizarro, A<sup>1</sup>; Marques, E<sup>1</sup>; Teixeira, E<sup>1</sup>; Vale, S<sup>1</sup>; Abreu, S<sup>1</sup>; Seabra, A<sup>2</sup>; Vasconcelos, F<sup>3</sup>; Rêgo, C<sup>4</sup>; Krstrup, P<sup>5</sup>; Carvalho, M<sup>6</sup>  
<sup>1</sup>Research Centre of Physical Activity, Health and Leisure (CIAFEL), Faculty of Sport, University of Porto, Portugal, Portugal; <sup>2</sup>Research, Education, Innovation and Intervention in Sport (CIFID), Faculty of Sport, University of Porto, Portugal, Portugal; <sup>3</sup>Research, Education, Innovation and Intervention in Sport (CIFID), Faculty of Sport, University of Porto, Portugal, Portugal; <sup>4</sup>Center for Research in Health Technologies and Information Systems, Faculty of Medicine, University of Porto, Porto, Portugal, Portugal; <sup>5</sup>University of Copenhagen, Department of Nutrition, Exercise and Sports, Copenhagen Centre for Team Sport and Health, Copenhagen, Denmark; <sup>6</sup>Research Centre of Physical Activity, Health and Leisure (CIAFEL), Faculty of Sport, University of Porto, Portugal

**T5:S25.72**

Effect Of Health Education Program For Type 2 Diabetes Mellitus With Hba1c, Bmi (Body Mass Index) And Waist-To-Hip Circumference Ratio In Indonesia  
Lorensia, A\*<sup>1</sup>; Yudianto, A<sup>2</sup>; Kirtishanti, A<sup>1</sup>; Linggani, L<sup>1</sup>; Agustina, S<sup>1</sup>; Junita, L<sup>1</sup>  
<sup>1</sup>Faculty Pharmacy of University Surabaya, Indonesia; <sup>2</sup>Psychology Faculty of University Surabaya, Indonesia

**T5:S25.73**

Treatment Response Of A Psychological Group Treatment For Adolescents With Obesity  
Grønbaek, H\*<sup>1</sup>; Gylstorff, T  
The Children's Obesity Clinic, Department of Paediatrics, Holbæk University Hospital, Denmark

**T5:S25.74**

Obesity And BMI As A Prognostic Indicator Of Severity In Acute Pancreatitis  
KURTI, F\*<sup>1</sup>; Kreka, M<sup>1</sup>; Duni, A<sup>2</sup>; Taci, S<sup>1</sup>; Shpata, V<sup>2</sup>; Basho, J<sup>1</sup>  
<sup>1</sup>UHC Mother Theresa, Albania; <sup>2</sup>Faculty of Medical Technical Sciences, Albania

**T5:S25.75**

Depression, Anxiety, Stress And Binge Eating, And Other Psychological Markers Of Wellbeing In An Obese Population Seeking To Lose Weight  
McAulay, C\*<sup>1</sup>; Swinbourne, J<sup>2</sup>; Rieger, E<sup>3</sup>; Catterson, I<sup>2</sup>  
<sup>1</sup>Boden Institute, Australia; <sup>2</sup>Boden Institute, University of Sydney, Australia; <sup>3</sup>Psychology, Australian National University, Australia

**T5:S25.76**

The Impact Of A Web-delivered Dietary Intervention On Overweight And Obese Patients With Type 2 Diabetes  
Ramadas, A\*<sup>1</sup>; Quek, K<sup>1</sup>; Oldenburg, B<sup>2</sup>; Chan, C<sup>1</sup>; Zanariah, H<sup>3</sup>  
<sup>1</sup>Jeffrey Cheah School of Medicine & Health Sciences, Monash University Malaysia, Malaysia; <sup>2</sup>Faculty of Medicine, Nursing & Health Sciences, Monash University, Australia; <sup>3</sup>Hospital Putrajaya, Malaysia

**T5:S25.77**

What Women Want: A Survey Of Needs Of Women Related To Postpartum Weight Loss  
Collins, C\*<sup>1</sup>; Hutchesson, M<sup>2</sup>; Rollo, M<sup>1</sup>; MacDonald-Wicks, L<sup>3</sup>; Giglia, R<sup>4</sup>; Hauck, Y<sup>4</sup>; Burrows, T<sup>3</sup>  
<sup>2</sup>University of Newcastle, Australia; <sup>4</sup>Curtin University, Australia

**T5:S25.78**

Relationship Between Breakfast, Late Dinner And Obesity Among Urban Malaysian Youths In Klang Valley, Malaysia  
Ghazi, H\*<sup>1</sup>; Isa, Z<sup>2</sup>; Shamsuddin, K<sup>2</sup>; Mustafa, J<sup>2</sup>; Shah, S<sup>2</sup>; Ismail, A<sup>2</sup>; Ismail, I<sup>2</sup>  
<sup>1</sup>UKM Medical Centre, Iraq; <sup>2</sup>UKM Medical Centre, Malaysia

**T5:S25.79**

Healthy Kids Programme Malaysia Develops A Nutrition Education Package For Prevention Of Obesity Amongst Primary School Children  
karim, n\*<sup>1</sup>; Tee, E<sup>2</sup>; Hashim, Z<sup>2</sup>; Chin, Y<sup>3</sup>  
<sup>1</sup>universiti kebangsaan malaysia, Malaysia; <sup>2</sup>Nutrition Society of Malaysia, Malaysia; <sup>3</sup>Universiti Putra Malaysia, Malaysia

**T5:S25.80**

Lipid Lowering Effect Of Alternanthera Sessilis Red Azizah, O\*<sup>1</sup>; Amin, I<sup>2</sup>; Barakatun Nisak, M<sup>2</sup>  
<sup>1</sup>Universiti Putra Malaysia, Malaysia; <sup>2</sup>UPM, Malaysia

**T5:S25.81**

Behavioural And Metabolic Associations With BMI (Body Mass Index) In A Representative Population Living In Macau, China  
Ke, L\*<sup>1</sup>; Ho, J<sup>2</sup>; Gill, T<sup>1</sup>; Bauman, A<sup>1</sup>; Feng, J<sup>2</sup>; Li, Y<sup>3</sup>; Brock, K<sup>1</sup>  
<sup>1</sup>University of Sydney, Australia; <sup>2</sup>Macau Hypertension Alliance, Macau; <sup>3</sup>University of Maryland, USA

**T5:S25.82**

General Practice Weight Loss Clinic In Group Sessions With Multidisciplinary Approach  
Cao, T\*<sup>1</sup> Montague Farm Medical Centre, Australia

**T5:S25.83**

How Effective Are Lifestyle-based Weight Loss Interventions For Adults With Type 2 Diabetes? A Systematic Review And Meta-analysis  
Terranova, C; Lawler, S; Brakenridge, C; Eakin, E; Reeves, M\*  
The University of Queensland, Australia

**T5:S25.84**

Impact Of Different Kinds Of Physical Exercise On The Effects Of A Multidisciplinary Program Of Obesity Treatment On Physical Fitness  
Nardo Junior, N\*<sup>1</sup>; Lopera, C; Da Silva, D; Bianchini, J; Antonini, V; Locatelli, J; Moreira, A; Nardo, C  
UEM - State University of Maringa, Brazil

**T5:S25.85**

Validity And Reliability Of The Malay Version Of Treatment Self-Regulation Questionnaire (M-Tsrq) Among Obese People Attempting Weight Loss  
Mazapuspavina, M\*<sup>1</sup>; Mat Nasir, N<sup>1</sup>; Yusoff, K<sup>2</sup>; Bulgiba, A<sup>3</sup>  
<sup>1</sup>Primary Care Medicine, Faculty of Medicine UiTM Sungai Buloh, Malaysia; <sup>2</sup>Cardiology, Faculty of Medicine UiTM Sungai Buloh, Malaysia; <sup>3</sup>Julius Centre University of Malaya (JCU), Department of Social & Preventive Medicine, University of Malaya, Malaysia

**T5:S25.86**

Experiences Of Migration And The Determinants Of Obesity Among Recent Iranian Immigrants In Victoria, Australia  
Delavari, M\*<sup>1</sup>; Farrelly, A<sup>2</sup>; Renzaho, A<sup>3</sup>; Mellor, d<sup>1</sup>; Swinburn, B<sup>4</sup>  
<sup>1</sup>Deakin University, Australia; <sup>2</sup>Centre for Behavioural Research in Cancer, Australia; <sup>3</sup>Monash University, Australia; <sup>4</sup>University of Auckland, New Zealand

**T5:S25.87**

What Are The Perspectives On Obesity Problems Among Overweight And Obese Housewives? Experience In Malaysia  
Nor Azian, M\*<sup>1</sup>; Noor Safiza, M; Rashidah, A; Nur Shahida, A; Yeo, P; Cheong, S; Mala, M; Tahir, A  
Institute for Public Health, Malaysia

**T5:S25.88**

Understanding Barriers And Facilitators To Reduce Weight Among Overweight And Obese Housewives In Malaysia: What Are Their Thoughts?  
Nor Azian, M\*<sup>1</sup>; Nur Shahida, A; Noor Safiza, M; Rashidah, A; Cheong, S; Yeo, P; Mala, M; Chan, W; Wee, Y; Nor Azimah, A; Amira Nadiyah, A; Siti Adzina, A  
Institute for Public Health, Malaysia

**T5:S25.89**

Exercise As A Prescription In Managing NCD Risk Factors  
Nazma, S\*<sup>1</sup>; Fatanah, I<sup>1</sup>; Kamaliah, M<sup>1</sup>; Safurah, J<sup>1</sup>; Omar, M<sup>1</sup>; Indra, T<sup>1</sup>; Noor Aisyah, M<sup>1</sup>; Kan, W<sup>1</sup>; Nur Azzah, L<sup>1</sup>; Fararuziah, A<sup>1</sup>; Szazalina, M<sup>1</sup>; Farah Jihan, A<sup>1</sup>; Emelda, B<sup>1</sup>; Mohd Redza, A<sup>2</sup>; Mohd Nazri, M<sup>2</sup>; Ifa Ruziati, U<sup>1</sup>; Nur Syuhada, A<sup>2</sup>; Jeyamalar, P<sup>1</sup>; Fatimah, M<sup>1</sup>; Ruhaya, S<sup>1</sup>  
<sup>1</sup>Ministry of Health Malaysia, Malaysia; <sup>2</sup>Ministry of Youth and Sports, Malaysia

**T5:S25.90**

Efficacy Of Message: Measure Your Waist To 'Stop The Spread'  
Foley Nolan, C\*<sup>1</sup>; Faughnan, M  
safefood, Ireland

**T5:S25.91**

High Prevalence Of Overweight And Obesity Among Iranian Students In Malaysia: What Factor Should Be Blamed?  
Babazekri, L\*<sup>1</sup>; Hanafiah, H<sup>1</sup>; Zulkefli, N<sup>1</sup>; Azman, A<sup>1</sup>; Movahedi, A<sup>2</sup>  
<sup>1</sup>Department of Community Health, Faculty of Medicine & Health Sciences, Universiti Putra Malaysia, Malaysia; <sup>2</sup>Department of Nutrition & Dietetics, Faculty of Medicine & Health Sciences, Universiti Putra Malaysia, Malaysia

**T5:S25.92**

Outcomes Of "Obesogenic Environment Improvement" And "Public Service Promotion" Efforts In Zhongshan District, Taipei City Between 2011 And 2013  
Jung, S<sup>1</sup>; Chu, H<sup>1</sup>; Chien, C<sup>1</sup>; Lin, C<sup>2</sup>; Lin, S<sup>2</sup>; Sheu, F<sup>2</sup>; Lin, L<sup>2</sup>  
<sup>1</sup>Zhongshan District Health Center, Taipei City, Taiwan; <sup>2</sup>Department of Health, Taipei City Government, Taiwan

**T5:S25.93**

Crushing The Candy -- Improving Physical Activity Through A Gaming Pedometer  
Mathialagan, s\*<sup>1</sup>; Palaniyappan, p<sup>2</sup>; Veloo, v<sup>3</sup>  
<sup>1</sup>Universiti Utara Malaysia, Malaysia; <sup>2</sup>Hospital Raja Permaisuri Bainun, Malaysia; <sup>3</sup>Institute for Medical Research, Malaysia

**T5:S25.94**

Weight Management Programs Improved Weight Reduction And Glycemic Control In Overweight Or Obese Patients With Type 2 Diabetes  
Wu, T\*<sup>1</sup>; Chen, W<sup>1</sup>; Mao, I<sup>2</sup>; Tu, S<sup>2</sup>  
<sup>1</sup>Nutrition & Dietetics Division of the Lukang Branch of Changhua Hospital, Taiwan; <sup>2</sup>Metabolic Division of the Lukang Branch of Changhua Hospital, Taiwan

**T5:S25.95**

Implementation Results Of Beitou Community's Obesity Prevention Program  
Hui-Ping Lin, H<sup>1</sup>; Hui-Ya Lin, H<sup>1</sup>; Xu -Zhi Tai, X<sup>2</sup>; Hsiu-Yuan Liao, H<sup>1</sup>; Chi-Hung Lin, C<sup>3</sup>; Shiu-Lian Lin, S<sup>3</sup>; Li-Ju Lin, L<sup>3</sup>; Fang-Yuan Sheu, F<sup>3</sup>; Shu-Ping Peng, S<sup>3</sup>; Chung-Ying Lu, C<sup>3</sup>  
<sup>1</sup>Beitou District Health Center, Taipei City, Taiwan; <sup>2</sup>Department of Exercise and Health Promotion Chinese Culture University, Taiwan; <sup>3</sup>Department of Health, Taipei City Government, Taiwan

**T5:S25.96**

How To Reduce 500 Kcal Intake Per Day - My Plate  
Liu, Y\*<sup>1</sup>; Yang, W; Chiang, Y  
Public Health Bureau, Taoyuan County Government, Taiwan

**T5:S25.97**

Burn 50 Kcal Anytime-Taoyuan Aerobic Show Show Dance  
Liu, Y\*<sup>1</sup>  
Public Health Bureau, Taoyuan County Government., Taiwan

**T5:S25.98**

County-wide Wellness Campaign Promotes Healthy Behaviors  
Greer, B\*<sup>1</sup>; Cook Lawrence, J; Franck, K  
University of Tennessee, USA

**T5:S25.99**

Morbid Obesity In Taiwan: Prevalence, Time Trend, And Socio- Demographics.  
Chang, H\*<sup>1</sup>; Chang, H<sup>2</sup>; Yeh, C<sup>3</sup>; Pan, W<sup>4</sup>  
<sup>1</sup>The Graduate Institute of Life Sciences, National Defense Medical Center, Taiwan; <sup>2</sup>Institute of Population Health Sciences, National Health Research Institutes, Taiwan; <sup>3</sup>Department of Public Health, Chung Shan Medical University, Taiwan; <sup>4</sup>Institute of Biomedical Sciences, Academia Sinica, Taiwan

**T5:S25.100**

The Edmonton Obesity Staging System And Weight Loss In Patients Undergoing A Comprehensive Lifestyle Intervention Programme  
Finer, N\*<sup>1</sup>; Manning, S; Pucci, A  
UCLH Centre for Weight Loss, Metabolic and Endocrine Surgery, United Kingdom

**T5:S25.101**

Oligofructose Modulates Appetite And Energy Intake But Does Not Affect Adiposity In Obese Adults.  
Mat Daud, N\*<sup>1</sup>; Ismail, N<sup>2</sup>; Thomas, E<sup>2</sup>; Fitzpatrick, J<sup>2</sup>; Bell, J<sup>2</sup>; Frost, G<sup>2</sup>  
<sup>1</sup>National University of Malaysia (UKM), Malaysia; <sup>2</sup>Imperial College London, United Kingdom

**T5:S25.102**

Influence Of Sex, Ethnicity And Total Daily Energy Expenditure On Body Fat Percentage Among Early Adolescents In Selangor, Malaysia  
Chong, L\*<sup>1</sup>; Chin, Y; Woon, F; Mohd Nasir, M  
Universiti Putra Malaysia, Malaysia

**T5:S25.103**

Results From A Randomised Trial Of The Online Staying Fit Weight Management Program For Overweight Australian Adolescents  
Williams, J\*<sup>1</sup>; Taylor, C<sup>2</sup>; Romaniuk, H<sup>1</sup>; Taylor, K<sup>2</sup>; Sawyer, S<sup>1</sup>; Cini, K<sup>1</sup>  
<sup>1</sup>Murdoch Childrens Research Institute, Australia; <sup>2</sup>Stanford Medical Centre, USA

**T5:S25.104**

The Effects Of Dietary Management And Physical Activity On Adults With Metabolic Syndrome In A Rural District In Malaysia: An Intervention Study  
Wan Muda, W\*<sup>1</sup>; Wan Suriati, W; Lee, Y; Wan Suria, W  
Universiti Sains Malaysia, Malaysia

**T5:S25.105**

KASIH 2012: A Structured Group Nutrition Intervention Program For Overweight And Obese University Students  
Hamizah, Y\*<sup>1</sup>; Ruzita, A; Poh, B  
Universiti Kebangsaan Malaysia, Malaysia

**T5:S25.106**

Evaluation Of Vitamin's And Mineral's Intake At Overweight And Obese Patients  
Posea, M<sup>1</sup>; Dragomir, A<sup>2</sup>; Rusu, E<sup>1</sup>; Nan, R<sup>1</sup>; Dragut, R<sup>1</sup>; Popescu, H<sup>1</sup>; Stoicescu, F<sup>1</sup>; Teodoru, I<sup>1</sup>; Hancu, A<sup>2</sup>; Stoian, M<sup>2</sup>; Radulian, G\*<sup>1</sup>

<sup>1</sup>National Institute of Diabetes, Nutrition and Metabolic Diseases, Romania; <sup>2</sup>University of Medicine and Pharmacy "Carol Davila", Romania; <sup>3</sup>Clinical Hospital "Ion Cantacuzino", Bucharest, Romania

**TRACK 5: SESSION 40: Management across the lifespan**

**T5:S40.01**

Reproductive Stage Drives The Association Between Obesity And Asthma In Females  
Scott, H\*<sup>1</sup>; Gibson, P<sup>2</sup>; Garg, M<sup>1</sup>; Smart, J<sup>1</sup>; Wood, L<sup>1</sup>  
<sup>1</sup>University of Newcastle, Australia; <sup>2</sup>Hunter Medical Research Institute, Australia

**T5:S40.02**

Predictors Of Physical Function In Obese, Community Dwelling Older Persons.  
Haywood, C\*<sup>1</sup>; Lai, J<sup>2</sup>; Proietto, J<sup>1</sup>; Prendergast, L<sup>2</sup>  
<sup>1</sup>University of Melbourne, Australia; <sup>2</sup>Latrobe University, Australia

**T5:S40.03**

Are Resting Energy Expenditure And Fat Oxidation Increased In Response To Water Drinking? A Sham-Controlled Study In Men

## TRACK 5 – FROM LIFESTYLE INTERVENTION TO DRUGS AND SURGERY

And Women  
Charrière, N\*; Miles-Chan, J;  
Montani, J; Dulloo, A  
University of Fribourg, Switzerland

### T5:S40.04

Polysaccharides - Possibilities  
And Limitations In Influencing  
Metabolic Disorders  
Hlubik, P\*<sup>1</sup>; Stritecka, H<sup>1</sup>; Hlubik,  
J<sup>2</sup>

<sup>1</sup>University of Defence, Czech  
Republic; <sup>2</sup>Gerstner Laboratory,  
Faculty of Electrical Engineering,  
Czech Technical University in  
Prague, Czech Republic

### T5:S40.05

Tracking Of Discretionary Food  
Consumption In Infants And  
Toddlers.

Koh, G\*<sup>1</sup>; Daniels, L<sup>2</sup>; Magarey,  
A<sup>1</sup>

<sup>1</sup>Nutrition & Dietetics, School  
of Medicine, Flinders University,  
Australia; <sup>2</sup>Institute of Health &  
Biomedical Innovation & School  
of Exercise & Nutrition Sciences,  
Queensland University of  
Technology, Australia

### T5:S40.06

Fat Mass, Fat-free Mass And  
Skeletal Muscle Mass Among  
A Nationally Representative  
Sample Of Australian Adults:  
The Australian Diabetes, Obesity  
And Lifestyle Study (AusDiab)  
Strugnell, C\*<sup>1</sup>; Dunstan, D<sup>2</sup>;  
Magliano, D<sup>2</sup>; Zimmet, P<sup>2</sup>; Shaw,  
J<sup>2</sup>; Daly, R<sup>3</sup>

<sup>1</sup>School of Exercise and  
Nutrition Sciences, Deakin  
University, Australia; <sup>2</sup>Baker IDI  
Heart and Diabetes Institute,  
Australia; <sup>3</sup>Centre for Physical  
Activity and Nutrition Research,  
Deakin University, Australia

### T5:S40.07

Changing Distributions Of Body  
Size And Adiposity With Age  
Vlassopoulos, A\*; Combet, E;  
Lean, M  
University of Glasgow, United  
Kingdom

### T5:S40.08

Evaluation Of A Community  
Lifestyle Weight Management  
Programme Over More Than A  
Decade

Almuhtadi, Y\*; Almuhtadi, Y;  
Gately, P; Curtis, C  
Leeds Metropolitan University/  
MoreLife, United Kingdom

### T5:S40.09

Understanding Strategies To  
Facilitate Weight Maintenance  
Following A Residential Weight  
Loss Camp (RWLC): A Young  
Person's Perspective  
Sides, N\*; Gately, P; Curtis, C  
Leeds Metropolitan University/  
MoreLife, United Kingdom

### T5:S40.10

15 Years Of Delivering Children's  
Residential Weight Loss Camps  
(RWLC) In The UK  
Gately, P\*; Curtis, C  
Leeds Metropolitan University/  
MoreLife, United Kingdom

### T5:S40.11

Characteristics Of Individuals  
Attending A Community  
Specialist Weight Management  
Service (SWMS): Not So Simple.  
Curtis, C\*; Gately, P  
Leeds Metropolitan University/  
MoreLife, United Kingdom

### T5:S40.12

Changing Prevalence Of  
Obesity-Related Comorbidities  
With Age  
Vlassopoulos, A\*; Combet, E;  
Lean, M  
University of Glasgow, United  
Kingdom

## TRACK 6 – FROM HOME ENVIRONMENT TO SOCIETY: CAUSES AND CONSEQUENCES

### TRACK 6: SESSION 27: The exposome

#### T6:S27.05

Obesity And Labor Insertion  
Wulfsohn, R\*; Ravenna, M;  
Olkies, A  
Therapeutic Center Máximo  
Ravenna MD, Argentina

#### T6:S27.06

Reading The Mind Of The  
Child In Response To Exposure  
To The Food Environment:  
A Quantitative Survey On  
Malaysian Children's Attitudes  
Towards Food And Beverages  
Advertised On Television  
Ng, S\*<sup>1</sup>; Karupaiah, T<sup>1</sup>; Se, C<sup>1</sup>;  
Sahathevan, S<sup>1</sup>; Ezhumalai, M<sup>1</sup>;  
Ismail, M<sup>2</sup>; Chinna, K<sup>3</sup>; Kelly, B<sup>4</sup>  
<sup>1</sup>Universiti Kebangsaan Malaysia  
(UKM), Malaysia; <sup>2</sup>Universiti  
Teknologi MARA (UiTM),  
Malaysia; <sup>3</sup>University of Malaya,  
Malaysia; <sup>4</sup>University of  
Wollongong, Australia

#### T6:S27.07

AdShame - A Digital Advocacy  
Platform To Highlight The Need  
For Policy Reform Around  
Unhealthy Food Marketing To  
Children.  
Martin, J\*  
Obesity Policy Coalition,  
Australia

#### T6:S27.08

The Prevalence Of Excess  
Weight Gain, Imbalanced  
Dietary Intake, And Physical  
Inactivity Among Pregnant  
Women In Urban Areas Of China  
Szeto, I\*<sup>1</sup>; Ma, D<sup>2</sup>; Liu, F<sup>2</sup>; Ning,  
Y<sup>1</sup>; Li, W<sup>3</sup>; Zhang, Y<sup>2</sup>; Wang, P<sup>2</sup>  
<sup>1</sup>Nestle Research Center Beijing,  
China; <sup>2</sup>School of Public Health,  
Peking University, China; <sup>3</sup>Nestle  
Nutrition Institute China, China

#### T6:S27.09

Dietary Intake Of Australian  
Remote Children  
Liberato, S\*; Brimblecombe, J  
Menzies School of Health  
Research, Australia

#### T6:S27.10

Urbanization And Access  
To Care Do They Influence  
The Orientation Of Patients  
To A Surgical Or Medical  
Management Of Their Severe  
Obesity?  
Pigeyre, M\*; Nesslany, P;  
Verkindt, H; Raverdy, V; Caiazzo,

R; Romon, M; Pattou, F  
CHRU Lille, France

#### T6:S27.11

Determinants Of Obesity  
And Associated Population  
Attributable Fractions In South  
Africa: Empirical Evidence From  
A National Panel Survey, 2008-  
2012  
Sartorius, B\*<sup>1</sup>; Veerman, J<sup>2</sup>;  
Manyema, M<sup>3</sup>; Chola, L<sup>3</sup>;  
Hofman, K<sup>3</sup>  
<sup>1</sup>University Kwa Zulu Natal,  
South Africa; <sup>2</sup>University Of  
Queensland, Australia; <sup>3</sup>Wits  
School Of Public Health, South  
Africa

#### T6:S27.12

Trends In Obesity And Severe  
Obesity In Finland, 1978-2012  
Lundqvist, A\*<sup>1</sup>; Heliövaara,  
M<sup>1</sup>; Rissanen, A<sup>2</sup>; Knekt, P<sup>1</sup>;  
Lahti-Koski, M<sup>3</sup>; Männistö,  
S<sup>1</sup>; Böckerman, P<sup>4</sup>; Stenholm,  
S<sup>1</sup>; Jula, A<sup>1</sup>; Pietiläinen, K<sup>2</sup>;  
Koskinen, S<sup>1</sup>  
<sup>1</sup>National Institute for Health  
and Welfare, Finland; <sup>2</sup>Obesity  
Research Unit, Biomedicum,  
Helsinki, Finland; <sup>3</sup>Finnish Heart  
Association, Finland; <sup>4</sup>The  
Labour Institute for Economic  
Research, Finland

#### T6:S27.13

Trends In Body Mass Index  
For Urban Australian Adults  
According To Socioeconomic  
Position  
Gearon, E\*<sup>1</sup>; Backholer, K<sup>1</sup>;  
Magliano, D<sup>1</sup>; Stevenson, C<sup>2</sup>;  
Ball, K<sup>2</sup>; Beauchamp, A<sup>1</sup>; Peeters,  
A<sup>1</sup>  
<sup>1</sup>Baker IDI Heart and Diabetes  
Institute, Australia; <sup>2</sup>Deakin  
University, Australia

#### T6:S27.14

Longitudinal Changes On  
Individual Body Weight And  
Waist Circumference In Hong  
Kong Chinese  
Lam, T\*  
School of Public Health, The  
University of Hong Kong, Hong  
Kong

### TRACK 6: SESSION 42: Geographical and Social Determinants of Physical Activity

#### T6:S42.01

Associations Of Maternal  
Influences With Outdoor Play  
And Screen Time Of Two Year

Olds: Findings From The Healthy  
Beginnings Trial  
XU, H\*<sup>1</sup>; WEN, L<sup>1</sup>; RISSEL, C<sup>2</sup>  
<sup>1</sup>School of Public Health,  
University of Sydney, and Health  
Promotion Service, South  
Western Sydney & Sydney Local  
Health District, Australia; <sup>2</sup>School  
of Public Health, University of  
Sydney, Australia

#### T6:S42.02

A Review Of Adult Obesity  
Prevalence, Trends, Risk Factors  
And Epidemiologic Methods In  
Kuwait  
Karageorgi, S\*; Alsmadi, O;  
Behbehani, K  
Dasman Diabetes Institute,  
Kuwait

#### T6:S42.03

Stakeholder Views On Why  
Childhood Obesity Is Rising In  
China: A Qualitative Study  
Li, B\*<sup>1</sup>; Adab, P<sup>2</sup>; Cheng, K<sup>2</sup>  
<sup>1</sup>College of Medical and  
Dental Science, University  
of Birmingham, United  
Kingdom; <sup>2</sup>College of Medical  
and Dental Sciences, University  
of Birmingham, United Kingdom

#### T6:S42.04

Perceived Neighbourhood  
Environment And Non-exercise  
Physical Activity In Adolescents  
Ho, S\*<sup>1</sup>; Huang, R; Lo, W; Lam, T  
School of Public Health,  
University of Hong Kong, China

#### T6:S42.05

Neighbourhood Factors And  
The Development Of Obesity  
Among Canadian Children  
Tu, A\*<sup>1</sup>; Masse, L<sup>1</sup>; Lear, S<sup>2</sup>;  
Gotay, C<sup>1</sup>; Richardson, C<sup>1</sup>  
<sup>1</sup>University of British Columbia,  
Canada; <sup>2</sup>Simon Fraser  
University, Canada

#### T6:S42.06

Differences Between Women  
And Men In The Prevalence Of  
Obesity: A Product Of Gendered  
Society?  
Garawi, F\*; Devries, K;  
Thorogood, N; Uauy, R  
LSHTM, United Kingdom

#### T6:S42.07

Associations Of Muscular  
Fitness With Adiposity Index In  
Colombian Young Men  
Ramirez-Velez, R\*<sup>1</sup>; Correa, J<sup>2</sup>  
<sup>1</sup>Universidad Santo Tomás,  
Facultad de Cultura Física,

Deporte y Recreación,  
Bogotá, D.C, Colombia.,  
Colombia; <sup>2</sup>Centro de Estudios  
en Medición de la Actividad  
Física, Escuela de Medicina y  
Ciencias de la Salud, Universidad  
del Rosario, Colombia

#### T6:S42.08

The Influence Of Hand  
Dominance And Body Mass  
Index On Muscular Strength  
In Malaysian Adolescents: An  
Exploratory Study Of Malaysian  
Health And Adolescents  
Longitudinal Research Team(the  
MyHEART) Study  
Abdul Majid, H\*<sup>1</sup>; Su, T<sup>2</sup>; Darus,  
A<sup>3</sup>; Sim, P<sup>4</sup>; Jalaludin, M<sup>5</sup>;  
Murray, L<sup>6</sup>; Cantwell, M<sup>7</sup>; Al  
Sadat, N<sup>4</sup>; Hairi, N<sup>3</sup>  
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of Malaya, Malaysia; <sup>3</sup>Julius  
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and Preventive Medicine Faculty  
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Faculty of Medicine, University  
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for Public Health Queen's  
University of Belfast, United  
Kingdom; <sup>7</sup>Centre for Public  
Health Queen's University of  
Belfast, Malaysia

## TRACK 7 – FROM INDIVIDUAL CHOICE TO POPULATION PREVENTION: SOLUTIONS AND INTERVENTIONS

### TRACK 7: SESSION 30: Should we target specific ages?

#### T7:S30.05

12-year Trends In Obesity By Age And Educational Level In Mid-Sweden -- The Increase Is Levelling Off Among Young Adults But Socioeconomic Differences Persist  
Molarius, A<sup>1</sup>; Lindén-Boström, M<sup>2</sup>; Granström, F<sup>3</sup>; Karlsson, J<sup>4</sup>  
<sup>1</sup>Västmanland County Council, Sweden; <sup>2</sup>Örebro County Council, Sweden; <sup>3</sup>Centre for Clinical Research Sörmland, Sweden; <sup>4</sup>Örebro University Hospital, Sweden

#### T7:S30.06

Assessment Of The Nutritional Status Of Children Less Than 5 Yrs Of Age In Al Madinah Al Munawarah, Saudi Arabia  
el shikieri, a<sup>\*</sup>  
taibah university, Saudi Arabia

#### T7:S30.07

Body Image Dissatisfaction And Socio-Cultural Influences Among Adolescents Aged 15 -- 17 Years  
Sutan, R<sup>\*</sup>; popatlal, S  
Universiti Kebangsaan Malaysia, Malaysia

#### T7:S30.08

Protein Intake During Complementary Feeding Is Positively Associated With BMI Up To 3 Years Of Age.  
Pimpin, L<sup>1</sup>; Jebb, S<sup>1</sup>; Johnson, L<sup>2</sup>; Wardle, J<sup>3</sup>; Ambrosini, G<sup>1</sup>  
<sup>1</sup>MRC Human Nutrition Research, United Kingdom; <sup>2</sup>University of Bristol, United Kingdom; <sup>3</sup>University College London, United Kingdom

#### T7:S30.09

An Implementation Evaluation On An Infant Feeding Intervention To Prevent Childhood Obesity Through Mobile Phone Short Message Services  
Li, M<sup>1</sup>; Jiang, H<sup>2</sup>; Wen, L<sup>3</sup>; Hu, Q<sup>4</sup>; Yang, D<sup>4</sup>; He, G<sup>4</sup>; Dibley, M<sup>1</sup>; Baur, L<sup>5</sup>; Qian, X<sup>6</sup>  
<sup>1</sup>Sydney School of Public Health, the University of Sydney, Australia, Australia; <sup>2</sup>School of Public Health, Fudan University, Shanghai; Key Laboratory of Public Health Safety Ministry of Education, China, China; <sup>3</sup>Sydney School of Public Health, the University of Sydney;

Health Promotion Service, Sydney South West Area, Health Service, Australia; <sup>4</sup>School of Public Health, Fudan University, Shanghai; Key Laboratory of Public Health Safety, Ministry of Education, China, China; <sup>5</sup>Sydney School of Public Health, the University of Sydney; The Children's Hospital at Westmead, New South Wales, Australia, Australia; <sup>6</sup>School of Public Health Fudan University, Shanghai, China; Key Laboratory of Public Health Safety Ministry of Education, China, China

#### T7:S30.10

Do Fat Children Necessarily Become Fat Adults?  
Abdullah, M<sup>\*</sup>  
The University of Queensland, Australia

#### T7:S30.11

Family Socioeconomic Status And Participation Bias In The Swedish Idefics Health Survey Of Young Children: Implications For Health Promoting Interventions?  
Regber, S<sup>1</sup>; Novak, M<sup>2</sup>; Eiben, G<sup>1</sup>; Gwozdz, W<sup>3</sup>; Lissner, L<sup>1</sup>; Hense, S<sup>4</sup>; Zverková Sandström, T<sup>5</sup>; Ahrens, W<sup>4</sup>; Mårild, S<sup>6</sup>  
<sup>1</sup>Dep. of Public Health and Community Medicine, University of Gothenburg, Sweden; <sup>2</sup>Dep. of Molecular and Clinical Medicine, University of Gothenburg, Sweden; <sup>3</sup>Dep. of Intercultural Communication & Management, Copenhagen Business School, Frederiksberg, Denmark; <sup>4</sup>Dep. of Epidemiological Methods and Etiologic Research, (BIPS) Bremen, Germany; <sup>5</sup>Nordic School of Public Health NHV, Gothenburg, Sweden; <sup>6</sup>Dep. of Paediatrics, Institute of Clinical Sciences, University of Gothenburg, Sweden

#### T7:S30.12

'Catch Them Young' -Are Today's Young-Old Geriatrics More Obese? \*Vinaya Vaishampayan And \*Rabia Mistry Vaishampayan, V<sup>1</sup>; Mistry, R<sup>2</sup>  
<sup>1</sup>DR.B.M.N. College of Home Science, India; <sup>2</sup>DR. B.M. N. College Of Home Science, India

#### T7:S30.13

Very Young Children's Understanding Of Body Weight Change  
Baxter, S; Collins, S; Hill, A<sup>\*</sup>  
Leeds University School of Medicine, United Kingdom

#### T7:S30.14

Have Young Men Been Targeted To Change Risk Behaviours? A Scoping Review Of The Literature.  
Ashton, L<sup>1</sup>; Hutchesson, M<sup>2</sup>; Rollo, M<sup>2</sup>; Morgan, P<sup>3</sup>; Collins, C<sup>4</sup>  
<sup>1</sup>School of Health Sciences, PRC for Physical Activity and Nutrition. University of Newcastle, Callaghan Campus., Australia; <sup>2</sup>School of Health Sciences, PRC for Physical Activity and Nutrition. University of Newcastle, Callaghan Campus, Australia; <sup>3</sup>School of Education, PRC for Physical Activity and Nutrition. University of Newcastle, Callaghan Campus, Australia; <sup>4</sup>School of Health Sciences, PRC for Physical Activity and Nutrition. University of Newcastle, Callaghan Campus, Australia

#### T7:S30.15

Shifting Towards Overweight From Underweight Among Women In Bangladesh: A Meta-analysis  
Hoque, M<sup>\*</sup>; Mamun, D  
University of Queensland, Australia

#### T7:S30.16

Fighting Back: Can Counter-advertising Minimise The Effects Of Unhealthy Food Marketing On Pre-adolescent Children?  
Dixon, H<sup>1</sup>; Dixon, H<sup>1</sup>; Scully, M<sup>1</sup>; Kelly, B<sup>2</sup>; Chapman, K<sup>3</sup>; Donovan, R<sup>4</sup>; Wakefield, M<sup>1</sup>  
<sup>1</sup>Cancer Council Victoria, Australia; <sup>2</sup>University of Wollongong, Australia; <sup>3</sup>Cancer Council New South Wales, Australia; <sup>4</sup>Curtin University, Australia

#### T7:S30.17

The Stability Of Weight Status Through The Early To Middle Childhood Years In Australia  
Wheaton, N; Nichols, M<sup>\*</sup>; Millar, L; Allender, S  
Deakin University, Australia

#### T7:S30.18

Central Obesity And Nutritional Status In Community-Dwelling Old Taiwanese: An Obesity Paradox  
Chang, C<sup>1</sup>; Yang, S<sup>2</sup>; Chang, Y<sup>1</sup>; Liu, P<sup>3</sup>; Wu, S<sup>4</sup>; Chiu, C<sup>5</sup>; Jou, I<sup>6</sup>; Chen, C<sup>7</sup>; Wu, C<sup>1</sup>  
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of Medicine, College of Medicine, National Cheng Kung University,, Taiwan; <sup>3</sup>Department of Internal Medicine, National Cheng Kung University Hospital, Taiwan; <sup>4</sup>Department of Food and Nutrition, Chung Hwa University of Medical Technology, Taiwan; <sup>5</sup>Institute of Gerontology, National Cheng Kung University Medical College, Taiwan; <sup>6</sup>Department of Orthopedics, National Cheng Kung University Hospital, Taiwan; <sup>7</sup>Department of Community Medicine, St.Martin De Poress Hospital, Taiwan

#### T7:S30.19

Partnering And Parenting Transitions In Australian Adults: Associations With Changes In Weight, Diet And Physical Activity  
Venn, A<sup>\*</sup>; Gall, S; Dwyer, T; Smith, K  
Menzies Research Institute Tasmania, Australia

#### T7:S30.20

Developing Physical Activity Interventions For Sedentary Overweight And Obese Males: A Community-Based Participatory Research Study  
Loney, T<sup>1</sup>; Standage, M<sup>2</sup>; Gillison, F<sup>2</sup>; Thompson, D<sup>2</sup>  
<sup>1</sup>Institute of Public Health, United Arab Emirates; <sup>2</sup>Department for Health, University of Bath, United Kingdom

#### T7:S30.21

Milk Code Violation In Thai Hospitals  
Cetthakrikul, N<sup>1</sup>; Kunpurk, W<sup>1</sup>; Phulkerd, S<sup>1</sup>; Prakongsai, P<sup>1</sup>; Thammarangsi, T<sup>1</sup>; Thaichida, C<sup>2</sup>; Thopothai, T<sup>2</sup>  
<sup>1</sup>Health Promotion Policy Research Center, International Health Policy program, Thailand; <sup>2</sup>Department of Health, Ministry of Public Health, Thailand

#### T7:S30.22

Fanau FAB: Parent-focused Weight Management Programme For Pacific Children.  
Dewes, O<sup>\*</sup>; Sluyter, J; Scragg, R; Jiang, Y; Percival, T  
The University of Auckland, New Zealand

#### T7:S30.23

Snacking Patterns Among Young Children In The U.S.: What, When, Where And How Much?  
Deming, D<sup>\*</sup>; Reidy, K  
Nestle R&D, USA

#### T7:S30.24

Correlations Between Indices Of Cardiorespiratory Fitness (CRF) And Body Mass Index (BMI) Among Overweight/ Obese Malaysian Adolescents In Kuala Lumpur, Malaysia  
Ling, J<sup>\*</sup>; Zaharan, N; Nahar Mohamed, M  
University Of Malaya, Malaysia

#### T7:S30.25

The Impact Of An Australian Indigenous Community Governed Program Of Health Promotion On Key Risk Factors For Obesity: The Results Of The Many Rivers Diabetes Prevention Project  
Gwynn, J<sup>\*</sup>  
University of Newcastle Australia, Australia

#### T7:S30.26

Obesity Among The Elderly Malaysians  
Mahadevan, P<sup>\*</sup>; Rashid, A; Kumar, S  
Penang Medical College, Malaysia

#### T7:S30.27

Association Of Self-Perception Of Health Among Low And Middle Income Obese Elderly From Santiago, Chile  
Navarro-Rosenblatt, D<sup>1</sup>; Albala, C<sup>2</sup>; Dangour, A<sup>3</sup>; Uauy, R<sup>2</sup>  
<sup>1</sup>Imperial College London, United Kingdom; <sup>2</sup>University of Chile, Chile; <sup>3</sup>London School of Hygiene and Tropical Medicine, United Kingdom

#### T7:S30.28

Food Sources Of Saturated Fat And Added Sugar Among Young Children In The US: Data From The Feeding Infants And Toddlers Study (FITS) 2008  
Reidy, K<sup>\*</sup>; Deming, D  
Nestle R&D, USA

#### T7:S30.29

The Association Between Obesity And The Frailty Syndrome Among Malaysian Elderly People  
Badrasawi, M<sup>1</sup>; Suzana, S<sup>2</sup>; Zahara, A<sup>2</sup>; Devinder, K<sup>2</sup>  
<sup>1</sup>National university of malaysia, Malaysia; <sup>2</sup>UKM, Malaysia

#### T7:S30.30

The Effects Of Parent Involvement In Childhood Obesity Prevention Program  
Oh, y; Yang, y<sup>\*</sup>; Lee, h; Cho, a; Na, s; Lee, y; Ku, h; Hong, k  
Korea Health Promotion Foundation, Korea, Republic of

### TRACK 7: SESSION 32: Are workplace interventions useful?

#### T7:S32.06

Workplace Health Promotion Interventions Within The Context Of Men's Health In Northern British Columbia, Canada  
Shubair, M<sup>1</sup>; Chongo, M<sup>2</sup>; Reschny, J<sup>3</sup>  
<sup>1</sup>University of Northern British Columbia (UNBC), Canada; <sup>2</sup>University of Northern British Columbia, Zambia; <sup>3</sup>University of Northern British Columbia, Canada

#### T7:S32.07

HOW BENEFICIAL IS A MULTI-DISCIPLINARY WEIGHT MANAGEMENT CLINIC? N  
Haboubi, D Turner, S Syal, S Jones, J Gray, J Reynolds.  
Aneurin Bevan Weight Management Clinic Ebbw Vale, UK  
Haboubi, N<sup>\*</sup>  
Aneurin Bevan University Health Board, United Kingdom

#### T7:S32.08

The FOOD\* Programme: Healthy Eating Promotion At The Workplace (\*Fighting Obesity Through Offer And Demand)  
BERTRAND, N<sup>\*</sup>  
Edenred, Belgium

#### T7:S32.09

The Get On Track Challenge: An Effective Physical Activity And Healthy Eating Program For Workplaces  
Hurd, J<sup>\*</sup>; Mitchell, H; Hawkins, C; Douglas, E  
Diabetes WA, Australia

#### T7:S32.10

Obesity In Czech Army Forces -- How To Solve It  
Stritecka, H<sup>1</sup>; Hlubik, P<sup>2</sup>  
<sup>1</sup>University of Defence, Czech Republic; <sup>2</sup>University of Defence, Faculty of Military Health Sciences, Czech Republic

#### T7:S32.11

Are Workplaces An Appropriate Setting For Nutrition Promotion? A Systematic Review.  
Cook, A<sup>1</sup>; Teleni, L<sup>2</sup>; Allman-Farinelli, M<sup>1</sup>  
<sup>1</sup>The University of Sydney, Australia; <sup>2</sup>Queensland University of Technology, Australia

#### T7:S32.12

Pilot Study Of Information Communication Technology Based Weight Loss Program In Workplace  
Han, M<sup>1</sup>; Son, K<sup>1</sup>; Lee, H<sup>1</sup>; Kwon, H<sup>2</sup>; Cho, B<sup>1</sup>  
<sup>1</sup>Department of Family Medicine, Seoul National University Hospital, Korea, Republic of; <sup>2</sup>Department of Family Medicine, Seoul National University Hospital Healthcare System Gangnam Center, Seoul, Korea, Republic of

#### T7:S32.13

Effect Of Physical Activity Education By Pharmacists On Reducing The Risk Of Cardiovascular Disease In Men With Obesity: Before-After Study  
Aditama, L<sup>\*</sup>; Parfati, P; Rahmawati, R  
Faculty of Pharmacy, University of Surabaya, Indonesia

#### T7:S32.14

Weight Loss Intervention For Professional Truck Drivers  
Vash, P.D;Graff, C  
Lindora Clinic, USA

#### T7:S32.15

Workplace Health Promotion For Preventing And Managing Obesity: Results From 6 Months Intervention  
Appukutty, M<sup>1</sup>; Norimah, A<sup>2</sup>; Wan Nurussabah, A<sup>3</sup>; Zaiton, D<sup>3</sup>; Rokiah, D<sup>3</sup>; Ismail, M<sup>1</sup>  
<sup>1</sup>Universiti Teknologi MARA, Malaysia; <sup>2</sup>Universiti Kebangsaan Malaysia, Malaysia; <sup>3</sup>Nutrition Division, Ministry of Health, Malaysia

#### T7:S32.16

A School Health Program Effectiveness Of Self-Management Mechanism Strategies For Core-Capabilities Of Healthy Weight --An Elementary School Case In Central Taiwan  
Tseng, P<sup>1</sup>; Chang, H<sup>2</sup>; Chen, F<sup>3</sup>; Ling, D<sup>2</sup>  
<sup>1</sup>Tai-An Elementary School, Taiwan; <sup>2</sup>Tai-an Elementary School, Taichung, Taiwan, Taiwan; <sup>3</sup>Fu Jen Catholic University, Taiwan, Taiwan

#### T7:S32.17

The Effectiveness Of Workplace Exercise Interventions To Increase The Level Of Physical Activity Of Healthcare Workers In Public Hospitals, South Africa  
Skaal, L<sup>\*</sup>  
University of Limpopo, South Africa

## TRACK 8 – FROM EVIDENCE TO POLICY

### TRACK 8: SESSION 35: Health economics – how should we be measuring?

#### T8:S35.05

Perception Of Female Physical Attractiveness In Different Populations  
Wang, G<sup>1</sup>; Chima, G<sup>2</sup>; Faries, M<sup>3</sup>; Speakman, J<sup>1</sup>  
<sup>1</sup>Institute of Genetics and Developmental Biology, Chinese Academy of Sciences, China; <sup>2</sup>Department of Biochemistry, Michael Okpara University of Agriculture, Umudike, Nigeria; <sup>3</sup>Stephen F. Austin State University, Nacogdoches Texas, USA

#### T8:S35.06

Setting Priorities For Non-health Sector Policies To Address The Environmental Drivers Of Obesity  
Ananthapavan, J\*; Moodie, M; Carter, R; Sacks, G  
Deakin University, Australia

### TRACK 8: SESSION 38: The healthy environment

#### T8:S38.06

Association Of Maternal Short Stature With Child Stunting In Rural Communities Of Mexico.  
Laura, V\*; Mendoza, A; Thébar, E; Olvera, F  
Un Kilo de Ayuda A.C., Mexico

#### T8:S38.07

Coexistence Of Maternal Obesity And Child Stunting In Rural Communities Of Mexico  
Laura, V\*; Thébar, E; Mendoza, A; Olvera, F  
Un Kilo de Ayuda A.C., Mexico

#### T8:S38.08

Easing Access To Balanced Nutrition: The FOOD\* Programme (\*Fighting Obesity Through Offer And Demand)  
Bertrand, N\*  
Edenred, Belgium

#### T8:S38.09

Comprehensive Systems Thinking Evaluation In Healthy Living And Obesity Prevention: Challenges And Results From The Quebec Experience  
Lapierre, J<sup>1</sup>; Dumas, N<sup>2</sup>; De Wals, P<sup>2</sup>; Bisset, S<sup>2</sup>; Roy, G<sup>2</sup>; Dionne, M<sup>2</sup>; Prevost, J<sup>2</sup>  
<sup>1</sup>Nursing Faculty, Evaluation

Platform on Obesity Prevention, IUCPQ, Université Laval, Canada; <sup>2</sup>Evaluation Platform on Obesity Prevention, IUCPQ, Université Laval, Canada

#### T8:S38.10

Barriers And Facilitators To Healthy Eating Within The School And Community Environment From The Perspective Of Overweight And Obese Teens  
Watts, A<sup>1</sup>; Lovato, C<sup>1</sup>; Barr, S<sup>1</sup>; Hanning, R<sup>2</sup>; Masse, L<sup>1</sup>  
<sup>1</sup>University of British Columbia, Canada; <sup>2</sup>University of Waterloo, Canada

#### T8:S38.11

First Test And Implementation Of The Government Healthy Food Environment Policy Index To Increase Accountability And Stimulate Actions To Create Healthy Food Environments  
Vandevijvere, S\*; Swinburn, B  
University Of Auckland, New Zealand

#### T8:S38.12

Food Environments In New Zealand: Policies And Impacts On Health And Equity  
vandevijvere, s\*; Swinburn, B  
UNIVERSITY OF AUCKLAND, New Zealand

#### T8:S38.13

Healthy Co-Op Preventative Circles In Northern Isolated Inuit Communities: An Empowering Strategy For Socioenvironmental Changes Promoting Healthy Norm Changes And Facilitating Healthy Choices  
Lapierre, J<sup>1</sup>; Theoret, L<sup>2</sup>; Hamilton, S<sup>3</sup>; Sokchiveneath, C<sup>3</sup>; Boucher, J<sup>2</sup>; Ndengeyngoma, A<sup>2</sup>  
<sup>1</sup>Université Laval, Evaluation Platform on Obesity Prevention, Canada; <sup>2</sup>Université du Québec en Outaouais, Canada; <sup>3</sup>Fédération des Coopératives du Nouveau-Québec, Canada

#### T8:S38.14

Design Of CIAO, A Comprehensive Research Program To Support The Development Of An Integrated Approach To Prevent Overweight In Children In The Netherlands  
Van Koperen, T<sup>1</sup>; Van der Kleij, M<sup>2</sup>; Renders, C<sup>1</sup>; Crone, M<sup>2</sup>; Ruiter, E<sup>3</sup>; Van de Gaar, V<sup>4</sup>;

Seidell, J<sup>1</sup>; Schuit, A<sup>5</sup>  
<sup>1</sup>VU University Amsterdam, Netherlands; <sup>2</sup>Leiden University Medical Centre, Netherlands; <sup>3</sup>University Medical Centre St. Radboud, Netherlands; <sup>4</sup>Erasmus University, Netherlands; <sup>5</sup>National Institute for Public Health and the Environment (RIVM), Netherlands

#### T8:S38.15

Moving Social Housing To A Community Mobilization Synergistic Process Inseparably Linking Healthy Living Habits To Healthy Habitats With Vulnerable Families  
Lapierre, J<sup>1</sup>; Boucher, J<sup>2</sup>  
<sup>1</sup>Université Laval, Faculté des Sciences infirmières, Canada; <sup>2</sup>Université du Québec en Outaouais, Canada

#### T8:S38.16

Knowledge Gap In Policy Development - Tapping Malaysian Parental Perception Towards Television Food Marketing As Valued Consumer Opinion  
Ng, S<sup>1</sup>; Karupaiah, T<sup>1</sup>; Se, C<sup>1</sup>; Sahathevan, S<sup>1</sup>; Ezhumalai, M<sup>1</sup>; Sameeha, M<sup>1</sup>; Ismail, M<sup>2</sup>; Chinna, K<sup>3</sup>; Kelly, B<sup>4</sup>  
<sup>1</sup>Universiti Kebangsaan Malaysia (UKM), Malaysia; <sup>2</sup>Universiti Teknologi MARA (UiTM), Malaysia; <sup>3</sup>University of Malaya, Malaysia; <sup>4</sup>University of Wollongong, Australia

#### T8:S38.17

"More Than Just A Meal In A Box..." Early Findings From The Evaluation Of Jamie's Ministry Of Food Australia Program.  
Herbert, J<sup>1</sup>; Gibbs, L<sup>2</sup>; Moodie, M<sup>1</sup>  
<sup>1</sup>Deakin University, Australia; <sup>2</sup>University of Melbourne, Australia

#### T8:S38.18

A Coordinated School-Health Approach In The Prevention Of Child Obesity Amongst Emirati Adolescents: A UNICEF Led Programme  
Haroun, D\*  
Zayed University; UNICEF Gulf Area Office, United Arab Emirates

#### T8:S38.19

Health Inequalities In Energy Balance-related Behaviours Among Schoolchildren Across

Europe: Baseline Results Of The EU "EPODE For The Promotion Of Health Equity" (EPHE) Project.  
Mantziki, K<sup>1</sup>; Vassilopoulos, A<sup>2</sup>; Radulian, G<sup>3</sup>; Borys, J<sup>4</sup>; Gregorio, M<sup>5</sup>; Graca, P<sup>5</sup>; De Henauw, S<sup>6</sup>; Handjiev, S<sup>7</sup>; Visscher, T<sup>8</sup>; Seidell, J<sup>1</sup>

<sup>1</sup>VU University of Amsterdam, Netherlands; <sup>2</sup>Agricultural University of Athens, Greece; <sup>3</sup>University of Medicine and Pharmacy Bucharest, Romania; <sup>4</sup>Proteins, France; <sup>5</sup>University of Porto, Portugal; <sup>6</sup>University of Ghent, Belgium; <sup>7</sup>Bulgarian Association for the Study of Obesity and Related Diseases (BASORD), Bulgaria; <sup>8</sup>Windesheim, Netherlands

#### T8:S38.20

Community Empowerment Models Making A Difference In Reducing Childhood Obesity In The USA Of America  
Thompson, M\*  
PolicyLink, USA

#### T8:S38.21

The Potential Impact On Obesity Of Taxing Sugar-sweetened Drinks In South Africa  
Veerman, L<sup>1</sup>; Manyema, M<sup>2</sup>; Chola, L<sup>2</sup>; Tugendhaft, A<sup>2</sup>; Sartorius, B<sup>2</sup>; Hofman, K<sup>2</sup>  
<sup>1</sup>The University of Queensland, Australia; <sup>2</sup>University of the Witwatersrand, South Africa

#### T8:S38.22

Assessing Quality And Needs Of Community-Based Programmes For Obesity Prevention  
Pettigrew, S<sup>1</sup>; Borys, J<sup>2</sup>; Ruault du Plessis, H<sup>2</sup>; Walter, L<sup>2</sup>; Huang, T<sup>3</sup>; Levi, J<sup>4</sup>; Vinck, J<sup>5</sup>  
<sup>1</sup>University of Western Australia, Australia; <sup>2</sup>EPODE International Network, France; <sup>3</sup>Nebraska Medical Center, USA; <sup>4</sup>Trust for America's Health, USA; <sup>5</sup>Hasselt University, Belgium

#### T8:S38.23

Seven Keys Of Sustainability For Childhood Obesity Prevention: A Twenty-year-long Experience  
Finch, H; Ruault du Plessis, H; Harper, P; Richard, P; Borys, J\*  
EPODE International Network, Belgium

#### T8:S38.24

Body Weight Status Among Government Employees In

Putrajaya, Malaysia.  
Abu Saad, H<sup>1</sup>; Chee, H<sup>2</sup>; Mohd Nasir, M<sup>3</sup>; Barakatun Nisak, M<sup>4</sup>  
<sup>1</sup>Universiti Putra Malaysia, Malaysia; <sup>2</sup>HP, Malaysia; <sup>3</sup>T, Malaysia; <sup>4</sup>Y, Malaysia

#### T8:S38.25

Stakeholders' Views Of Beverage Taxation Policy In Thailand  
Phulkerd, S\*  
International Health Policy Program Foundation, Thailand

#### T8:S38.26

Evaluation And Future Improvement Of GDA Nutrition Labeling In Thailand  
Phulkerd, S\*  
International Health Policy Program Foundation, Thailand

#### T8:S38.27

Applying Nutrient Profile To Address Obesity In Thailand: Another Block In The Long Bumpy Road  
Pongutta, S\*  
International Health Policy Program Foundation, Thailand

#### T8:S38.28

Healthy Places: Obesity Prevention In The Local Environment  
Graff, H<sup>1</sup>; Mitchell, C<sup>2</sup>  
<sup>1</sup>UK Health Forum, United Kingdom; <sup>2</sup>University of Oxford, United Kingdom

#### T8:S38.29

Factors Associated With Burden Metabolic Syndrome Diseases In Urban Brazilian Population: A Multilevel Analysis  
Matozinhos, F<sup>1</sup>; Gomes, C<sup>1</sup>; Mendes, L<sup>2</sup>; Pessoa, M<sup>1</sup>; Velasquez-Melendez, G<sup>1</sup>  
<sup>1</sup>Universidade Federal de Minas Gerais, Brazil; <sup>2</sup>Universidade Federal de Juiz de Fora, Brazil

#### T8:S38.30

Maximising The Minimum: \$0.4 A Day Budget For School Food Program In Thailand  
Kunpeuk, W<sup>1</sup>; Cettthakrikul, N<sup>1</sup>; Udomkarnjananan, S<sup>1</sup>; Phulkerd, S<sup>1</sup>; Thamarangsi, T<sup>2</sup>  
<sup>1</sup>Food And Nutrition Policy For Health Promotion, Thailand, Thailand; <sup>2</sup>Health Promotion Policy Research Center, Thailand

#### T8:S38.31

The Complex Profiles Of Household Food Insecurity Risk By BMI Class: Results From Portuguese Family Surveys (2011-2013)  
Gregorio, M<sup>1</sup>; Nogueira, P<sup>2</sup>; Graca, P<sup>3</sup>  
<sup>1</sup>Faculty of Nutrition and Food Sciences of University of Porto, Portugal; <sup>2</sup>Directorate-General of Health, Portugal; <sup>3</sup>Directorate-General of Health; Faculty of Nutrition and Food Sciences of University of Porto, Portugal

#### T8:S38.32

Impact Of Urban Neighbourhood Social Environment On Obesity - A Systematic Review Of The Literature  
Rutter, H<sup>1</sup>; Glonti, K<sup>1</sup>; Mackenbach, J<sup>2</sup>  
<sup>1</sup>LSHTM, United Kingdom; <sup>2</sup>VUMC, Netherlands

#### T8:S38.33

Simulated Impact Of A Staple Foods Policy On Childhood Obesity In A Low Income Urban Environment  
Gittelsohn, J\*; Mui, Y; Oke, J; Lee, B; Anderson Steeves, E; Igusa, T  
Johns Hopkins Bloomberg School of Public Health, USA

#### T8:S38.34

Are Foods That Carry Health And Nutrition Claims Healthier Than Those That Do Not?  
Rayner, M\*; Kaur, A; Scarborough, P  
University of Oxford, United Kingdom

#### T8:S38.35

Primary Care Partners With Community In Making Investment For Lifelong Health Return  
Milkovich, L\*; Whitmore, B; Bouch, P  
Red Deer Primary Care Network, Canada

#### T8:S38.36

A Systematic Review Of Associations Between Obesogenic Environments And Childhood Obesity In Asia  
Sharif, R<sup>1</sup>; Reilly, J<sup>2</sup>  
<sup>1</sup>Universiti Kebangsaan Malaysia, Malaysia; <sup>2</sup>University of Strathclyde, United Kingdom

#### T8:S38.37

Body Composition Parameters Measured By BIA Method And Change In Dependence On Conditions  
Hlubik, J<sup>1</sup>; Hlubik, P<sup>2</sup>; Lhotska, L<sup>1</sup>  
<sup>1</sup>Czech Technical University in Prague, Czech Republic; <sup>2</sup>Faculty of Military Health Sciences University of Defence, Czech Republic

#### T8:S38.38

Effectiveness Of Calorie Accounting As A Health Promotion Tool In Supermarkets  
Hansen, G\*; Sommer, I; Toettenborg, S  
Danish Cancer Society, Denmark

#### T8:S38.39

Effectiveness Of The Intervention Program For Improving Obesity Environments In Taipei City  
LU, C\*; PENG, S; SHEU, F; LIN, L; LIN, H; LIN, C  
Department of Health, Taiwan

#### T8:S38.40

Overweight And Obesity: Prevalence And Associated Factors Among Women In Three Different Areas In The Gaza Strip-Palestine  
Wan Muda, W<sup>1</sup>; El Kishawi, R<sup>1</sup>; Soo, K<sup>1</sup>; Abed, Y<sup>2</sup>  
<sup>1</sup>Universiti Sains Malaysia, Malaysia; <sup>2</sup>Al Quuds University, Palestinian Territory, occupied

#### T8:S38.41

Fighting Against Obesity: A Nationwide Initiative In Taiwan  
Chiou, S\*; Chen, Y; Huang, L; Chen, Y; Huang, T; Wei, J; Pan, W  
Health Promotion Administration, Ministry of Health and Welfare, Taiwan

#### T8:S38.42

Successful Obesity Prevention Program In Taitung County, Taiwan  
Lu, D\*; Lin, C  
Taitung County Public Health Bureau, Taiwan

#### T8:S38.43

Understanding Main Motives In Food Choices In The Mexican Urban Settings.  
Alcalde-Rabanal, J; Carriedo, A; Nieto, C; Mena, C; Monterubio,

E; Barquera, S\*  
Instituto Nacional de Salud Publica, Mexico

# SCIENTIFIC PROGRAMME / TUESDAY 18TH MARCH

## TUESDAY 18TH MARCH / SCIENTIFIC PROGRAMME OVERVIEW

07:45 - 09:00	<b>Sponsored Symposium Session: AOASO and World Obesity</b> Emerging issues for obesity in the Asia-Oceania region Conference Hall 1		09:00 - 10:00	<b>Plenary – Wertheimer Award Molecular Physiology Of The Weight-reduced State</b> <i>R. Leibel</i> Chair(s): David York (UK) Conference Hall 2		10:00 - 10:30	<b>Refreshment Break</b> Room: Ballroom	
10:30 - 12:30	<b>Track 1: Session 2:</b> Neuroscience – appetite control and nutrient sensing Conference Hall 3	<b>Track 2: Session 9:</b> Gut microbiome – what role in obesity? Plenary Theatre	<b>Track 3: Session 14:</b> Children and obesity – when does metabolic risk translate? Conference Hall 1	<b>Track 5: Session 25:</b> Lifestyle changing and maintaining Conference Hall 2	<b>Track 8: Session 35:</b> Health economics – how should we be measuring? Meeting Room 304 + 305			
10:30 - 12:30	<b>New Investigator Award</b> Sponsored by Novo Nordisk A/S Room: 306			12:30 - 14:30	<b>Lunch and Poster Session</b> Grand Ballroom			
14:30 - 16:15	<b>Track 1: Session 4:</b> Adipose tissue development Conference Hall 2	<b>Track 2: Session 11:</b> Nutrigenetics and nutrigenomics Plenary Hall	<b>Track 3: Session 19:</b> NAFLD Meeting Room 304 + 305	<b>Track 7: Session 32:</b> Are workplace interventions useful? Conference Hall 3				
16:15 - 16:45	<b>Refreshment Break</b> Grand Ballroom			16:45 - 17:30	<b>Plenary - Obesity Prevention Policies In Low And Middle Income Countries (LMIC's)</b> <i>B. Popkin</i> Chair: Philip James (UK) Conference Hall 2			
17:30 - 19:00	<b>Debate Session - Hard or Soft Policies?</b> Room: TBC		17:30 - 19:00	<b>Sponsored Symposium session: Cambridge Weight Plan</b> Evidence based weight loss and maintenance with formula diet Conference Hall 1		17:30 - 19:00	<b>Sponsored Symposium session: EPODE and World Obesity Policy &amp; Prevention (formerly IOTF)</b> Community-Based Interventions for Obesity Prevention Meeting Room 304+305	
17:30 - 19:00	<b>Sponsored Symposium: Danone Research</b> Assessing the impact of hydration on public Health Issues of Obesity Conference Hall 3		17:30 - 19:00	<b>Sponsored Symposium: Beneo</b> Weight Management and the role of carbohydrates Plenary Theatre		17:45 - 19:00	<b>Sponsored Symposium: International Medical Press</b> Integrated Strategies for Weight Management Conference Hall 2	

## TUESDAY 18TH MARCH / SCIENTIFIC PROGRAMME

### 07:45 - 09:00

**Sponsored Symposium Session: AOASO and World Obesity** Emerging issues for obesity in the Asia-Oceania region

**Room:** Conference Hall 1

07:45 AS:06	<b>Circadian Variation Of Gastric Vagal Afferent Satiety Signals Are Abolished By Diet Induced Obesity</b> <i>S. Kentish<sup>1</sup>; T.A. O'Donnell<sup>1</sup>; D.J. Kennaway<sup>2</sup>; G.A. Wittert<sup>1</sup>; A.J. Page<sup>1</sup></i> <sup>1</sup> University of Adelaide, Australia; <sup>2</sup> University of Adelaide, Australia
08:00 AS:07	<b>Curvilinear Associations Of Irregular Sleep Patterns With Glycemic Control In Type 2 Diabetes -- Results From The Hong Kong Diabetes Registry</b> <i>J. Zhang</i> The Chinese University of Hong Kong, Hong Kong
08:15 AS:08	<b>Association Between Single-nucleotide Polymorphisms (SNPs) Of Adiponectin (ADIPOQ) Gene With Obesity Risk In Malay Children</b> <i>C.T.W. Teh<sup>1</sup>; P.N. Chong<sup>2</sup>; N. Nurul Adibah<sup>1</sup>; B.K. Poh<sup>2</sup>; J. Rahman<sup>1</sup>; W.N. Wan Zurinah<sup>1</sup></i> <sup>1</sup> Ukm Medical Molecular Biology Institute, Universiti Kebangsaan Malaysia, Malaysia; <sup>2</sup> Nutritional Sciences Programme, School Of Healthcare Sciences, Universiti Kebangsaan Malaysia, Malaysia
08:30 AS:09	<b>Bariatric Surgery Update 2013; 5-year Single Center Experience In South Korea</b> <i>K. Yong Jin</i> Soonchunhyang University Seoul Hospital, Korea, Republic of
08:45 AS:10	<b>Transient Receptor Potential Channel-mediated Activation And Recruitment Of Brown Adipose Tissue In Humans</b> <i>T. Yoneshiro<sup>1</sup>; M. Matsushita<sup>2</sup>; M. Saito<sup>2</sup></i> <sup>1</sup> Hokkaido University, Japan; <sup>2</sup> Tenshi College, Japan

### 09:00 - 10:00

**Plenary – Wertheimer Award**

**Room:** Conference Hall 2

**Chair:** David York (UK)

09:00 PL:02	<b>Molecular Physiology Of The Weight-reduced State</b> <i>R. Leibel</i> Columbia University, USA
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### 10:00 - 10:30

10:00 - 10:30	<b>Refreshment Break</b> <b>Room:</b> Grand Ballroom
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### 10:30 - 12:30

**T1:S2: Neuroscience – appetite control and nutrient sensing**  
**Chair(s):** Andrew McAinch (AUS)

**Room:** Conference Hall 3

10:30 T1:S2.01	<b>Gut-brain Axis As Mediators Of The Effects Of Bariatric Surgery</b> <i>R. Seeley</i> University of Cincinnati
11:00 T1:S2.02	<b>Central Mechanisms Of Nutrient Sensing</b> <i>M-S, Kim</i> Asan Medical Centre, Republic of Korea
11:30 T1:S2.03	<b>Hypothalamic Inflammation And Appetite</b> <i>M. Tschöp</i> Helmholtz Zentrum München & Technische Universität München, Germany
12:00 T1:S2.04	<b>Central Role Of Adiponectin And Other Adipokines In Appetite And EE</b> <i>K. Maeda</i> Department of Complementary & Alternative Medicine, Osaka University Graduate School of Medicine, Japan

**T2:S9: Gut microbiome – what role in obesity?**

**Room:** Plenary Theatre

**Chair(s):** Andrew McAinch (AUS)

10:30 T2:S9.01	<b>The Gut Microbiome: Overview</b> <i>J. Doré</i> French Research Institute in Agricultural Sciences, France
11:00 T2:S9.02	<b>The Gut Microbiome In Obesity And Its Relationship To Obesity And Related Diseases</b> <i>P.D. Cani</i> Université catholique de Louvain, Belgium
11:30 T2:S9.03	<b>Gut Microbiota Responses To Dietary Carbohydrates</b> <i>K. Clément</i> ICAN, INSERM, APHP, UPMC, France

12:00 T2:S9.04	<b>Can Probiotics And Prebiotics Provide A Therapeutic Approach To Obesity?</b> <i>N. Delzenne</i> Université catholique de Louvain, Belgium
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**T3:S14: Children and obesity – when does metabolic risk translate?**

**Room:** Conference Hall 1

**Chair(s):** Louise Baur (AUS)

10:30 T3:S14:01	<b>Epidemiology Of Obesity In Children: International Comparisons And What They Can Tell Us</b> <i>T. Lobstein</i> IASO, United Kingdom
11:00 T3:S14:02	<b>Do Obese Children Necessarily Become Obese Adults?</b> <i>JL. Baker</i> Institute of Preventive Medicine, Denmark
11:30 T3:S14:03	<b>Obesity And Cardio-metabolic Risk In Children</b> <i>L. Moreno</i> Universidad de Zaragoza, Spain
12:00 T3:S14:03	<b>Early Origins Of Obesity-Associated Metabolic Complications</b> <i>M. Goran</i> University of Southern California

**T5:S25: Lifestyle changing and maintaining**

**Room:** Conference Hall 2

**Chair(s):** Winnie Chee (ML)

10:30 T5:S25.01	<b>Why Have We Failed?</b> <i>L. Lissner</i>
11:00 T5:S25.02	<b>Behavioural Strategies For Weight Management</b> <i>S. Jebb</i> University of Oxford
11:30 T5:S25.03	<b>How To Increase Physical Activity?</b> <i>JM. Oppert</i> Pierre et Marie Curie University-Paris6 ; Institute of Cardiometabolism and Nutrition, France
12:00 T4:S20.04	<b>Elements To Consider For The Maintenance Of Weight Loss</b> <i>W. Saris</i> Nutrition Research Institute, NUTRIM, Health, Medicine and Life Science School, Maastricht Universit, Netherlands

**T8:S35: Health economics – how should we be measuring?**

**Room:** Meeting Room 304 + 305

**Chair(s):** Jane Wardle (UK)

10:30 T8:S35.01	<b>Considerations In Getting Appropriate Health Economic Data</b> <i>M. Cecchini; F. Sassi</i> Organisation for Economic Co-operation and Development (OECD), France
11:00 T8:S35.02	<b>Health Economics -- How Should We Be Measuring?</b> <i>S. Jan</i> The George Institute for Global Health, Australia
11:30 T8:S35.03	<b>Extrapolating From Early Life And Child Interventions To Economic Costs</b> <i>M. Moodie</i> Deakin University, Australia
12:00 T8:S35.05	<b>What do politicians need to convince them??</b> <i>R. Uauy</i> Institute of Nutrition INTA U of Chile Santiago-Chile

### 10:30 - 12:30

**New Investigator Award**

**Room:** 306

**Chair(s):** R Atkinson (USA)

10:30 AS:01	<b>Liver Fat Accumulation In Response To Overfeeding With A High Fat Diet: A Comparison Between South Asian And Caucasian Men</b> <i>S. Wulan; V.B. Schrauwen-Hinderling; K.R. Westerterp; G. Plasqui</i> Maastricht University, Netherlands
10:50 AS:02	<b>E4orf1: A Novel Protein Reproducibly Improves Glycemic Control In High-fat Fed Mice</b> <i>H.N. Na; V. Hegde; O. Dubuisson; N.V. Dhurandhar</i> Pennington Biomedical Research Center, USA
11:10 AS:03	<b>FoodSwitch: A Smartphone Application To Help Consumers Make Healthier Food Choices</b> <i>E. Dunford<sup>1</sup>; H. Trevena<sup>1</sup>; T. Ng<sup>2</sup>; C. Goodsell<sup>2</sup>; J. Webster<sup>1</sup>; B. Neal<sup>1</sup></i> <sup>1</sup> The George Institute for Global Health, Australia; <sup>2</sup> Xyris Software, Australia

## TUESDAY 18TH MARCH / SCIENTIFIC PROGRAMME

11:30 AS:04	<b>Effects Of Gastric Bypass Surgery On Overweight Patients With Type 2 Diabetes</b> <i>M. Cai<sup>1</sup>; H.K. Gao<sup>2</sup>; J.R. Speakman<sup>2</sup></i> <sup>1</sup> Institute of Genetics and Developmental Biology, Chinese Academy of Sciences, China; <sup>2</sup> Department Of General Surgery, The General Hospital of Chinese People's Armed Police Forces, China
11:50 AS:05	<b>Satiety Control By Peptides: Different Patterns Of Ghrelin, Insulin, CCK, GLP-1 And PYY But The Same Suppression Of Appetite</b> <i>C. Gibbons<sup>1</sup>; G. Finlayson<sup>2</sup>; P. Caudwell<sup>1</sup>; D.L. Webb<sup>3</sup>; P. Hellstrom<sup>3</sup>; E. Naslund<sup>4</sup>; J.E. Blundell<sup>2</sup></i> <sup>1</sup> Institute of Psychological Sciences, United Kingdom; <sup>2</sup> University of Leeds, United Kingdom; <sup>3</sup> Uppsala University, Sweden; <sup>4</sup> Karolinska Institutet, Sweden

### 12:30 - 14:30

12:30 - 14:30  
Lunch and Poster Session  
Room: Grand Ballroom

### 14:30 - 16:15

T1:S4: Adipose tissue development

Room: Conference Hall 2

Chair(s): Jon Arch (UK)

13:45 T1:S4.05	<b>Adipose Tissue Selective Thyroid Stimulating Hormone Receptor (TSHr) Knockout Alters The Gene Expression In Brown But Not In White Adipose Tissue</b> <i>A. Elgadi; V. Lundbäck; K. Ekblom; C. Marcus</i> Department of Clinical Science, Intervention and Technology, Division of Pediatrics, Karolinska Inst, Sweden
14:30 T1:S4.01	<b>Molecular Signatures Of Adipose-derived Stem Cells: Potential For Metabolic Reprogramming</b> <i>S. Sugii</i> Duke-NUS Graduate Medical School
15:00 T1:S4.02	<b>The Bystander And Systematic Adverse Effects Of Senescent Preadipocytes</b> <i>M.X. XU; T.P. Pirtskhalava; N.G. Giorgadze; M.B.S. Stout; A.K.P. Palmer; T.W. White; M.D.J. Jensen; N.K.L. LeBrasseur; T.T. Tchkonja; J.L.K. Kirkland</i> Mayo Clinic, USA

15:15 T1:S4.03	<b>Blunted Growth Hormone Signal Transduction Mitigates Lipid Redistribution And WAT Senescent Cell Burden</b> <i>M.B. Stout<sup>1</sup>; T. Tchkonja<sup>1</sup>; T. Pirtskhalava<sup>1</sup>; C. Escande<sup>1</sup>; N. Giorgadze<sup>1</sup>; A.K. Palmer<sup>1</sup>; E.O. List<sup>2</sup>; D. Berryman<sup>2</sup>; A. Spong<sup>3</sup>; M. Masternak<sup>3</sup>; J.J. Kopchick<sup>2</sup>; R.A. Miller<sup>4</sup>; A. Bartke<sup>5</sup>; J.L. Kirkland<sup>1</sup></i> <sup>1</sup> Robert and Arlene Kogood Center on Aging, Mayo Clinic, Rochester, MN, USA, 55905, USA; <sup>2</sup> Edison Biotechnology Institute, Ohio University, Athens, Oh, USA, 45701, USA; <sup>3</sup> Burnett School of Biomedical Sciences, University of Central Florida, Orlando, FL, USA, 32827, USA; <sup>4</sup> Nathan Shock Center in the Biology of Aging, University of Michigan, Ann Arbor, MI, USA, 481094, USA; <sup>5</sup> Geriatrics Research Laboratory, Southern Illinois University, Springfield, IL, USA, 62794, USA
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15:30 T1:S4.04	<b>Alterations In Adipose Tissue Biology Of Lean And Obese Children</b> <i>K. Landgraf; D. Rockstroh; I.V. Wagner; S. Weise; R. Tauscher; J.T. Schwartz; U. Bühligen; W. Kiess; M. Wojan; H. Till; M. Blüher; A. Körner</i> University of Leipzig, Germany
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T2:S11: Nutrigenetics and nutrigenomics

Room: Plenary Hall

Chair(s): Alfredo Martinez (SP)

14:30 T2:S11.01	<b>Translating Human Nutrition Research To Society</b> <i>J. Kaput</i> Nestle Institute of Health Sciences, Switzerland
15:00 T2:S11.02	<b>The Diogenes Study- A Multi-"omics" Approach To Understand The Molecular Mechanisms Of The Dynamics Of Weight Change In Dietary Intervention Studies</b> <i>J. Hager<sup>1</sup>; A. Valsesia<sup>1</sup>; I. Irincheeva<sup>1</sup>; G. Lefebvre<sup>1</sup>; C. Charon<sup>2</sup>; P. Fazlzadeh<sup>3</sup>; J. Vervoort<sup>3</sup>; C. Holst<sup>4</sup>; T.I.A. Sørensen<sup>5</sup>; N. Viguier<sup>5</sup>; P. Descombes<sup>1</sup>; M. Kussmann<sup>1</sup>; D. Langin<sup>5</sup>; A. Astrup<sup>6</sup>; W. Saris<sup>7</sup></i> <sup>1</sup> Nestlé Institute of Health Sciences, Switzerland; <sup>2</sup> CCEA-Genomics Institute Centre National de Genotypage, France; <sup>3</sup> Laboratory of Biochemistry, University of Wageningen, Netherlands; <sup>4</sup> The Novo Nordisk Foundation Center for Basic Metabolic Research, University of Copenhagen, Denmark; <sup>5</sup> Institute of Metabolic and Cardiovascular Disease, I2MC, CHU Rangueil, Toulouse, France; <sup>6</sup> Department of Nutrition, Exercise and Sports, University of Copenhagen, Denmark; <sup>7</sup> Department of Human Biology Maastricht University Medical Centre, Netherlands

15:15 T2:S11.03	<b>Fto And Leptin Gene Expression Under Low Or High Glycemic Index (Gi) Diet In Pregnant Mice And Pups; Results Of Early Life And Extended Exposure To The Diets</b> <i>T. Sideratou; K. Bell Anderson; J. Brand Miller</i> The University of Sydney, Australia
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15:30 T2:S11.04	<b>One Week High Fat Diet Leads To Impaired Toll Like Receptor 2 (TLR2) Function In Young Healthy Men</b> <i>Z. Wan; C.D. Durrer; D.M. Mah; S.S. Simtchouk; J.L. Little</i> University of British Columbia Okanagan, Canada
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15:45 T2:S11.05	<b>Dose-dependent Effect Of Taurine Supplementation On Obesity And Hyperleptinemia In Mice</b> <i>N. Tsuboyama-kasaoka<sup>1</sup>; Y. Hosokawa<sup>2</sup></i> <sup>1</sup> National Institute of Health and Nutrition, Japan; <sup>2</sup> Jissen Women's University, Japan
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16:00 T2:S11.06	<b>Higher BMI Is Associated With Lower Skin Carotenoid Concentration Measured By Spectrophotometry: Implications For Vegetable And Fruit Consumption</b> <i>C. Collins<sup>1</sup>; K. Pezdirc<sup>1</sup>; R. Whitehead<sup>2</sup>; M.J. Hutchesson<sup>1</sup>; M. Rollo<sup>1</sup>; D. Perrett<sup>2</sup>; G. Ozakinci<sup>2</sup></i> <sup>1</sup> The University of Newcastle, Australia; <sup>2</sup> St Andrews University, Scotland, United Kingdom
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T3:S19: NAFLD

Room: Meeting Room 304 + 305

Chair(s): Gabriel Jasul (PHIL)

14:30 T3:S19.01	<b>NAFLD And Obesity</b> <i>L. Van Gaal</i> Antwerp University Hospital, Belgium
15:00 T3:S19.02	<b>Prevalence Of Fatty Liver And Cardiometabolic Complications In Overweight Indian Adolescents</b> <i>V. Jain<sup>1</sup>; M. Jana<sup>2</sup>; S. Adhikari<sup>2</sup>; N. Ahmad<sup>2</sup>; N.K. Vikram<sup>2</sup>; L. Ramakrishnan<sup>2</sup>; B. Upadhyaya<sup>2</sup>; A. Agarwal<sup>2</sup>; A.K. Gupta<sup>1</sup></i> <sup>1</sup> All India Institute of Medical Sciences, New Delhi, India; <sup>2</sup> All India Institute of Medical Sciences, India
15:15 T3:S19.03	<b>Ectopic Fat Accumulation In The Liver Seen In NAFLD Is A Significant Independent Predictor Of Endothelial Dysfunction And Atherosclerotic Vascular Injury</b> <i>S. Ghosh; A. Nag; A. Bhattacharya; S. Bandyopadhyay; A. Das; K. Chowdhury; P.K. Mitra; S.K. Dutta</i> Institute of Post-Graduate Medical Education & Research, Kolkata, India

15:30 T3:S19.04	<b>Low Serum 25-hydroxyvitamin D Concentrations Are Associated With Non-alcoholic Fatty Liver Disease In Adolescents Independent Of Adiposity</b> <i>L.J. Black<sup>1</sup>; P. Jacoby<sup>1</sup>; W.C. She Ping-Delfos<sup>2</sup>; T.A. Mori<sup>2</sup>; L.J. Beilin<sup>2</sup>; J.K. Olynyk<sup>2</sup>; O.T. Ayonrinde<sup>2</sup>; R.C. Huang<sup>2</sup>; P.H. Holt<sup>1</sup>; P.H. Hart<sup>1</sup>; W.H. Oddy<sup>1</sup>; L.A. Adams<sup>2</sup></i> <sup>1</sup> Telethon Institute for Child Health Research, The University of Western Australia, Australia; <sup>2</sup> School of Medicine and Pharmacology, The University of Western Australia, Australia
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15:45 T3:S19.05	<b>Betatrophin Is A Novel Hormone Associated With Atherogenic Lipid Profiles In Insulin Resistant Subjects</b> <i>A. Fenzl; B. Itariu; L. Kosi; M. Fritzer-Szekeres; A. Kautzky-Willer; T.M. Stulnig; F.W. Kiefer</i> Medical University of Vienna, Austria
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16:00 T3:S19.06	<b>Hepatic NAD Metabolism Is Dysregulated By An Excessive Supply Of Lipids</b> <i>M. Penke<sup>1</sup>; J.T. Treebak<sup>2</sup>; S. Schuster<sup>1</sup>; T. Gorski<sup>1</sup>; W. Kiess<sup>1</sup>; A. Garten<sup>1</sup></i> <sup>1</sup> Center for Pediatric Research Leipzig, University of Leipzig, Germany; <sup>2</sup> The Novo Nordisk Foundation Center for Basic Metabolic Research, University of Copenhagen, Denmark
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T8:S39: Strategies and changing policy

Room: Conference Hall 1

Chair(s): Tim Gill (AUS)

14:30 T8:S39.01	<b>Powering The Movement To Get Kids Moving - 10 Years Of Experience From The Active Healthy Kids Canada Report Card</b> <i>M. Tremblay</i> CHEO Research Institute, Canada
14:45 T8:S39.02	<b>Density Of Neighborhood Restaurants And Body Mass Index Among Rural Chinese Adults</b> <i>W. Du<sup>1</sup>; C. Su<sup>2</sup>; H. Wang<sup>3</sup>; Z. Wang<sup>3</sup>; J.G. Zhang<sup>3</sup>; J. Zhang<sup>3</sup>; B. Zhang<sup>3</sup></i> National Institute for Nutrition and Food Safety
15:00 T8:S39.03	<b>8700 -- Menu Labelling Regulation In New South Wales Australia - Social Marketing Campaign And Results</b> <i>S. Ghosh; A. Nag; A. Bhattacharya; S. Bandyopadhyay; A. Das; K. Chowdhury; P.K. Mitra; S.K. Dutta</i> Institute of Post-Graduate Medical Education & Research, Kolkata, India

## TUESDAY 18TH MARCH / SCIENTIFIC PROGRAMME

15:00 T8:S39.03	<p><b>Low Serum 25-hydroxyvitamin D Concentrations Are Associated With Non-alcoholic Fatty Liver Disease In Adolescents Independent Of Adiposity</b></p> <p><i>I. Caterson<sup>1</sup>; E. Jansson<sup>2</sup>; L. Szabo<sup>2</sup>; C. Morony<sup>2</sup>; B. Eden<sup>3</sup>; S. Kitchener<sup>4</sup>; J. Vineburg<sup>4</sup>; L. Waters<sup>4</sup>; M. Cobcroft<sup>4</sup></i></p> <p><sup>1</sup>University of Sydney, Australia; <sup>2</sup>NSW Food Authority, Australia; <sup>3</sup>Heart Foundation Australia, Australia; <sup>4</sup>NSW Ministry of Health, Australia</p>
15:15 T8:S39.04	<p><b>Fat Tax And All That: The Pros And Cons Of Taxing Food - The View From New Zealand Policy Makers</b></p> <p><i>L. Signal<sup>1</sup>; G. Jenkin<sup>2</sup>; C. Ni Mhurchu<sup>3</sup>; H. Eyles<sup>3</sup></i></p> <p><sup>1</sup>University of Otago, New Zealand; <sup>2</sup>University of Otago, Wellington, New Zealand; <sup>3</sup>Auckland University, New Zealand</p>
15:30 T8:S39.05	<p><b>What Do The Public Think Of Using Tax On Food To Prevent Obesity? The Findings Of A Citizen's Jury</b></p> <p><i>T. Comans; N. Moretto</i></p> <p>Griffith University, Australia</p>
15:45 T8:S39.06	<p><b>Monitoring The Influence Of Major Food Companies On Food Environments And Policies: Potential Role Of Social Media As Data Collection Tools</b></p> <p><i>G. Sacks<sup>1</sup>; B. Swinburn<sup>2</sup>; M. Mialon<sup>1</sup></i></p> <p><sup>1</sup>Deakin University, Australia; <sup>2</sup>University of Auckland, New Zealand</p>
16:00 T8:S39.07	<p><b>The Law's Struggle With Complex Evidence: The Potential For Expanded Use Of The Precautionary Principle In Domestic Legal Systems As A Mechanism To Impact Overweight And Obesity</b></p> <p><i>C. Mills</i></p> <p>Cancer Council Victoria, Australia</p>

T7:S32: Are workplace interventions useful?

Room: Conference Hall 3

Chair(s): Norimah Karim (ML)

14:30 T7:S32.01	<p><b>An Evaluation Of Healthy Workplace Environment Characteristics -- A Pilot Study</b></p> <p><i>R. Freak-Poli<sup>1</sup>; M. Brand<sup>2</sup>; M. de Courten<sup>3</sup>; A. Peeters<sup>4</sup></i></p> <p><sup>1</sup>Erasmus MC, The Netherlands &amp; Monash University, Australia, Netherlands; <sup>2</sup>Monash University, Australia; <sup>3</sup>University of Copenhagen, Denmark; <sup>4</sup>BakerIDI Heart and Diabetes Institute &amp; Monash University, Australia</p>
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14:30 T7:S32.001	<p><b>Are Workplace Interventions Useful?</b></p> <p><i>H.R. Du Plessis</i></p> <p>Epode International Network, United Kingdom</p>
14:45 T7:S32.02	<p><b>Creating A Healthy And Engaging Workplace In A Primary Health Care Setting</b></p> <p><i>L. Milkovich; B. Whitmore; P. Bouch</i></p> <p>Red Deer Primary Care Network, Canada</p>
15:00 T7:S32.03	<p><b>Healthy@Work Takes Time: Workplace Health Promotion Availability And Engagement, And Changes To Employee Lifestyle Risk Factors (2010-2013)</b></p> <p><i>M. Kilpatrick; K. Sanderson; L. Blizzard; A. Venn</i></p> <p>Menzies Research Institute Tasmania, Australia</p>
15:15 T7:S32.04	<p><b>The Association Between Participation In A Workplace Pedometer Program And Long-term Change In The Level Of Daytime Sleepiness</b></p> <p><i>W. Liviya NG; R. Freak-Poli; A. Peeters</i></p> <p>Baker IDI Heart and Diabetes Institute &amp; Monash University, Australia</p>
15:30 T7:S32.05	<p><b>The Relationship Between BMI And The Use Of Antidepressant Medication In An Employee Population</b></p> <p><i>T. Ostbye; E.L. Eisenstein; M. Stroe; J. Dement</i></p> <p>Duke University Medical Center, USA</p>

### 16:15 - 16:45

16:15 - 16:45	<p><b>Refreshment Break</b></p> <p>Room: Grand Ballroom</p>
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### 16:45 - 17:30

Plenary

Room: Conference Hall 2

Chair(s): Philip James (UK)

16:45 PL:05	<p><b>Obesity Prevention Policies In Low And Middle Income Countries (LMIC's)</b></p> <p><i>B. Popkin</i></p> <p>University of North Carolina, USA</p>
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### 17:30 - 19:00

Debate Session - Hard or Soft Policies?

Room: Plenary Theatre

Chair(s): Ian Caterson (AUS)

17:30 - 19:00 PL:03	<p><b>"This Conference Believes That Preventing Obesity Is The Responsibility Of The Individual And Not Of Government"</b></p> <p><i>J. Martin</i></p> <p>Obesity Policy Coalition, Australia</p>
17:30 - 19:00 PL:04	<p><b>"This Conference Believes That Preventing Obesity Is The Responsibility Of The Individual And Not Of Government"</b></p> <p><i>J. Prins</i></p>

Sponsored Symposium

(See p34-37 for more details)

Sponsored Symposium: Cambridge Weight Plan

17:30 - 19:00	<p><b>Evidence based weight loss and maintenance with formula diet</b></p> <p>Room: Conference Hall 1</p>
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Sponsored Symposium: International Medical Press

17:45 - 19:00	<p><b>Integrated Strategies for Weight Management</b> (See page 36 for details)</p> <p>Room: Conference Hall 2</p>
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Sponsored Symposium: EPODE and World Obesity Policy and Prevention (formerly IOTF)

17:30 - 19:00	<p><b>Community-Based Interventions for Obesity Prevention</b></p> <p>Room: Meeting Room 304+305</p>
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Sponsored Symposium: Danone Research

17:30 - 19:00	<p><b>Assessing the Impact of Hydration on Public Health Issues of Obesity</b></p> <p>Room: Conference Hall 3</p>
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Sponsored symposium: Beneo Institute

17:30 - 19:00	<p><b>Weight Management and the role of Carbohydrates</b></p> <p>Room: Plenary Theatre</p>
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# SCIENTIFIC PROGRAMME /

## WEDNESDAY 19TH MARCH

### WEDNESDAY 19TH MARCH / SCIENTIFIC PROGRAMME OVERVIEW

07:45 - 09:00	<p><i>Sponsored Symposium Session: International Journal of Obesity</i></p> <p><b>How to get your paper published</b></p> <p>Room: Conference Hall 1</p>	09:00 - 10:00	<p><b>Plenary – Andre Mayer Award Obesity And Population Health</b></p> <p>A. Peeters</p> <p>Chair: R. Atkinson (USA)</p> <p>Room: Conference Hall 2</p>
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10:00 - 10:30	<p><b>Refreshment Break</b></p> <p>Room: Grand Ballroom</p>
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10:30 - 12:30	<p><b>Track 1: Session 3:</b></p> <p>Brown fat – cellular origins and function in humans</p> <p>Room: Conference Hall 1</p>	<p><b>Track 3: Session 16:</b></p> <p>Cancer – from epidemiology through mechanisms to outcome</p> <p>Room: Meeting Room 304 + 305</p>	<p><b>Track 5: Session 24:</b></p> <p>Bariatric surgery – why, when, which?</p> <p>Room: Conference Hall 3</p>	<p><b>Track 6: Session 28:</b></p> <p>Food and the food environment</p> <p>Room: Conference Hall 2</p>	<p><b>Track 8: Session 36:</b></p> <p>Control of food supply</p> <p>Room: Plenary Theatre</p>
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12:30 - 14:30	<p><b>Lunch and Poster Session</b></p> <p>Room: Grand Ballroom</p>
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14:30 - 16:15	<p><b>Track 1: Session 13:</b></p> <p>Brown fat and energetics</p> <p>Room: Plenary Theatre</p>	<p><b>Track 2: Session 10:</b></p> <p>Novel obesity genes and gene polymorphisms</p> <p>Room: Conference Hall 1</p>	<p><b>Track 3: Session 18:</b></p> <p>Macronutrients and insulin resistance</p> <p>Room: Meeting Room 304 + 305</p>	<p><b>Track 5: Session 26:</b></p> <p>Pharmacotherapy – the options</p> <p>Room: Plenary Theatre</p>	<p><b>Track 7: Session 34:</b></p> <p>Paediatric obesity</p> <p>Room: Conference Hall 2</p>
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16:15 - 16:45	<p><b>Refreshment Break</b></p> <p>Room: Grand Ballroom</p>	16:45 - 17:30	<p><b>Plenary - Developmental Origins Of Health And Disease (DOHaD): Mechanisms And Implications</b></p> <p>M. Hanson</p> <p>Room: Conference Hall 2</p>
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19:00 - 22:00	<p><b>Gala Dinner</b></p> <p>Room: Banquet Hall</p>
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## WEDNESDAY 19TH MARCH / SCIENTIFIC PROGRAMME

### 07:45 - 09:00

Sponsored Symposium Session: International Journal of Obesity

**07:45 - 09:00** How to get your paper published  
(see p37 for details)  
Room: Conference Hall 1

### 09:00 - 10:00

Plenary – Andre Mayer Award

Room: Conference Hall 2  
Chair(s): R. Atkinson (USA)

**09:00** Obesity And Population Health  
PL:06 A. Peeters

### 10:00 - 10:30

**10:00 - 10:30** Refreshment Break  
Exhibition Hall

### 10:30 - 12:30

T1:S3: Brown fat – cellular origins and function in humans

Room: Conference Hall 1  
Chair(s): M. Tschöp

**10:30** Regulation Of Brown Fat Formation And Function: Progenitor, Niche, And Beyond  
T1:S3.01 YH. Tseng  
Joslin Diabetes Center, Harvard Medical School, USA

**11:00** Molecular Differentiation And Function Of Brown, Brite/beige And White Adipocytes  
T1:S3.02 J. Nedergaard  
The Wenner-Gren Institute, Stockholm University, Sweden

**11:30** Role Of Brown Adipose Tissue In Human Energetics And Obesity -- A Link With The Indoor Climate  
T1:S3.03 W. van Marken Lichtenbelt  
Toxicology and Metabolism of Maastricht University Medical Center

**12:00** Brown Fat And Glucose Homeostasis  
T1:S3.04 J. Heeren  
University Medical Center Hamburg Eppendorf, Germany

T3:S16: Cancer – from epidemiology through mechanisms to outcome

Room: Meeting Room 304 + 305  
Chair(s): F. Arshad (ML)

**10:30** Obesity As A Cause Of Cancer: Epidemiologic And Biologic Mechanisms  
T3:S16.01 T. Byers  
Colorado School of Public Health, USA

**11:00** Obesity, Energy Balance And Cancer Prevention: Mechanistic Insights From Transdisciplinary Studies  
T3:S16.02 E. Allott  
University of North Carolina at Chapel Hill, USA

**11:30** Cancer In Obesity: What We Eat, Hormonal Changes Or Toxins?  
T3:S16.04 A. Tremblay  
Laval University, Canada

**12:00** Adipose Tissue-Derived Stromal Vascular Factors And Their Impact On Mammary Tumor Growth  
T3:S16.05 T. Morley  
National Childhood Obesity Foundation

### 10:30 - 12:30

T5:S24: Bariatric surgery – why, when, which?

Room: Conference Hall 3  
Chair(s): N. Finer (UK)

**10:30** Bariatric Surgery: Who, When And How  
T5:S24.01 N. Finer  
University College Hospital London

**11:00** Bariatric Surgery And Diabetes: Prevention, Delay Or Cure?  
T5:S24.02 F. Rubino  
King's College London, United Kingdom

**11:30** Cost-Effectiveness Of Bariatric Surgery  
T5:S24.03 M. Neovius  
Karolinska Institute, Sweden

**12:00** Physiological Changes Following Bariatric Surgery  
T5:S24.04 G. Mingrone  
Catholic University, Italy

T6:S28: Food and the food environment

Room: Conference Hall 2  
Chair(s): J.Sing

**10:30** Fats -- Energy, Danger Or Opportunity?  
T6:S28.01 J. Mann  
University of Otago, New Zealand

**11:00** The Importance Of Amounts Of Protein, And The Protein To Carbohydrate Ratio For Weight Control: Analyses From The DiOGenes Study  
T6:S28.02 A. Astrup<sup>1</sup>; D.M.T. Rodrigues<sup>1,5,35</sup>; L.Q. Bendtsen<sup>1,5,35</sup>; T.M. Larsen<sup>1,5,35</sup>; C. Ritz<sup>1,5,35</sup>; T. Handjjeva-Darlenska<sup>1,5,35</sup>; M. Van Baak<sup>1,5,35</sup>; J.A. Martinez<sup>1,5,35</sup>; W.H.M. Saris<sup>1,5,35</sup>  
<sup>1</sup>University of Copenhagen, Denmark; <sup>2</sup>

**11:30** Ultra-processed Food And Drink Products And Obesity: A New Hypothesis, Mechanisms And Evidence  
T6:S28.03 C. Monteiro  
University of Sao Paulo, Brazil

**12:00** Improving Food Supply  
T6:S28.04 A. Lee  
Queensland University of Technology, Australia

T8:S36: Control of food supply

Room: Plenary Theatre  
Chair(s): I. Caterson (AUS)

**10:30** Control By Price  
T8:S36.01 S. Smed  
University of Copenhagen, Denmark

**11:00** Role Of Supermarkets  
T8:S36.02 T. Handjjeva-Darlenska  
Department of pharmacology and toxicology, Medical Faculty, Medical University, Sofia, Bulgaria, Bulgaria

**11:30** Legal Approaches To Modify Food Supply  
T8:S36.03 TBC

**12:00** The Potential Impact Of Climate Change  
T8:S36.04 P. James  
World Obesity Federation, United Kingdom

### 12:30 - 14:30

**12:30 - 14:30** Lunch and Poster Session  
Room: Grand Ballroom

### 14:30 - 16:15

T1:S13: Brown fat and energetics

Room: Plenary Theatre  
Chair(s): B. Cannon (SWE)

**14:30** Cellular Repressor Of E1A-stimulated Genes 1 Is A Novel Regulator Of Brown Adipocyte Differentiation  
T1:S13.01 T. Kusudo<sup>1</sup>; N. Kataoka<sup>2</sup>; T. Takeuchi<sup>1</sup>; A. Nozaki<sup>1</sup>; H. Yamashita<sup>1</sup>  
<sup>1</sup>College of Life and Health Sciences, Chubu University, Japan; <sup>2</sup>Career Path Promotion Unit for Young Life Scientists, Kyoto University, Japan

**14:45** Adipocyte SIRT1 Protects Against Obesity-induced Endothelial Dysfunction Via Enhancing Brown-remodeling Of Perivascular Adipose Tissue In Mice  
T1:S13.02 H.X. Hui; P. Gu; P.M. Vanhoutte; K.S. Lam; A. Xu  
The University of Hong Kong, Hong Kong

**15:00** Transient Receptor Potential Channel-mediated Activation And Recruitment Of Brown Adipose Tissue In Humans  
T1:S13.03 T. Yoneshiro<sup>1</sup>; M. Matsushita<sup>2</sup>; M. Saito<sup>2</sup>  
<sup>1</sup>Hokkaido University, Japan; <sup>2</sup>Tenshi College, Japan

**15:15** Identification Of Thermogenic Beige/brite Adipocytes In Human Omental And Gastro-oesophageal Adipose Tissue  
T1:S13.04 L.S. Kyang<sup>1</sup>; R.L. Stewart<sup>2</sup>; T. Preda<sup>1</sup>; E. Borodachev<sup>1</sup>; M.M. Swarbrick<sup>2</sup>; R.V. Lord<sup>1</sup>  
<sup>1</sup>St Vincent's Centre for Applied Medical Research, Australia; <sup>2</sup>Garvan Institute of Medical Research, Australia

**15:30** Enhanced - adrenoceptor Mediated Oxygen Consumption And Glucose Uptake In Brite Adipocytes Derived From Subcutaneous And Inguinal White Adipose Tissue  
T1:S13.05 D. Hutchinson<sup>1</sup>; J. Merlin<sup>1</sup>; R. Fahey<sup>1</sup>; T. Bengtsson<sup>2</sup>; R.J. Summers<sup>1</sup>; B.A. Evans<sup>1</sup>  
<sup>1</sup>Monash University, Australia; <sup>2</sup>Stockholm University, Sweden

## WEDNESDAY 19TH MARCH / SCIENTIFIC PROGRAMME

15:45 T1:S13.06	<b>Contribution Of Brown Adipose Tissue To The Regulation Of Energy Expenditure In Healthy Humans</b> <i>M. Saito<sup>1</sup>; T. Yoneshiro<sup>2</sup>; M. Matsushita<sup>1</sup></i> <sup>1</sup> Tenshi College, Japan; <sup>2</sup> Hokkaido University, Japan
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T2:S10: Novel obesity genes

Room: Conference Hall 1

Chair(s): K. Clement (FR)

14:30 T2:S10.01	<b>Genetic Basis Of Severe Obesity</b> <i>S. Farooqi</i> University of Cambridge, United Kingdom
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14:50 T2:S10.03	<b>Influence Of The FTO Rs9939609 Polymorphism On Body Mass Index In Relation To Physical Activity And Sleeping Duration In Malay Children</b> <i>P.N. Chong<sup>1</sup>; B.K. Poh<sup>1</sup>; T.P.W. Christinal<sup>1</sup>; M.N. Adibah<sup>1</sup>; W.N. Wan Zurinah<sup>1</sup>; M.N. Ismail<sup>2</sup></i> <sup>1</sup> Universiti Kebangsaan Malaysia, Malaysia; <sup>2</sup> MARA University of Technology, Malaysia
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15:10 T2:S10.04	<b>Prevalence Of Uncoupling Protein, 2-Adrenergic Receptor And Angiotensin-Converting Enzyme Gene Polymorphisms And Their Association With Obesity Traits Among Malaysian Cohorts Of Setapak And Kampar</b> <i>Y.H. Say; K.H. Lee; Y. Arumugam; V. Shunmugam; T. Kaur; P.P. Chia</i> Universiti Tunku Abdul Rahman (UTAR) Perak Campus, Malaysia
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15:30 T2:S10.05	<b>Vitamin D Levels And VDR Polymorphisms: Relationships To Metabolic Syndrome Components In Overweight / Obese Arab Females</b> <i>H. Hasan<sup>1</sup>; R.O. AbuOdeh<sup>2</sup>; W.A. Wan Muda<sup>3</sup>; H. Jan Mohammed<sup>4</sup></i> <sup>1</sup> Universiti Sains Malaysia + University of Sharjah, United Arab Emirates; <sup>2</sup> University of Sharjah, United Arab Emirates; <sup>3</sup> Universiti Sains Malaysia, Malaysia; <sup>4</sup> Universiti Sains Malaysia, Malaysia
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15:50 T2:S10.06	<b>Low Copy Number Of The AMY1 Gene Is Associated With A Metabolic Profile Of Insulin Resistance Via The Gut Microbiome</b> <i>A. Arredouani<sup>1</sup>; M. Falchi<sup>2</sup>; B. Balkau<sup>3</sup>; P. Froguel<sup>1</sup></i> <sup>1</sup> Qatar Biomedical Research Institut, Qatar; <sup>2</sup> Imperial College London, United Kingdom; <sup>3</sup> INSERM, France
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15:45 T2:S10.07	<b>Contribution Of Brown Adipose Tissue To The Regulation Of Energy Expenditure In Healthy Humans</b> <i>M. Saito<sup>1</sup>; T. Yoneshiro<sup>2</sup>; M. Matsushita<sup>1</sup></i> <sup>1</sup> Tenshi College, Japan; <sup>2</sup> Hokkaido University, Japan
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T3:S18: Macronutrients and insulin resistance

Room: Meeting Room 304 + 305

Chair(s): J. Woo (KOR)

14:30 T3:S18.01	<b>Dietary Fats And Insulin Resistance In Animal Models Of Obesity</b> <i>G. Cooney</i> Garvan Institute of Medical Research, Australia
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15:00 T3:S18.02	<b>The Effects Of Different Dietary Macronutrient Composition On Insulin Resistance And Lipid Profile In Genetically Diabetic KK-Ay Mice</b> <i>Y. Cho<sup>1</sup>; C.G. Xie<sup>2</sup>; L. Du<sup>1</sup>; J.X. Li<sup>1</sup>; X.L. Zhou<sup>1</sup></i> <sup>1</sup> School of Clinical Medicine, Chengdu University of Traditional Chinese Medicine, China; <sup>2</sup> Department of Endocrinology, Affiliated Hospital of Chengdu University of Traditional Chinese Medicine, China
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15:15 T3:S18.03	<b>The TRPV1 Receptor Regulates Energy Balance And Glucose Metabolism In Mice</b> <i>A.J. Page<sup>1</sup>; S.J. Kentish<sup>1</sup>; G. Hatznikolas<sup>1</sup>; C. Frisby<sup>1</sup>; P. Cavauto<sup>2</sup>; G.A. Wittert<sup>1</sup></i> <sup>1</sup> University of Adelaide, Australia; <sup>2</sup> CSIRO Adelaide, Australia
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15:30 T3:S18.04	<b>A Dietary Pattern Associated With Increased Insulin Resistance Tracks During Adolescence</b> <i>G. Appannah<sup>1</sup>; G. Pot<sup>2</sup>; W. Oddy<sup>3</sup>; L. Beilin<sup>4</sup>; T. Mori<sup>4</sup>; S. Jebb<sup>5</sup>; G. Ambrosini<sup>5</sup></i> <sup>1</sup> Department of Nutrition and Dietetics, Faculty of Medicine and Health Sciences, UPM, Serdang, Malaysia; <sup>2</sup> Diabetes and Nutritional Sciences Division, School of Medicine, King's College London, London, United Kingdom; <sup>3</sup> Telethon Institute for Child Health Research, Centre for Child Health Research, UWA, Perth, Australia; <sup>4</sup> School of Medicine and Pharmacology, UWA, Perth, Australia; <sup>5</sup> MRC Human Nutrition Research, Cambridge, United Kingdom
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15:45 T3:S18.05	<b>Eicosapentaenoic Acid Ameliorates High-fat Diet-induced Insulin Resistance Via Modulating Adipose Tissue Function</b> <i>N.S. Kalupahana<sup>1</sup>; M. LeMieux<sup>2</sup>; A. Aljawadi<sup>2</sup>; M. Pahlavani<sup>2</sup>; S. Scoggin<sup>2</sup>; K.J. Claycombe<sup>3</sup>; N. Moustaid-Moussa<sup>2</sup></i> <sup>1</sup> Department of Physiology, Faculty of Medicine, University of Peradeniya, Sri Lanka; <sup>2</sup> Nutritional Sciences, Texas Tech University, Lubbock, TX, USA; <sup>3</sup> USDA-ARS GFHNRC, Grand Forks, ND, USA
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16:00 T3:S18.06	<b>Endocrine Determinants Of Insulin Sensitivity And Insulin Secretion During A Weight Cycle In Healthy Men</b> <i>J. Karschin<sup>1</sup>; J. Enderle<sup>2</sup>; M. Lagerpusch<sup>2</sup>; M.J. Mueller<sup>2</sup>; A. Bosity-Westphal<sup>1</sup></i> <sup>1</sup> Institute of Nutritional Medicine, University of Hohenheim, Stuttgart, Germany; <sup>2</sup> Institute of Human Nutrition and Food Science, Christian-Albrechts University, Kiel, Germany
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T5:S26: Pharmacotherapy – the options

Room: Plenary Theatre

Chair(s): M.Cawthorne (UK)

14:30 T5:S26.01	<b>Pharmacotherapy - The Options</b> <i>J. Arch</i> University of Buckingham, United Kingdom
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15:00 T5:S26.02	<b>O-1602 Reduces Adiposity, But Increases Liver Mass In A Diet Induced Obese Rat Model</b> <i>A.C. Simcocks<sup>1</sup>; L. O'Keefe<sup>1</sup>; K. Jenkin<sup>1</sup>; M.L. Mathai<sup>1</sup>; D.H. Hryciw<sup>2</sup>; A.J. McAinch<sup>1</sup></i> <sup>1</sup> Centre for Chronic Disease Prevention and Management, College of Health & Biomedicine, Victoria Univ, Australia; <sup>2</sup> Department of Physiology, Melbourne University, Melbourne, Australia, Australia
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15:15 T5:S26.03	<b>Thermogenic And Anti-obesity Effects Of Capsinoids Are Dependent On Brown Adipose Tissue</b> <i>T. Kayahara<sup>1</sup>; T. Yoneshiro<sup>2</sup>; Y. Okamatsu-Ogura<sup>3</sup>; M. Saito<sup>4</sup></i> <sup>1</sup> Wellness Business R&D Planning Dept., Ajinomoto Co., Inc., Japan; <sup>2</sup> Department of Anatomy, Hokkaido University School of Medicine, Japan; <sup>3</sup> Department of Biomedical Sciences, Graduate School of Veterinary Medicine, Hokkaido University, Japan; <sup>4</sup> Department of Nutrition, Tenshi College, Japan
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15:30 T5:S26.04	<b>Anti-Obesity Effects From Standardized Leaf Extracts Of Piper Sarmmentosum In High Fat Diet Induced Rats</b> <i>Z. Ismail; M.S.R. Hamil; H.K. Beh; G. Ghafar</i> Universiti Sains Malaysia, Malaysia
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15:45 T5:S26.05	<b>Green And Black Cardamom In A Diet-induced Rat Model Of Metabolic Syndrome</b> <i>M. Bhaswant<sup>1</sup>; M. Mathai<sup>1</sup>; L. Brown<sup>2</sup></i> <sup>1</sup> Victoria University, Australia; <sup>2</sup> University of Southern Queensland, Australia
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16:00 T5:S26.06	<b>Weight Loss And Improvements Of Metabolic Syndrome In 300 Hypogonadal Men Treated With Testosterone Undecanoate Injections Up To 72 Months: An Observational Registry Study</b> <i>F. Saad<sup>1</sup>; A. Haider<sup>2</sup>; G. Doros<sup>3</sup>; A. Traish<sup>4</sup></i> <sup>1</sup> Bayer Pharma AG, Germany; <sup>2</sup> Private Urology Practice, Germany; <sup>3</sup> Boston University School of Public Health, Dpt. of Biostatistics, USA; <sup>4</sup> Boston University School of Medicine, Dpt. of Biochemistry and Urology, USA
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T7:S34: Paediatric obesity

Room: Conference Hall 2

Chair(s): P. Koon (ML)

14:30 T7:S34.01	<b>Using Social Network Analysis To Assess The Development Of Community Partnership Networks Within EPODE-derived, Integrated Approaches Targeting Childhood Overweight</b> <i>M.J.J. van der Kleij<sup>1</sup>; M.R. Crone<sup>1</sup>; R. Reis<sup>1</sup>; T.G.W. Paulussen<sup>2</sup></i> <sup>1</sup> Leiden University Medical Centre, Netherlands; <sup>2</sup> TNO, Netherlands
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14:45 T7:S34.02	<b>Pathways Linking Socioeconomic Status And Childhood Obesity: Findings From Taiwan Birth Cohort Study</b> <i>T.L. Chiang<sup>1</sup>; Y.F. Li<sup>1</sup>; S.T. Chiou<sup>2</sup></i> <sup>1</sup> National Taiwan University, Taiwan; <sup>2</sup> Department of Health Promotion, Ministry of Health and Welfare, Taiwan
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15:00 T7:S34.03	<b>Dietary Food Patterns And Obesity Risk In Malaysian Adolescents</b> <i>L.H. Foo<sup>1</sup>; A. Nurul-Fadhilah<sup>1</sup>; P.S. Teo<sup>1</sup>; M.E. Aziz<sup>2</sup></i> <sup>1</sup> School of Health Sciences, Universiti Sains Malaysia, Health Campus, Kubang Kerian 16150, Kelantan, Malaysia; <sup>2</sup> School of Medical Sciences, Universiti Sains Malaysia, Kubang Kerian 16150, Kelantan, Malaysia
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## WEDNESDAY 19TH MARCH / SCIENTIFIC PROGRAMME

**15:15**  
T7:S34.04

**Racial/Ethnic And Income Disparities In Child And Adolescent Exposure To Food And Beverage Television Ads Across USA Media Markets**  
*S.K. Kumanyika<sup>1</sup>; R. Wada<sup>2</sup>; L.M. Powell<sup>3</sup>*  
<sup>1</sup>Perelman School of Medicine, University of Pennsylvania, USA; <sup>2</sup>Institute for Health Research & Policy, University of Illinois at Chicago, USA; <sup>3</sup>School of Public Health and Institute for Health Research & Policy, Univ. of Illinois at Chicago, USA

**15:30**  
T7:S34.05

**Relationship Between Changes Of Food Store Environment And Children's Linear Growths Around Pubertal Age: The US Early Childhood Longitudinal Study**  
*H.J. Chen; Y. Wang*  
Johns Hopkins University, USA

**15:45**  
T7:S34.06

**Reliance By Mexican-origin Children On Neighborhood Vendedores (Mobile Vendors) For After-School And Weekend Snacks In Texas Border Colonias**  
*J. Sharkey<sup>1</sup>; W. Dean<sup>2</sup>; M. Gomez<sup>2</sup>*  
<sup>1</sup>Program for Research in Nutrition and Health Disparities, USA; <sup>2</sup>School of Rural Public Health, USA

**16:00**  
T7:S34.07

**Television Viewing And Food Intake Pattern Of Normal Weight, Overweight, And Obese 9-11 Year-old Canadian Children**  
*M.M. Borghese; M.S. Tremblay; G. Leduc; C. Boyer; P. Belanger; A.G. LeBlanc; C. Francis; J.P. Chaput*  
Children's Hospital of Eastern Ontario, Canada

### 19:00 - 22:00

**19:00 - 22:00**  
Gala Dinner  
Room: Banquet Hall

# POSTER PRESENTATIONS

### 16:15 - 16:45

**16:15 - 16:45**  
Refreshment Break  
Grand Ballroom

### 16:45 - 17:30

Plenary

Room: Conference Hall 2

Chair(s): Louise Baur (AUS)

**16:45**  
PL:07

**Developmental Origins Of Health And Disease (DOHaD): Mechanisms And Implications**  
*M. Hanson*  
University of Southampton, United Kingdom

## TRACK 1 – FROM CELLS TO SYSTEMS BIOLOGY

### AS:01

Liver Fat Accumulation In Response To Overfeeding With A High Fat Diet: A Comparison Between South Asian And Caucasian Men  
Wulan, S\*; Schrauwen-Hinderling, V; Westerterp, K; Plasqui, G  
Maastricht University, Netherlands

### AS:02

E4orf1: A Novel Protein Reproducibly Improves Glycemic Control In High-fat Fed Mice  
Na, H\*; Hegde, V; Dubuisson, O; Dhurandhar, N  
Pennington Biomedical Research Center, USA

### AS:03

FoodSwitch: A Smartphone Application To Help Consumers Make Healthier Food Choices  
Dunford, E\*<sup>1</sup>; Trevena, H<sup>1</sup>; Ng, T<sup>2</sup>; Goodsell, C<sup>2</sup>; Webster, J<sup>1</sup>; Neal, B<sup>1</sup>  
<sup>1</sup>The George Institute for Global Health, Australia; <sup>2</sup>Xyris Software, Australia

### AS:04

Effects Of Gastric Bypass Surgery On Overweight Patients With Type 2 Diabetes  
Cai, M\*<sup>1</sup>; Gao, H<sup>2</sup>; Speakman, J<sup>2</sup>  
<sup>1</sup>Institute of Genetics and Developmental Biology, Chinese Academy of Sciences, China; <sup>2</sup>Department Of General Surgery, The General Hospital of Chinese People's Armed Police Forces, China

### AS:08

Association Between Single-nucleotide Polymorphisms (SNPs) Of Adiponectin (ADIPOQ) Gene With Obesity Risk In Malay Children  
Teh, C\*<sup>1</sup>; Chong, P<sup>2</sup>; Nurul Adibah, N<sup>1</sup>; Poh, B<sup>2</sup>; Rahman, J<sup>1</sup>; Wan Zurinah, W<sup>1</sup>  
<sup>1</sup>Ukm Medical Molecular Biology Institute, Universiti Kebangsaan Malaysia, Malaysia; <sup>2</sup>Nutritional Sciences Programme, School Of Healthcare Sciences, Universiti Kebangsaan Malaysia, Malaysia

### TRACK 1 SESSION 3: Brown fat – cellular origins and function in humans

#### T1:S3.05

Presence Of Brown Adipose Tissue In Subcutaneous Depots Of Children  
Rockstroh, D; Landgraf, K; Wagner, I; Gesing, J; Tauscher, R; Kiess, W; Bühligen, U; Wojan, M; Till, H; Blüher, M; Körner, A\*  
University of Leipzig, Germany

#### T1:S3.06

Postprandial Thermogenesis And Brown Adipose Tissue In Humans  
Aita, S\*<sup>1</sup>; Yoneshiro, T<sup>2</sup>; Saito, M<sup>3</sup>  
<sup>1</sup>Hakodate Junior College, Japan; <sup>2</sup>Hokkaido University, Japan; <sup>3</sup>Tenshi College, Japan

#### T1:S3.07

Impact Of Brown Adipose Tissue On Body Fatness And Blood Glucose In Healthy Humans  
Matsushita, M\*<sup>1</sup>; Yoneshiro, T<sup>2</sup>; Saito, M<sup>1</sup>  
<sup>1</sup>Tenshi College, Japan; <sup>2</sup>Hokkaido University, Japan

### TRACK 1: SESSION 6: Muscle and Inter-Organ Crosstalk

#### T1:S6.07

Irisin Response To Exercise In Mice Long Term Selected For High Treadmill Performance  
Albrecht, E\*; Brenmoehl, J; Komolka, K; Schering, L; Langhammer, M; Hoeflich, A; Maak, S  
Leibniz Institute for Farm Animal Biology (FBN), Germany

#### T1:S6.08

High Intraocular Pressure And Cardiometabolic Risk Factors In South Korean Men: Korean National Health And Nutrition Examination Survey, 2008-2010  
Ysng-Hyun, K\*<sup>1</sup>; Kang, J<sup>2</sup>; Lee, K<sup>3</sup>; Lee, C<sup>4</sup>  
<sup>1</sup>Korea University College of Medicine, Korea, Republic of; <sup>2</sup>Hallym University College of Medicine, Korea, Republic of; <sup>3</sup>Gacheon University College of Medicine, Korea, Republic of; <sup>4</sup>Hanyang University College of Medicine, Korea, Republic of

## TRACK 2 – FROM GENES AND ENVIRONMENT TO PATHOPHYSIOLOGY

### TRACK 2: SESSION 7: Genes & Biomarkers

#### T2:S7.05

Association Of Genetic Variations In KCNQ1 And PPARG With The Risk Of Type 2 Diabetes Mellitus In Indonesian Population  
Kartawidjajaputra, F\*<sup>1</sup>; Christine, C<sup>2</sup>; Suwanto, A<sup>2</sup>  
<sup>1</sup>Nutrifood Research Center, Indonesia; <sup>2</sup>Biotechnology, Atma Jaya Catholic University, Indonesia

#### T2:S7.06

Epicardial Fat Relation To Hypertension And Coronary Artery Disease  
Santanam, N\*; Adams, C; Gress, T; Chowdhury, N; Wehner, P  
Joan C Edwards School of Medicine, Marshall University, USA

#### T2:S7.07

Weight-loss Induced Glycemic Improvements Associated With APOA1/C3/A4/A5 Genetic Polymorphisms In Taiwanese Female Obese Patients.  
HSU, M\*<sup>1</sup>; Chang, C<sup>2</sup>; Sun, H<sup>3</sup>; Lee, K<sup>2</sup>; Wu, C<sup>4</sup>; Young, K<sup>3</sup>  
<sup>1</sup>Medical Laboratory Science Technology Research Institute, National Cheng Kung University, Taiwan; <sup>2</sup>Department of Family Medicine, National Cheng Kung University Hospital, Taiwan; <sup>3</sup>Department of Medical Laboratory Science and Biotechnology, National Cheng Kung University, Taiwan; <sup>4</sup>Department of Family Medicine, National Cheng Kung University, Taiwan

#### T2:S7.08

Identification Of Early Transcriptome-based Biomarkers Related To Lipid Metabolism In Peripheral Blood Mononuclear Cells Of Rats Nutritionally Programmed For Improved Metabolic Health  
Konieczna, J<sup>1</sup>; Sánchez, J<sup>1</sup>; van Schothorst, E<sup>2</sup>; Torrens, J<sup>1</sup>; Bunschoten, A<sup>2</sup>; Palou, M<sup>1</sup>; Picó, C\*<sup>1</sup>; Keijer, J<sup>2</sup>; Palou, A<sup>1</sup>  
<sup>1</sup>Laboratory of Molecular Biology, Nutrition and Biotechnology, UIB & CIBER de la Obesidad (CIBEROBN), Spain; <sup>2</sup>Human and Animal Physiology, Wageningen University, Netherlands

#### T2:S7.09

Let7 miRNA As A Potential Mediator Of Insulin Resistance In Normal Weight Subjects  
Elrayess, M\*; Al-Jaber, M; AlMuraikhi, S; Mohamed-Ali, V  
Anti Doping Lab Qatar, Qatar

#### T2:S7.10

The Endocannabinoid System Participates In The Development Of Metabolic Alterations In Mice Overexpressing Neuropeptide Y In Noradrenergic Neurons And Sympathetic Nervous System  
Vähätalo, L\*<sup>1</sup>; Ruohonen, S<sup>1</sup>; Mäkelä, S<sup>1</sup>; Ailanen, L<sup>1</sup>; Penttinen, A<sup>1</sup>; Stormi, T<sup>2</sup>; Piscitelli, F<sup>3</sup>; Silvestri, C<sup>3</sup>; Savontaus, E<sup>1</sup>; Di Marzo, V<sup>3</sup>  
<sup>1</sup>Department of Pharmacology, Drug Development and Therapeutics, University of Turku, Finland; <sup>2</sup>Department of Biostatistics, University of Turku, Finland; <sup>3</sup>Endocannabinoid Research Group, Institute of Biomolecular Chemistry, Consiglio Nazionale delle Ricerche, Pozzuoli (NA), Italy

#### T2:S7.11

Association Study Of Several Common Polymorphisms With Obesity And Obesity-related Traits Among Portuguese Children  
Albuquerque, D\*<sup>1</sup>; Nobrega, C<sup>2</sup>; Manco, L<sup>1</sup>  
<sup>1</sup>Research Centre for Anthropology and Health (CIAS), University of Coimbra, Portugal; <sup>2</sup>Center for Neuroscience and Cell Biology, University of Coimbra, Portugal

#### T2:S7.12

Type 2 Diabetes And Renal Disease: New Animal Model: Brown Norway/Zucker Obese Rat.  
Warden, C\*  
University of California, Davis, USA

#### T2:S7.13

Association Between Single-nucleotide Polymorphisms (SNPs) Of Adiponectin (ADIPOQ) Gene With Obesity Risk In Malay Children  
Teh, C\*<sup>1</sup>; Teh, C\*<sup>1</sup>; Chong, P<sup>2</sup>; Chong, P<sup>2</sup>; Nurul Adibah, N<sup>1</sup>; Nurul Adibah, N<sup>1</sup>; Poh, B<sup>2</sup>; Poh, B<sup>2</sup>; Rahman, J<sup>1</sup>; Rahman, J<sup>1</sup>; Wan Zurinah, W<sup>1</sup>; Wan Zurinah, W<sup>1</sup>  
<sup>1</sup>Ukm Medical Molecular Biology Institute, Universiti Kebangsaan

Malaysia, Malaysia; <sup>2</sup>Nutritional Sciences Programme, School Of Healthcare Sciences, Universiti Kebangsaan Malaysia, Malaysia

#### T2:S7.14

Genetic Test Feedback For Risk Of Weight Gain: Affective And Motivational Reactions  
Meisel, S; Beeken, R; van Jaarsveld, C; Wardle, J\*  
UCL, United Kingdom

#### T2:S7.15

The Association Of FTO SNP Rs9939609 With Weight Gain In The First Year Of University  
Meisel, S; Beeken, R; van Jaarsveld, C; Wardle, J\*  
UCL, United Kingdom

#### T2:S7.16

The Association Between Common SNPs In The Hypothalamic Satiety Pathways, Eating Behaviours And Obesity Measures  
Illangasekera, Y\*<sup>1</sup>; Dalton, C<sup>1</sup>; Kumarasiri, P<sup>2</sup>; Fernando, D<sup>3</sup>  
<sup>1</sup>Biomedical Research Centre, Sheffield Hallam University, Sheffield, United Kingdom; <sup>2</sup>Dept. of Community Medicine, Faculty of Medicine, University of Peradeniya, Sri Lanka; <sup>3</sup>Dept. of Diabetes and Endocrinology, Kings Mill Hospital, Sutton-in-Ashfield, United Kingdom

#### T2:S7.17

Plasma And Adipose Tissue Lysophosphatidylcholines (LPCs) In Obesity And Type 2 Diabetes  
Kurdiova, T\*<sup>1</sup>; Ukropec, J<sup>1</sup>; Liebisch, G<sup>2</sup>; Balaz, M<sup>1</sup>; Srbecky, M<sup>3</sup>; Belan, V<sup>3</sup>; Klimes, I<sup>1</sup>; Gasperikova, D<sup>1</sup>; Schmitz, G<sup>2</sup>; Ukropcova, B<sup>1</sup>  
<sup>1</sup>Institute of Experimental Endocrinology, Slovak Academy of Sciences, Slovakia; <sup>2</sup>Institute for Clinical Chemistry and Laboratory Medicine, University of Regensburg, Germany; <sup>3</sup>Radiodiagnostic Clinic, University Hospital Bratislava, Slovakia

#### T2:S7.18

Hyperinsulinemia Acutely Decreases Serum Retinol Binding Protein 4 Concentration In Lean And Obese Subjects  
Straczkowski, M\*<sup>1</sup>; Nikolajuk, A<sup>2</sup>; Stefanowicz, M<sup>1</sup>; Matulewicz, M<sup>1</sup>; Karczewska-Kupczewska, M<sup>1</sup>  
<sup>1</sup>Medical University of Bialystok,

Poland; <sup>2</sup>Institute of Animal Reproduction and Food Research, Polish Academy of Sciences, Poland

#### T2:S7.19

Serum Osteoprotegerin Is Down-regulated After Circulating Free Fatty Acids Elevation In Healthy Humans  
Karczewska-Kupczewska, M\*<sup>1</sup>; Nikolajuk, A<sup>2</sup>; Matulewicz, N<sup>1</sup>; Stefanowicz, M<sup>1</sup>; Straczkowski, M<sup>1</sup>  
<sup>1</sup>Medical University of Bialystok, Poland; <sup>2</sup>Institute of Animal Reproduction and Food Research, Polish Academy of Sciences, Poland

#### T2:S7.20

Association Of RETN Gene Variants With Soluble Levels Of Lipocalin-2 And Growth Differentiation Factor 15: Role Of Suppression And Interactive Effects  
Teng, M\*<sup>1</sup>; Hsu, H<sup>2</sup>; Wu, W<sup>3</sup>; Chou, C<sup>4</sup>; Juan, J<sup>5</sup>; Ko, K<sup>4</sup>

<sup>1</sup>Graduate Institute of Medical Sciences, Department of Physiology, College of Medicine, Taipei Medical University; <sup>2</sup>The First Cardiovascular Division, Department of Internal Medicine, Chang Gung Memorial Hospital; <sup>3</sup>Department of Life Science, Chinese Culture University; <sup>4</sup>The Division of Cardiology, Department of Internal Medicine and Cardiovascular Medical Center, Taipei Tzu Chi Hospital; <sup>5</sup>Graduate Institute of Medical Sciences, Department of Physiology, College of Medicine, Taipei Medical University

#### T2:S7.21

Associations Between TRPV4 Haplotypes And Body Mass Index In Taiwanese Subjects  
Wu, S\*  
Department of Life Science, Chinese Culture University, Taiwan

#### T2:S7.22

Association Of Melanocortin 4- Receptor Gene Variants With Obesity In Malay Children  
Nizam, N\*<sup>1</sup>; Poh, B; Chong, P; Christinal, T; Wan Ngah, W; Jamal, R  
Universiti Kebangsaan Malaysia, Malaysia

## TRACK 2 – FROM GENES AND ENVIRONMENT TO PATHOPHYSIOLOGY

### TRACK 2: SESSION 10: Novel obesity genes and gene polymorphism

#### T2:S10.07

Anti-obesity Effects Of Cocoa Polyphenols In High-Fat Diet-induced Obesity Rats  
Ali, F\*; Ismail, A; Esa, N; Pei, C  
universiti Putra Malaysia, Malaysia

#### T2:S10.08

Association Of Pro12Ala Polymorphism In Peroxisome Proliferators-activated Receptor-gamma With Obesity Phenotypes Among The Malaysian Malays  
Omar, M\*; Teh, L; Tedin, I; Ahmad, A  
University Teknologi MARA (UiTM), Malaysia

#### T2:S10.09

Empowering Genetic Associations: From The PPARγ Metabolic Risk Loci To Disease Mechanisms.  
Claussnitzer, M\*<sup>1</sup>; Dankel, S<sup>2</sup>; Glunk, V<sup>3</sup>; Berulava, T<sup>4</sup>; Grallert, H<sup>5</sup>; Laumen, H<sup>3</sup>; Hauner, H<sup>6</sup>  
<sup>1</sup>Harvard Medical School, USA; <sup>2</sup>Hormone Laboratory, Haukeland University Hospital, Bergen, Norway; <sup>3</sup>Else Kroener-Fresenius-Centre for Nutritional Medicine, Chair of Nutritional Medicine, Technical University München, Germany; <sup>4</sup>Institut für Humangenetik, Universitätsklinikum Essen, Germany; <sup>5</sup>Research Unit of Molecular Epidemiology, Helmholtz Zentrum München, Germany; <sup>6</sup>Else Kroener-Fresenius-Centre for Nutritional Medicine, Chair of Nutritional Medicine, Technical University München, Germany

## TRACK 3 – FROM HEALTHY WEIGHT TO WEIGHT-RELATED PATHOLOGIES

### TRACK 3: SESSION 15: Transition to Diabetes and CVD

#### T3:S15.05

Paraoxonase Enzyme (PON1) Activity And Total Oxidative Stress Status In Nepalese Obese People  
Subedi, B\*<sup>1</sup>; Parajuli, S<sup>2</sup>; Thapa, S<sup>3</sup>; Nagila, A<sup>4</sup>  
<sup>1</sup>BP. Koirala Institute of Health Science, Dharan, Nepal; <sup>2</sup>Padma Nursing home P.Ltd, Nepal; <sup>3</sup>Fewa City Hospital, Nepal; <sup>4</sup>Gandaki Medical College, Nepal

#### T3:S15.06

Levels Of Elastin Derived Peptides And Circulating Elastin-Antielastin Immune Complexes In Sera Of Patients With Obesity And Essential Hypertension  
Nikolov, A\*<sup>1</sup>; Tsinlikov, I<sup>2</sup>; Nicoloff, G<sup>3</sup>; Tsinlikova, I<sup>1</sup>; Blazhev, A<sup>3</sup>  
<sup>1</sup>Internal Diseases, Medical University Pleven, Bulgaria; <sup>2</sup>Internat'l Diseases, Medical University Pleven, Bulgaria; <sup>3</sup>Biology, medical University Pleven, Bulgaria

#### T3:S15.07

Relative Contribution Of Obesity And Serum Adiponectin To The Development Of Hypertension  
Jung, D\*<sup>1</sup>; Kim, K  
CHA University, Korea, Republic of

#### T3:S15.08

Underreporting Of Energy Intake In Overweighed And Diabetic Women  
Wozniwicz, M\*<sup>1</sup>; Bajerska, J<sup>2</sup>; Jeszka, J<sup>2</sup>  
<sup>1</sup>Department of Human Nutrition and Hygiene, Poznan University of Life Sciences, Poland; <sup>2</sup>Department of Human Nutrition and Hygiene, Unit of Dietetics, Poznan University of Life Sciences, Poland

#### T3:S15.09

Characteristics And Correlates Of Diabetes In India : A Secondary Data Analysis Of World Health Survey  
Pati, S\*<sup>1</sup>; Hussain, M<sup>2</sup>; Swain, S<sup>1</sup>  
<sup>1</sup>Indian Institute of Public Health Bhubaneswar, Public Health Foundation of India, India; <sup>2</sup>School of Population Health, Queensland University, Brisbane, Australia

#### T3:S15.10

Epidemiologic Features Of Metabolic Syndrome In A General Mongolian Population  
Tsogzolbaatar, E\*<sup>1</sup>; Kotani, K<sup>1</sup>; Dambadarjaa, D<sup>2</sup>; Aoyama, A<sup>1</sup>; Tsuboi, T<sup>1</sup>; Ae, A<sup>1</sup>  
<sup>1</sup>Jichi Medical University, Japan; <sup>2</sup>Health Sciences University Mongolia, Mongolia

#### T3:S15.11

The Significance Of A Plasma Free Amino Acid Profile-based Multiplex Model For Evaluating The Accumulation Of Metabolic Risk Factors  
Tanaka, T\*<sup>1</sup>; Nagao, K<sup>1</sup>; Imaizumi, A<sup>1</sup>; Ishizaka, Y<sup>2</sup>; Yamakado, M<sup>2</sup>  
<sup>1</sup>Institute for Innovation/Ajinomoto Co., Inc., Japan; <sup>2</sup>Mitsui Memorial Hospital, Japan

#### T3:S15.12

Prevalence Of Insulin Resistance And Impaired Glucose Tolerance In Obese Greek Children And Adolescents  
Karachaliou, F\*<sup>1</sup>; Kaloumenou, I<sup>1</sup>; Vlachopapadopoulou, E<sup>1</sup>; Fotinou, A<sup>2</sup>; Michalacos, S<sup>1</sup>  
<sup>1</sup>"P & A Kyriakou" Children's Hospital, Endocrinology Department, Greece; <sup>2</sup>"P & A Kyriakou" Children's Hospital, Microbiology Department, Greece

#### T3:S15.13

Percent Body Fat Cut-Off Values For The Prediction Of Cardiovascular Risk Factors Clustering In Chinese School-Aged Children  
Liu, A\*<sup>1</sup>; Hu, X<sup>2</sup>; Du, S<sup>2</sup>; Xu, H<sup>2</sup>; Xu, H<sup>2</sup>; Zhang, Q<sup>2</sup>; Ma, G<sup>2</sup>  
<sup>1</sup>National Institute for Nutrition and Food Safety, China CDC, China; <sup>2</sup>National Institute of Nutrition and Food Safety, China CDC, China

#### T3:S15.14

Waist Circumference Cut Off Points To Predict Obesity, Metabolic Syndrome And Cardiovascular Risk In Turkish Adults  
Sonmez, A\*<sup>1</sup>; Bayram, F<sup>2</sup>; Barcin, C<sup>3</sup>; Ozsan, M<sup>4</sup>; Kaya, A<sup>5</sup>; Gedik, V<sup>6</sup>  
<sup>1</sup>Gulhane School of Medicine Department of Endocrinology and Metabolism, Turkey; <sup>2</sup>Erciyes University School of Medicine Department of Endocrinology and Metabolism,

Turkey; <sup>3</sup>Gulhane School of Medicine Department of Cardiology, Turkey; <sup>4</sup>Nigde State Hospital, Department of Endocrinology and Metabolism, Turkey; <sup>5</sup>Necmettin Erbakan University, School of Medicine, Department of Endocrinology, Turkey; <sup>6</sup>Ankara University, School of Medicine, Department of Endocrinology and Metabolism, Turkey

#### T3:S15.15

Biochemical Evaluation Of Wild Harvesting And Beekeeping Honeys On Obese Induced Rats  
Suhana Samat, S\*<sup>1</sup>; Zulaikha Badrul Hisham, B<sup>1</sup>; Nor Azmi Md Nor, N<sup>1</sup>; Muhammad Basir Mongundal, M<sup>1</sup>; Wan Iryani Wan Ismail, W<sup>1</sup>; Fuzina Nor Hussein, F<sup>2</sup>  
<sup>1</sup>UiTM Puncak Alam, Selangor, Malaysia; <sup>2</sup>UPM, Serdang, Malaysia

#### T3:S15.16

E4orf1: A Novel Protein Reproducibly Improves Glycemic Control In High-fat Fed Mice  
Na, H\*<sup>1</sup>; Na, H\*<sup>2</sup>; Hegde, V; Hegde, V; Dubuisson, O; Dubuisson, O; Dhurandhar, N; Dhurandhar, N  
Pennington Biomedical Research Center, USA

#### T3:S15.17

Visceral Adiposity Index In Older Adults: Associations With Physical Functions And Cardiometabolic Risk  
Farah, N\*<sup>1</sup>; Muhammad Kamil, C<sup>2</sup>; Henry, L<sup>1</sup>  
<sup>1</sup>Universiti Kebangsaan Malaysia, Malaysia; <sup>2</sup>Islamic International University of Malaysia, Malaysia

#### T3:S15.18

Secular Trends Of The Impact Of Obesity On Hypertension In Japan, 1980-2010  
Nagai, M\*<sup>1</sup>; Ohkubo, O<sup>2</sup>; Murakami, M<sup>1</sup>; Takashima, T<sup>1</sup>; Kadota, K<sup>3</sup>; Miyagawa, M<sup>1</sup>; Saito, S<sup>1</sup>; Zaid, Z<sup>1</sup>; Nishi, N<sup>4</sup>; Okuda, O<sup>4</sup>; Kiyohara, K<sup>5</sup>; Nakagawa, N<sup>6</sup>; Nakamura, N<sup>7</sup>; Fujiyoshi, F<sup>1</sup>; Okamura, O<sup>8</sup>; Okayama, O<sup>9</sup>; Ueshima, U<sup>1</sup>; Miura, M<sup>1</sup>  
<sup>1</sup>Shiga University of Medical Science, Japan; <sup>2</sup>Teikyo University School of Medicine, Japan; <sup>3</sup>Osaka Kyoiku University, Japan; <sup>4</sup>National Institute of Health and Nutrition, Japan; <sup>5</sup>Kyushu University, Japan; <sup>6</sup>Kanazawa Medical

University, Japan; <sup>7</sup>Jichi Medical University, Japan; <sup>8</sup>Keio University, Japan; <sup>9</sup>Japan Anti-Tuberculosis Association, Japan

#### T3:S15.19

Early Impairment Of 24h Blood Pressure Profiles And Cardiovascular Function In Obese Compared To Lean Children  
Körner, A\*<sup>1</sup>; Scheuermann, K; Neef, M; Berthold, A; Vogel, M; Kiess, W; Erbs, S  
University of Leipzig, Germany

#### T3:S15.20

Obesity And Chronic Complications In Newly Diagnosed Diabetes Patients  
Morosanu, M<sup>1</sup>; Morosanu, A\*<sup>2</sup>  
<sup>1</sup>Emergency Clinical County Hospital Galati, Romania; <sup>2</sup>CMI Dr. Morosanu Magdalena, Galati, Romania

#### T3:S15.21

The Imbalance Within Fat Component Of Students' Diet As A Risk Factor Of Overweight, Obesity And Cardiovascular Disease  
Korolev, A\*<sup>1</sup>; Minnibaev, T; Nikitenko, E; Denisova, E; Timoshenko, K  
I.M. Sechenov First Moscow State Medical University, Russian Federation

#### T3:S15.22

Ace2 Activation Prevents Leptin Induced Increases In Blood Pressure, Proteinuria During Pregnancy In Rats  
Ibrahim, H\*<sup>1</sup>; Froemming, G; Omar, E; Singh, H  
Faculty of Medicine-UiTM, Malaysia

#### T3:S15.23

Potential Biomarkers For Insulin Resistance And Atherosclerosis Among Type 2 Diabetes Mellitus Patients With Coronary Artery Disease  
Syed Ikmal Hj, S\*<sup>1</sup>; Zaman Huri, H; Vethakkan, V; Wan Ahmad, W  
University Of Malaya, Malaysia

#### T3:S15.24

Metabolically Healthy Obesity And The Risk Of Cardiovascular Disease And Type 2 Diabetes: The Whitehall II Cohort Study  
Hinnouho, G\*<sup>1</sup>; Czernichow, S<sup>1</sup>; Dugravot, A<sup>1</sup>; Nabi, H<sup>1</sup>; Brunner, E<sup>2</sup>; Kivimaki, M<sup>2</sup>; Singh-Manoux,

## TRACK 3 – FROM HEALTHY WEIGHT TO WEIGHT-RELATED PATHOLOGIES

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### T3:S15.25

The Trends Of Overweight And Obesity Among Lithuanian Population From 1994 To 2012  
Kriaucioniene, V\*; Petkeviciene, J  
Lithuanian University of Health Sciences, Medical Academy, Lithuania

### T3:S15.26

Correlation Between Anthropometric Measures And Cardiometabolic Risk Factors In 13-Year-Old Urban Malaysian  
ZAHARAN, N\*; Zaharan, N; Jalaludin, M; Moy, F; Mohamed, M; Mohamed, Z  
UNIVERSITY OF MALAYA, Malaysia

### T3:S15.27

The Differences In Body Composition Before And After Dialysis And The Relationship Between Body Composition And Blood Lipid Parameters In Patients Undergoing Hemodialysis  
Noguchi, M\*<sup>1</sup>; Kimura, A<sup>2</sup>; Yamaguchi, S<sup>3</sup>; Koshino, Y<sup>3</sup>  
<sup>1</sup>Kinjo University, Japan; <sup>2</sup>Gunma Pax College, Japan; <sup>3</sup>Mizuho Hospital, Japan

### T3:S15.28

The Effect Of Acute And Chronic Exogenous Leptin Administration On Whole Body Insulin Sensitivity Index In The Sprague-Dawley Rat  
Gnanou, J\*<sup>1</sup>; Khalil, W<sup>2</sup>; Caszo, B<sup>1</sup>; Singh, H<sup>2</sup>  
<sup>1</sup>Faculty of Medicine and Defence Health, National Defence University of Malaysia, Malaysia; <sup>2</sup>Faculty of Medicine, Universiti Teknologi MARA, Malaysia

### T3:S15.29

The Effect Of Leptin On TGF- 1/ Smad Pathway And BMP 7 Expression In Spontaneously Hypertensive Rats  
Farizatul, W<sup>1</sup>; Zanariah, A<sup>2</sup>; Caszo, B\*<sup>1</sup>; Gnanou, J<sup>1</sup>; Singh, H<sup>2</sup>  
<sup>1</sup>Faculty of Medicine and Defence Health, National Defence University of Malaysia, Malaysia; <sup>2</sup>Faculty of Medicine, Universiti Teknologi MARA, Malaysia

### T3:S15.30

Ethnic Differences In The Relationships Of Adiposity, Insulin Resistance And Type 2 Diabetes  
Yoon, Y\*<sup>1</sup>; Oh, S<sup>2</sup>  
<sup>1</sup>Department of Family Medicine, Inje University Ilsan Paik Hospital, Korea, Republic of; <sup>2</sup>Department of Family Medicine, Center for Obesity, Metabolism and Nutrition, Dongguk University Ilsan Hospital, Korea, Republic of

### T3:S15.31

Association Between Small Dense Low Density Lipoprotein (sdLDL) And Metabolic Syndrome - A Preliminary Data  
Mohd Nasir, N\*<sup>1</sup>; Abdul Rahman, T<sup>1</sup>; Saimin, H<sup>1</sup>; Nawawi, H<sup>1</sup>; Mohd Ismail, A<sup>2</sup>; Abdul Razak, S<sup>2</sup>; Md Yasin, M<sup>2</sup>  
<sup>1</sup>Faculty of Medicine, Universiti Teknologi MARA, Sungai Buloh Campus, Selangor, Malaysia; <sup>2</sup>Faculty of Medicine, Universiti Teknologi MARA, Sungai Buloh Campus, Selangor, Malaysia, Malaysia

### T3:S15.32

Alarming Obesity Trends And Associated Risk Factors Among South Asian Immigrants In The United Arab Emirates  
Shah, S\*<sup>1</sup>; Loney, T<sup>1</sup>; Dhaheri, S<sup>2</sup>; Vatanparast, H<sup>3</sup>; Elbarazi, I<sup>1</sup>; Blair, I<sup>1</sup>; Ali, R<sup>1</sup>

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### T3:S15.33

Prevalence Of Metabolic Syndrome Among The Endangered Orang Asli (Aborigines) Tribes In Malaysia  
Jan Mohamed, H\*<sup>1</sup>; Ashari, L<sup>1</sup>; Teh, L<sup>2</sup>; Salleh, M<sup>2</sup>  
<sup>1</sup>Universiti Sains Malaysia, Malaysia; <sup>2</sup>Universiti Teknologi Mara, Malaysia

### T3:S15.34

Assessing The Effects Of Intermittent Energy Restriction (IER) On Postprandial Glucose Tolerance And Insulin Secretion In A Cohort Of Healthy, Non-

obese Volunteers: Study Protocol  
Johnston, K\*<sup>1</sup>; Canaj, R<sup>2</sup>; Collins, A<sup>2</sup>; Rona, R<sup>3</sup>; Robertson, M<sup>2</sup>  
<sup>1</sup>Lighterlife Ltd, United Kingdom; <sup>2</sup>University of Surrey, United Kingdom; <sup>3</sup>Lighterlife, United Kingdom

### T3:S15.35

Women Of Asian Origin Have An Increased Prevalence Of Polycystic Ovarian Syndrome (PCOS) Which Presents At A Younger Age And Lower Weight Than Their Caucasian Counterparts  
Johnston, K\*<sup>1</sup>; Nikokavoura, E<sup>2</sup>; Broom, I<sup>2</sup>; Wrieden, W<sup>2</sup>; Love, J<sup>2</sup>; Rolland, C<sup>2</sup>  
<sup>1</sup>Lighterlife Ltd, United Kingdom; <sup>2</sup>Robert Gordon University, United Kingdom

### T3:S15.36

Arterial Elasticity In Obese Adolescents With Insulin Resistance  
Ho, M\*<sup>1</sup>; Benitez-Aguirre, P<sup>2</sup>; Donoghue, K<sup>2</sup>; Mitchell, P<sup>3</sup>; Baur, L<sup>1</sup>; Jenkins, A<sup>4</sup>; Craig, M<sup>5</sup>; Cowell, C<sup>5</sup>; Garnett, S<sup>5</sup>  
<sup>1</sup>University of Sydney, Australia; <sup>2</sup>The Children's Hospital at Westmead, Australia; <sup>3</sup>Centre for Vision Research, Westmead Millennium Institute, Australia; <sup>4</sup>University of Melbourne, Australia; <sup>5</sup>The Children's Hospital at Westmead, Australia

### T3:S15.37

Dietary Potassium Intake And Vascular Function  
Clifton, P\*<sup>1</sup>; Petersen, K<sup>1</sup>; Blanch, N<sup>1</sup>; Willoughby, S<sup>2</sup>; Keogh, J<sup>1</sup>  
<sup>1</sup>University of South Australia, Australia; <sup>2</sup>University of Adelaide and Royal Adelaide Hospital, Australia

### T3:S15.38

Trends In Obesity And Diabetes Prevalence In Fiji: 1980-2011  
Lin, S\*<sup>1</sup>; Lewycka, S; Taylor, R  
University of New South Wales, Australia

Dietary Quality And Arterial Compliance In A Cohort Of People With Type 1 And Type 2 Diabetes  
Clifton, P\*<sup>1</sup>; Keogh, J; Petersen, K  
University of South Australia, Australia

### T3:S15.40

Discrepancy Between The Prevalence Of Obesity And Of CVD Among Sixteen Administrative Districts In Korea  
Kim, K\*<sup>1</sup>; Kim, S; Hwang, I; Ko, K; Suh, H  
Gachon University Gil Medical Center, Korea, Republic of

### T3:S15.41

Association Of Helicobacter Pylori Infection With Metabolic Syndrome Among Taiwanese Adults:Diagnosis By Carbon 13 Labeled Urea Breath Test  
Yang, K\*<sup>1</sup>; Chen, T<sup>1</sup>; Lai, H<sup>1</sup>; Hung, H<sup>1</sup>; Chen, M<sup>1</sup>; Huang, K<sup>2</sup>  
<sup>1</sup>Family Medicine Department, National Taiwan University Hospital, Hsin-Chu Branch, Taiwan; <sup>2</sup>Family Medicine Department, National Taiwan University Hospital, Taiwan

### T3:S15.42

Body Mass Index And Coronary Heart Disease Incidence And Mortality In The Million Women Study  
Canoy, D\*<sup>1</sup>; Cairns, B; Balkwill, A; Wright, F; Reeves, G; Green, J; Beral, V  
University of Oxford, United Kingdom

### T3:S15.43

Effect Of Fat Distribution On Cardiovascular Reactivity To Orthostatic Change In Young Adult College Students: A Preliminary Study  
Ghosh, S\*<sup>1</sup>; Aung, K; Tejani, J; Loh, Y; Subramaniam, V  
MAHSA University, Malaysia

### T3:S15.44

Enhanced Endogenous Prostanoid Activity Could Explain The Attenuated Endothelial-dependent Relaxation Of Omental Fat Blood Vessels In Morbid Obesity.  
Bakhamis, A\*<sup>1</sup>; Orie, N<sup>1</sup>; Al-Jaber, M<sup>1</sup>; Moataz, B<sup>2</sup>; Alsayrafi, M<sup>1</sup>; Mohamed-Ali, V<sup>1</sup>  
<sup>1</sup>Anti Doping Lab Qatar, Qatar; <sup>2</sup>Hamad Hospital, Qatar

### T3:S15.45

Ramipril/amlodipine Single Pill - Effectiveness, Tolerance And Patient Satisfaction With Antihypertensive Therapy In Relation To Nutritional Status  
Olszanecka-Glinianowicz, M<sup>1</sup>; Smetka, M<sup>2</sup>; Almgren-Rachtan,

A<sup>3</sup>; Chudek, J\*<sup>2</sup>

<sup>1</sup>Health Promotion and Obesity Management Unit, Department of Pathophysiology, Poland; <sup>2</sup>Pathophysiology Unit, Department of Pathophysiology, Medical University of Silesia, Katowice, Poland; <sup>3</sup>Pharmacovigilance Unit, Europharma M. Rachtan Sp. z o.o., Poland

### T3:S15.46

The Impact Of Overweight And Obesity On Health-related Quality Of Life And Blood Pressure Control In Hypertensive Patients  
Olszanecka-Glinianowicz, M\*<sup>1</sup>; Zygmuntowicz, M<sup>2</sup>; Owczarek, A<sup>3</sup>; Elibol, A<sup>4</sup>; Chudek, J<sup>4</sup>  
<sup>1</sup>Health Promotion and Obesity Management Unit, Department of Pathophysiology, Poland; <sup>2</sup>Pathophysiology Unit, Department of Pathophysiology, Poland; <sup>3</sup>Division of Statistics, Department of Instrumental Analysis, Poland; <sup>4</sup>Pathophysiology Unit, Department of Pathophysiology, Medical University of Silesia, Katowice, Poland

### T3:S15.47

Sagittal Abdominal Diameter For Assessing Abdominal Adiposity In A Representative Sample Of USA Adults  
Kahn, H\*<sup>1</sup>; Gu, Q<sup>2</sup>; Bullard, K<sup>1</sup>; Ahluwalia, N<sup>2</sup>; Ogden, C<sup>2</sup>  
<sup>1</sup>Centers for Disease Control & Prevention, USA; <sup>2</sup>National Center for Health Statistics, USA

### T3:S15.48

The Relationship Between Body Mass Index (BMI) And One-hour Glucose Level In Oral Glucose Tolerance Test (OGTT) In A Romanian Rural Population  
Mihalache, L\*<sup>1</sup>; Arhire, L; Nita, O; Popescu, D; Onofriescu, A; Graur, M  
"Grigore T. Popa" University of Medicine and Pharmacy, Romania

### T3:S15.49

Fasting Glucose Levels Are Higher Among Young Obese Children In Sweden Than In Poland  
Hagman, E\*<sup>1</sup>; Ighani Arani, P<sup>2</sup>; Fischer, M<sup>1</sup>; Danielsson, P<sup>1</sup>; Petriczko, E<sup>2</sup>; Marcus, C<sup>1</sup>  
<sup>1</sup>Karolinska Institutet, Sweden; <sup>2</sup>Pomeranian Medical University, Poland

### T3:S15.50

Effects Of 8 Weeks Of CPAP On Lipid-based Oxidative Markers In Obstructive Sleep Apnoea: A Randomised Trial  
Sivam, S<sup>1</sup>; Witting, P<sup>2</sup>; Hoyos, C<sup>3</sup>; Maw, A<sup>4</sup>; Yee, B<sup>3</sup>; Grunstein, R<sup>3</sup>; Phillips, C\*<sup>3</sup>

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### T3:S15.51

The Impact Of Nutritional Habits On Body Mass And Fetal Development In Young Women  
Kostrzewa-Tarnowska, A\*<sup>1</sup>; Czlapka-Matysik, M; Mierkiewicz, J  
Dept of Human Nutrition and Hygiene, Poznan Univ of Life Sciences, Poland

### T3:S15.52

Body Mass Index, Abdominal Fatness And Risk Of Gallbladder Disease: A Systematic Review And Dose-response Meta-analysis Of Cohort Studies  
Aune, D\*<sup>1</sup>; Norat, T<sup>2</sup>; Vatten, L<sup>3</sup>  
<sup>1</sup>Norwegian University of Science and Technology and Imperial College London, United Kingdom; <sup>2</sup>Department of Epidemiology and Biostatistics, Imperial College, London, United Kingdom; <sup>3</sup>Department of Public Health, Faculty of Medicine, Norwegian University of Science and Technology, Norway

### T3:S15.53

Body Mass Index And The Risk Of Gout: A Systematic Review And Dose-response Meta-analysis Of Prospective Studies  
Aune, D\*<sup>1</sup>; Norat, T<sup>2</sup>; Vatten, L<sup>3</sup>  
<sup>1</sup>Norwegian University of Science and Technology, Norway and Imperial College London, United Kingdom, United Kingdom; <sup>2</sup>Department of Epidemiology and Biostatistics, School of Public Health, Imperial College London, London, United Kingdom; <sup>3</sup>Department of Public Health, Faculty of Medicine, Norwegian University of Science and Technology, Trondheim, Norway

### T3:S15.54

Circulating Adipokines In Healthy Versus Unhealthy Overweight And Obese Subjects  
Alfadda, A\*  
Obesity Research Center, College of Medicine, King Saud University, Saudi Arabia

### T3:S15.55

Should We Start With Drug Treatment Of Hypertension In Obese Children?  
Danielsson, P\*<sup>1</sup>; Kowalski, J; Marcus, C  
Karolinska Institutet, Sweden

### T3:S15.56

The Effect Of HIV And The Modifying Effect Of Anti-Retroviral Therapy (ART) On Body Mass Index (BMI) And Blood Pressure Levels In Rural South Africa  
Feigl, A\*<sup>1</sup>; Tanser, F<sup>2</sup>; Newell, M<sup>2</sup>; Barnighausen, T<sup>3</sup>  
<sup>1</sup>Harvard University, USA; <sup>2</sup>Africa Centre for Health and Population Studies, University of KwaZulu-Natal, Mtubatuba, South Africa; <sup>3</sup>Harvard University, Harvard School of Public Health, USA

### T3:S15.57

Prevalence And Determinants Of Type 2 Diabetes And Metabolic Syndrome Among Urban Adults 20-60 Years Old In Hyderabad, South India  
Avula, L\*  
National Institute of Nutrition, ICMR, India

### T3:S15.58

Relationship Between Adipocytokines And Cardiovascular Risk In Patients With Type 2 Diabetes And Obesity  
Dragut, R\*<sup>1</sup>; Rusu, E<sup>2</sup>; Nan, R<sup>2</sup>; Parpala, C<sup>1</sup>; Rusu, F<sup>3</sup>; Constantinescu, C<sup>2</sup>; Tocaci, G<sup>4</sup>; Radulian, G<sup>2</sup>  
<sup>1</sup>Prof. N. Paulescu" Diabetes, Nutrition and Metabolic Diseases Institute, Bucharest, Romania; <sup>2</sup>"Carol Davila" University of Medicine, Bucharest, Romania; <sup>3</sup>"Carol Davila" Emergency Military Shams University, Cairo, Egypt; <sup>4</sup>Department of Pharmacology and Toxicology, Faculty of Pharmacy, King Abdulaziz University, Jeddah, Saudi Arabia

### T3:S15.59

Prevalence And Socio-demographic Factors Associated With Obesity Among Elderly In Malaysia  
A.Manickam, M\*<sup>1</sup>; Cheong, S; Ahmad Ali, Z; Azli, B; Noor Safiza, M; Nur Shahida, A; Nor Azian, M; Hatta Mutalip, M  
Institute Of Public Health, Malaysia

### T3:S15.60

Weight Changes Among Iranian Type 2 Diabetic Patients Pre To Post Diagnosis  
Mohammadi, S\*<sup>1</sup>; Norimah, A<sup>1</sup>; Ruzita, A<sup>1</sup>; Amani, R<sup>2</sup>  
<sup>1</sup>Universiti Kebangsaan Malaysia (UKM), Malaysia; <sup>2</sup>Jondi Shapour University of Medical Science, Iran

### T3:S15.61

Association Between Obesity Parameters With Cardiovascular Risk Factors  
Wan Ahmad, W\*<sup>1</sup>; Ahmad, R; Alicezah, M; Nadzimah, M; Muid, S; Rahman, T; Nawawi, H  
Universiti Teknologi Mara, Malaysia

### T3:S15.62

Prothrombogenesis In Centrally Obese Subjects With Or Without Metabolic Syndrome  
Saimin, H\*<sup>1</sup>; Mohd Nasir, N; Rahman, T; Mohd Ismail, A; Abdul Razak, S; Mazapuspavina, M; Nawawi, H  
Universiti Teknologi MARA (UiTM) Sg Buloh, Malaysia

### TRACK 3: SESSION 16: Cancer – from epidemiology through mechanisms to outcome

### T3:S16.06

Effect Of Leptin On Prostate Cells: Emphasis On Estrogen Metabolism  
Mosli, H\*<sup>1</sup>; Habib, C<sup>2</sup>; Al-Abd, A<sup>3</sup>; Tolba, M<sup>2</sup>; Khalifa, A<sup>2</sup>; Khedr, A<sup>3</sup>; Abdel-Naim, A<sup>3</sup>  
<sup>1</sup>King Abdulaziz University, Saudi Arabia; <sup>2</sup>Department of Pharmacology and Toxicology, Faculty of Pharmacy, Ain Shams University, Cairo, Egypt; <sup>3</sup>Department of Pharmacology and Toxicology, Faculty of Pharmacy, King Abdulaziz University, Jeddah, Saudi Arabia

## TRACK 3 – FROM HEALTHY WEIGHT TO WEIGHT-RELATED PATHOLOGIES

### T3:S16.07

Exploring The Feasibility Of Investigating The Impact Of Diet-induced Weight Loss On Biomarkers For Colorectal Cancer: The Intercept Study  
Beeken, R<sup>\*1</sup>; Croker, H<sup>1</sup>; Obichere, A<sup>2</sup>; Finer, N<sup>2</sup>; Gunter, M<sup>3</sup>; Wardle, J<sup>1</sup>  
<sup>1</sup>University College London, United Kingdom; <sup>2</sup>University College London Hospital, United Kingdom; <sup>3</sup>Imperial College London, United Kingdom

### T3:S16.08

Weight Gain And Level Of Physical Activity Among Iranian Breast Cancer Survivors  
Mohammadi, S<sup>\*1</sup>; Suhaina, S<sup>1</sup>; Poh, B<sup>1</sup>; Amani, R<sup>2</sup>  
<sup>1</sup>Universiti Kebangsaan Malaysia (UKM), Malaysia; <sup>2</sup>Jondi Shapour University of Medical Sciences, Iran

### T3:S16.09

A Randomised Feasibility Trial Of Weight Watchers Groups With Additional Dietetic Support Compared To Weight Watchers Groups Only In Women Treated For Breast Cancer: The BRIGHT Study  
Newlands, R<sup>\*</sup>; Craig, L; Clark, J; McNeill, G; Hoddinott, p; Heys, S  
University of Aberdeen, United Kingdom

### T3:S16.10

Prospective Study Of Physical Activity, Body Mass Index And Risk Of Post-menopausal Breast Cancer  
Trolle Lagerros, Y<sup>\*1</sup>; Marrone, G<sup>1</sup>; Ye, W<sup>1</sup>; Nyrén, O<sup>1</sup>; Adami, H<sup>2</sup>; Mariosa, D<sup>1</sup>; Bellocco, R<sup>3</sup>  
<sup>1</sup>Karolinska Institutet, Sweden; <sup>2</sup>Harvard School of Public Health, USA; <sup>3</sup>University of Milano-Bicocca, Italy

### T3:S16.11

Obesity And Breast Cancer Risk In Malaysia: An Insight  
Shahril, M<sup>\*1</sup>; Suhaina, S<sup>2</sup>; Wafa, S<sup>1</sup>; Shaharudin, S<sup>2</sup>; Emran, N<sup>3</sup>; Rohaizak, M<sup>4</sup>; Fuad, I<sup>5</sup>; Sharifah, N<sup>6</sup>  
<sup>1</sup>School of Nutrition & Dietetics, Faculty of Medicine & Health Sciences, University of Sultan Zainal Abidin, Malaysia; <sup>2</sup>School of Healthcare Sciences, Faculty of Health Sciences, Universiti Kebangsaan Malaysia, Malaysia; <sup>3</sup>Department of

Surgery, Hospital Kuala Lumpur, Malaysia; <sup>4</sup>Department of Surgery, Faculty of Medicine, Universiti Kebangsaan Malaysia, Malaysia; <sup>5</sup>Department of Radiotherapy & Oncology, Faculty of Medicine, Universiti Kebangsaan Malaysia, Malaysia; <sup>6</sup>Department of Pathology, Faculty of Medicine, Universiti Kebangsaan Malaysia, Malaysia

### T3:S16.12

Anthropometric Factors And Endometrial Cancer Risk: A Systematic Review And Meta-analysis Of Prospective Studies In The WCRF/AICR Continuous Update Project  
Aune, D<sup>\*1</sup>; Navarro Rosenblatt, D<sup>2</sup>; Chan, D<sup>2</sup>; Vingeliene, S<sup>3</sup>; Abar, L<sup>3</sup>; Vieira, R<sup>3</sup>; Vieira, A<sup>3</sup>; Greenwood, D<sup>4</sup>; Norat, T<sup>2</sup>  
<sup>1</sup>Imperial College London, United Kingdom; <sup>2</sup>Department of Epidemiology and Biostatistics, Imperial College, London, United Kingdom; <sup>3</sup>Department of Epidemiology and Biostatistics, Imperial College London, United Kingdom; <sup>4</sup>Biostatistics Unit, Centre for Epidemiology and Biostatistics, University of Leeds, Leeds, United Kingdom

### T3:S16.13

Antioxidant-Rich Weight Reduction Dietotherapy Influence On Sex Hormones Metabolism  
Kostrzewa-Tarnowska, A<sup>\*</sup>; Czapka-Matyasik, M; Mierkiewicz, J; Fejfer, M; Jeszka, J  
Dept of Human Nutrition and Hygiene, Poznan Univ of Life Sciences, Poland

### T3:S16.14

Anthropometric Factors And Ovarian Cancer Risk: A Systematic Review And Meta-analysis Of Prospective Studies In The WCRF/AICR Continuous Update Project  
Aune, D<sup>\*1</sup>; Navarro Rosenblatt, D<sup>2</sup>; Chan, D<sup>2</sup>; Abar, L<sup>2</sup>; Vingeliene, S<sup>2</sup>; Vieira, A<sup>2</sup>; Greenwood, D<sup>3</sup>; Norat, T<sup>2</sup>  
<sup>1</sup>Imperial College London and the Norwegian University of Science and Technology, United Kingdom; <sup>2</sup>Department of Epidemiology and Biostatistics, Imperial College, London, United Kingdom; <sup>3</sup>Biostatistics Unit, Centre for Epidemiology and Biostatistics, University of

Leeds, United Kingdom

### T3:S16.15

Sitting Time And Body Mass Index Of Malaysian Cancer Survivors  
Sulaiman, S<sup>\*1</sup>; Reilly, J<sup>2</sup>; Abdul Rahman, A<sup>1</sup>; Shahril, M<sup>3</sup>; Biswa, M<sup>4</sup>; Othman, Z<sup>5</sup>  
<sup>1</sup>Universiti Kebangsaan Malaysia, Malaysia; <sup>2</sup>University of Strathclyde, United Kingdom; <sup>3</sup>Universiti Sultan Zainal Abidin, Malaysia; <sup>4</sup>Universiti Sains Malaysia Medical Center, Malaysia; <sup>5</sup>Kuala Lumpur Hospital, Malaysia

### T3:S16.16

BMI And Gallbladder Cancer Risk: A Systematic Review And Meta-analysis Of Prospective Studies.  
Navarro-Rosenblatt, D<sup>\*1</sup>; Aune, D<sup>2</sup>; Vingeliene, S<sup>2</sup>; Abar, L<sup>2</sup>; Vieira, A<sup>2</sup>; Chan, D<sup>2</sup>; Norat, T<sup>2</sup>  
<sup>1</sup>Imperial College, United Kingdom; <sup>2</sup>Imperial College London, United Kingdom

### T3:S16.17

Reving-Up Exercise For Sustained Weight Loss By Altering Neurological Reward & Drive (REWARD): A Randomized Trial In Obese Endometrial Cancer Survivors  
Nock, N<sup>\*1</sup>; Dimitropoulos, A<sup>1</sup>; Rao, S<sup>2</sup>; Kirwan, J<sup>2</sup>; Alberts, J<sup>2</sup>  
<sup>1</sup>Case Western Reserve University, USA; <sup>2</sup>Cleveland Clinic, USA

### TRACK 3: SESSION 18: Macronutrients and insulin resistance

### T3:S18.07

Egg White Hydrolysate Suppresses Muscular Fat Accumulation By Regulating Fatty Acids Composition In Rats  
Ochiai, M<sup>\*</sup>; Matsuo, T  
Kagawa University, Japan

### T3:S18.08

Glycemic Index Values May Be Correlated With Body Composition: Preliminary Findings  
Pertiwi, K<sup>\*</sup>; Kurniati, A; Antono, L; Sie, S; Wu, M  
Nutrifood Research Center, Indonesia

### T3:S18.09

Women With Previous Gestational Diabetes Mellitus Achieve Clinically Significant Weight Loss On Low Glycaemic Index Diets  
Shyam, S<sup>\*1</sup>; Arshad, F<sup>1</sup>; Abdul Ghani, R<sup>2</sup>; Abdul Wahab, N<sup>2</sup>; Barakatun Nisak, M<sup>3</sup>; Safii, N<sup>2</sup>; Chinna, K<sup>4</sup>; Kamaruddin, N<sup>2</sup>  
<sup>1</sup>International Medical University, Malaysia; <sup>2</sup>Universiti Kebangsaan Malaysia, Malaysia; <sup>3</sup>Universiti Putra Malaysia, Malaysia; <sup>4</sup>University of Malaya, Malaysia

### T3:S18.10

No Effect Of The Type Of Sugar On Whole Body Or Hepatic Insulin Resistance  
Angelopoulos, T<sup>\*1</sup>; Lowndes, J<sup>2</sup>; Rippe, J<sup>2</sup>  
<sup>1</sup>University of Central Florida, USA; <sup>2</sup>Rippe Lifestyle Institute, USA

### T3:S18.11

Effects Of A Low-carbohydrate And A Low-fat Diet On Weight Loss In Obese Mice  
Yamazaki, T<sup>\*</sup>  
Department of Nutritional Science, National Institute of Health and Nutrition, Japan

### T3:S18.12

Influence Of Energy Balance And Glycemic Index On Metabolic Endotoxemia In Healthy Men  
Breusing, <sup>1</sup>; Lagerpusch, M<sup>2</sup>; Engstler, J<sup>3</sup>; Bergheim, I<sup>3</sup>; Müller, M<sup>2</sup>; Bomy-Westphal, A<sup>\*1</sup>  
<sup>1</sup>University of Hohenheim, Institute of Nutritional Medicine, Germany; <sup>2</sup>Christian-Albrechts-University Kiel, Institute of Human Nutrition and Food Science, Germany; <sup>3</sup>Friedrich-Schiller-University Jena, Institute of Nutrition, Germany

### T3:S18.13

White Rice-Based Diet Induced Diabetes Phenomenon In Rat Model  
Jeevetha, S<sup>1</sup>; Barakatun-Nisak, M<sup>\*1</sup>; Amin, I<sup>1</sup>; Azrina, A<sup>1</sup>; Nor Azmi, K<sup>2</sup>  
<sup>1</sup>Universiti Putra Malaysia, Malaysia; <sup>2</sup>Universiti Kebangsaan Malaysia, Malaysia

### T3:S18.14

Effects Of Diet-induced Obesity On The Gonadal Axis And Metabolic Hormones In The Male Rabbit.  
Soltani, Y<sup>\*</sup>; AKlil Badia, A; Mokrani Zoulikha, M; Hamouli Zohra, H; HadjBekkouche Fatima, H  
Laboratory of biology and physiology of organisms (LBPO), USTHB, faculty of biological sciences., BP32, BabEzzouar, 16111, Al, Algeria

### T3:S18.15

Effects Of Exchanging Dietary Saturated Fatty Acids Or Carbohydrate For Monounsaturated Fatty Acids On Inflammatory Responses In Abdominally Obese Malaysians: A Randomized Controlled Trial  
Chang, L<sup>\*1</sup>; Vethakkan, S<sup>1</sup>; Nesaretnam, K<sup>2</sup>; Teng, K<sup>3</sup>  
<sup>1</sup>Department of Medicine, Faculty of Medicine, University of Malaya (UM)., Malaysia; <sup>2</sup>Embassy of Malaysia and Mission of Malaysia to the European Union, Malaysian Palm Oil Board (MPOB)., Belgium; <sup>3</sup>Nutrition Unit, Department of Product Development and Advisory Services, Malaysian Palm Oil Board (MPOB)., Malaysia

## TRACK 4 – FROM NUTRITION, EXERCISE, AND PSYCHOLOGY TO LIFESTYLE

### TRACK 4: SESSION 21: Psychology – eating disorders, depression, stress

#### T4:S21.05

Complex And Psychogenic Obesity Should Be Treated As Eating Disorder  
Daansen, P\*  
PsyQ Eating Disorders and Obesity, Netherlands

#### T4:S21.06

A Longitudinal Investigation Of Overweight Children's Body Perception And Satisfaction During A Weight Loss Intervention  
Truby, H\*<sup>1</sup>; O'Connor, J<sup>1</sup>; Golley, R<sup>2</sup>; Perry, R<sup>3</sup>; Magarey, A<sup>3</sup>  
<sup>1</sup>Monash University, Australia; <sup>2</sup>University of South Australia, Australia; <sup>3</sup>Flinders University, Australia

#### T4:S21.07

An Interpretative Phenomenological Analysis Of Body Image In Obese Men Compared To Women  
McKian, 1\*  
Allameh Tabataba'i University, Iran

#### T4:S21.08

Bi-directional Association Between Depression And Obesity During Childhood And Young Adulthood? A Systematic Review And Meta Analysis Of Longitudinal Association.  
Abdullah Mamun, M<sup>1</sup>; Suhail Doi, M<sup>2</sup>; Alexandra Clavarino, M<sup>3</sup>; Munim Mannan, M\*<sup>3</sup>  
<sup>1</sup>School of Population Health, Australia; <sup>2</sup>School of Population Health, UQ, Australia; <sup>3</sup>School of Pharmacy, Australia

#### T4:S21.09

Inter Relationship Between Obesity, Gender And Depression  
Patankar, M\*  
Insta Sculpt, India

#### T4:S21.10

Are Personality Traits Related To Successful Weight Loss In Obese Women?  
NAdjarzadeh, A\*; Zare Reshkoyeh, R; Hosseini Kasnavieh, F; Teimoorian, M; Ghooreian, M  
Shahid Sadoughi University of Medical Sciences, Iran

#### T4:S21.11

Psychological Changes Following Weight Loss In A Population-based sample Of Overweight And Obese Older Adults  
Jackson, S\*; Steptoe, A; Beeken, R; Kivimaki, M; Wardle, J  
UCL, United Kingdom

#### T4:S21.12

Relationships Between Mood Symptoms And Body Mass Index: A Comparison Of Women Who Gain Weight Excessively During Pregnancy And Those Who Don't.  
McPhie, S; Skouteris, H\*  
Deakin University, Australia

#### T4:S21.13

Does Food Addiction Exist In Australia And Could It Be Related To Gender Or Weight Status?  
Pursej, K; Collins, C\*; Stanwell, P; Burrows, T  
University of Newcastle, Australia

#### T4:S21.14

An Explorative Study Of Early Psychopathology And Obesity: Are Both Child And Parental Factors Associated With Problem Behaviours Measured With The Child Behaviour Checklist (CBCL 1.5-5)?  
Nowicka, P\*; Kader, M; Ek, A; Johansson, E; Larisch, L; Svensson, V; Marcus, C  
Karolinska Institute, Sweden

#### T4:S21.15

"Experience Of Major Life Events During Childhood And Development Of Obesity In Adulthood: A Co-twin Control Study."  
Vámosi, M\*<sup>1</sup>; Jindong Ding, J<sup>2</sup>; Berit Lilienthal Heitmann, B<sup>3</sup>; Kyle Raymond, K<sup>4</sup>  
<sup>1</sup>University of Aarhus, Institute of Public Health, Denmark; <sup>2</sup>University of Southern Denmark, Denmark; <sup>3</sup>, Institute of Preventive Medicine, Research Unit for Dietary Studies, Copenhagen University, Denmark; <sup>4</sup>Institute of preventive medicine, Research Unit for Dietary Studies, Bispebjerg and Frederiksberg Hospitals, Denmark

#### T4:S21.16

Underestimation Of Body Weight Among Trainee Healthcare Professionals: A Cause For Concern In The Prevention And Management Of The Epidemic Of Obesity  
Mahmood, S\*; Freeman, J; Relton, C  
University of Sheffield, United Kingdom

#### T4:S21.17

Screen Time And Quality Of Life Among Obese Adolescents: A HEARTY Study  
Goldfield, G\*<sup>1</sup>; Murray, M<sup>2</sup>; Maras, D<sup>3</sup>; Wilson, A<sup>2</sup>; Phillips, P<sup>4</sup>; Kenny, G<sup>2</sup>; Hadjiyannakis, S<sup>3</sup>; Alberg, A<sup>5</sup>; Sigal, R<sup>5</sup>  
<sup>1</sup>Children's Hospital of Eastern Ontario Research Inst., Canada; <sup>2</sup>University of Ottawa, Canada; <sup>3</sup>Children's Hospital of Eastern Ontario, Canada; <sup>4</sup>Ottawa Hospital Research Institute, Canada; <sup>5</sup>University of Calgary, Canada

#### T4:S21.18

Mixed Dietary Pattern Is Associated To Depressive Symptoms In Pregnancy: Prospective Cohort Study In Rio De Janeiro, Brazil  
Vilela, A; Franco-Sena, A; Mendes, R; Eshriqui, I; Melo, G; Henriques, V; Castro, M; Kac, G\*  
Rio de Janeiro Federal University, Brazil

#### T4:S21.19

Obesity And Poor Mental Health In Young Women: Results From The Australian Longitudinal Study On Women's Health  
Dobson, A\*; Hockey, R; Mishra, G  
University of Queensland, Australia

#### T4:S21.20

The Clinical Obesity Maintenance Model And The Efficacy Of Cognitive Remediation Therapy In Obesity  
Raman, J\*<sup>1</sup>; Hay, P<sup>1</sup>; Smith, E<sup>2</sup>  
<sup>1</sup>University of Western Sydney, Australia; <sup>2</sup>University of New South Wales, Australia

#### T4:S21.21

Self-image In Bariatric Surgery Patients - Could This Be A Predictor Of Weight Loss

Treatment Outcome? de Man Lapidot, J\*  
Karolinska Institutet, Sweden

#### T4:S21.22

HDL-cholesterol Concentration Is Inversely Associated With Depressive Symptoms During Pregnancy: A Prospective Cohort In Rio De Janeiro, Brazil  
Teofilo, M; Farias, D; Vaz, J; Pinto, T; Vilela, A; Kac, G\*  
Federal University Of Rio De Janeiro, Brazil

#### T4:S21.23

Role Of Food Addiction, Depression And Sleep Quality In Night Eating Syndrome  
Nolan, L\*<sup>1</sup>; Geliebter, A<sup>2</sup>  
<sup>1</sup>Wagner College, USA; <sup>2</sup>New York Obesity Nutrition Research Center, Columbia University, USA

#### T4:S21.24

The Effect Of Gender And Age On The Association Between Weight Status And Health-related Quality Of Life In Australian Adolescents  
Millar, K\*<sup>1</sup>; Kremer, P<sup>2</sup>; Rossthorn, N<sup>3</sup>; Moodie, M<sup>4</sup>; Gibbs, L<sup>5</sup>; Waters, E<sup>5</sup>; Swinburn, B<sup>6</sup>; de Silva, A<sup>5</sup>  
<sup>1</sup>WHO Collaborating Centre for Obesity Prevention, Deakin University, Australia; <sup>2</sup>School of Exercise and Nutrition Sciences, Deakin University, Australia; <sup>3</sup>School of Psychology, Deakin University, Australia; <sup>4</sup>Deakin Health Economics, Deakin University, Australia; <sup>5</sup>Jack Brockhoff Child Health and Wellbeing Program, Melbourne School of Population and Global Health, The University of Melbourne, Australia; <sup>6</sup>Population Nutrition and Global Health, University of Auckland, New Zealand

#### T4:S21.25

Severely Obese People With Diabetes Experience Unique Compounding Psychological Stresses And Barriers To Weight Management: Results From Diabetes MILES -- Australia  
Dixon, J\*<sup>1</sup>; Browne, J<sup>2</sup>; Lambert, G<sup>1</sup>; Jones, K<sup>3</sup>; Reddy, P<sup>4</sup>; Pouwer, F<sup>5</sup>; Mosely, K<sup>6</sup>; Rice, T<sup>1</sup>; Speight, J<sup>2</sup>  
<sup>1</sup>Baker IDI Heart & Diabetes Institute, Australia; <sup>2</sup>3. The Australian Centre for Behavioural Research in Diabetes, Australia; <sup>3</sup>Monash

University, Australia;<sup>4</sup>5. University of Newcastle, School of Medicine and Public Health, Australia;<sup>5</sup>Department of Medical Psychology & Neuropsychology, Tilburg University, Netherlands; <sup>6</sup>7. School of Psychology, Australian Catholic University, Australia

#### T4:S21.26

Iron Status, Cognitive Performance And Mental Health In Young Healthy Weight And Obese Women  
Cook, R\*<sup>1</sup>; O'Dwyer, N<sup>2</sup>; Steinbeck, K<sup>3</sup>; Rooney, K<sup>1</sup>; O'Connor, H<sup>1</sup>  
<sup>1</sup>Discipline of Exercise & Sport Science, The University of Sydney, Australia;<sup>2</sup>School of Human Movement Studies, Charles Sturt University, Australia;<sup>3</sup>Academic Department of Adolescent Medicine, The University of Sydney, Australia

#### T4:S21.27

The Relationship Between Body Image Components And Depressive Symptomology Among Adolescents In Australia  
Millar, L\*<sup>1</sup>; Poole, L<sup>1</sup>; Fuller-Tyszkiewicz, M<sup>1</sup>; Allender, S<sup>1</sup>; Nichols, M<sup>1</sup>; Swinburn, B<sup>2</sup>  
<sup>1</sup>Deakin University, Australia; <sup>2</sup>University of Auckland, Australia

#### T4:S21.28

A Longitudinal Assessment Of Oxidative Stress And Anxiety Symptoms In Subjects With Metabolic Syndrome Following A Weight Loss Intervention  
Perez-Cornago, A; de la Iglesia, R; Zulet, M; Martinez, J\*  
University of Navarra, Spain

#### T4:S21.29

Clusters Of Psychological And Behavioural Characteristics Differentiate Between Those Who Are Less And More Successful At Weight Loss Over 6 Months: An Internet Survey  
Myrissa, K\*; Dye, L; Gusnanto, A; Danks, R; Lawton, C  
University of Leeds, United Kingdom

#### T4:S21.30

Healthy Body Mass Index (BMI) Is Predictive Of Greater Happiness Later In Life: A Population-based Study Of Older Persons  
Freak-Poli, R\*<sup>1</sup>; Tiemeier, H<sup>2</sup>

<sup>1</sup>Erasmus MC, The Netherlands & Monash University, Australia, Netherlands; <sup>2</sup>Erasmus MC, Netherlands

#### T4:S21.31

Delay Discounting, Response Inhibition And Trait Impulsiveness: Which Aspects Of Impulsivity Predict Overeating And Overweight?  
Price, M\*<sup>1</sup>; Higgs, S<sup>2</sup>; Lee, M<sup>1</sup>  
<sup>1</sup>Swansea University, United Kingdom; <sup>2</sup>University of Birmingham, United Kingdom

#### T4:S21.32

A 'Western' Dietary Pattern, Adiposity And Inflammation: Pathways To Mental Health Problems And Depression In Adolescents  
Oddy, W\*<sup>1</sup>; Trapp, G<sup>2</sup>; Allen, K<sup>3</sup>; Ambrosini, G<sup>3</sup>; Black, L<sup>3</sup>; Huang, R<sup>3</sup>; Rzehak, P<sup>4</sup>; Beilin, L<sup>5</sup>; Mori, T<sup>5</sup>  
<sup>1</sup>Telethon Institute for Child Health Research, Australia; <sup>2</sup>Telethon Institute for Child Health Research, Australia; <sup>3</sup>Telethon Institute for Child Health Research, University of Western Australia, Australia; <sup>4</sup>University of Munich, Germany; <sup>5</sup>School of Medicine and Pharmacology, University of Western Australia, Australia

#### T4:S21.33

Shared Risk Factors Of Overweight And Disordered Eating In Malaysian Adolescents: Findings From The Malaysian Overweight And Disordered Eating Survey  
Sharifah Intan Zainun, S\*; Chin, Y; Fara Wahida, R; Kaartina, S; Woon, F; Zalilah, M; Mohd Nasir, M  
Universiti Putra Malaysia, Malaysia

#### T4:S21.34

Bi-directional Relationships Between Depression And Weight Gain Over 5 Years In A Cohort Of Young Adults: The Childhood Determinants Of Adult Health Study  
Gall, S\*<sup>1</sup>; Sanderon, K<sup>1</sup>; Smith, K<sup>1</sup>; Patton, G<sup>2</sup>; Dwyer, T<sup>3</sup>; Venn, A<sup>1</sup>  
<sup>1</sup>University of Tasmania, Australia; <sup>2</sup>Royal Children's Hospital, Australia; <sup>3</sup>Murdoch Childrens Research Institute, Australia

#### T4:S21.35

Coexistence Of Obesity And Hunger Among Mexican-Origin Adults In Texas Border Colonias  
Sharkey, J\*  
Program for Research and Outreach-Engagement on Nutrition and Health Disparities, USA

#### T4:S21.36

Perceived Stress, Coping And Eating Behaviours In Maltese Adolescents: Developing An Effective Online Intervention  
Cassola, D\*; de Looy, A; Jones, R  
University of Plymouth, United Kingdom

#### T4:S21.37

Association Between Disordered Eating And Body Weight Status Among Adolescents In Kuala Lumpur, Malaysia  
Kaartina, S\*; Chin, Y; Fara Wahida, R; Woon, F; Zalilah, M; Mohd Nasir, M  
Department of Nutrition & Dietetics, Faculty of Medicine & Health Sciences, Universiti Putra Malaysia, Malaysia

#### T4:S21.38

Nutritional Status And Cognitive Status Among Malaysian Older Adults  
Huiloo, W\*<sup>1</sup>; Zahara, A<sup>1</sup>; Arimi Fitri, M<sup>1</sup>; Normah, C<sup>1</sup>; Rosdinom, R<sup>2</sup>; Mohd Azahadi, O<sup>3</sup>; Suzana, S<sup>1</sup>  
<sup>1</sup>University Kebangsaan Malaysia, Malaysia; <sup>2</sup>Hospital Universiti Kebangsaan Malaysia, Malaysia; <sup>3</sup>Ministry of Health, Malaysia

#### T4:S21.39

Body Mass Index, Body Weight Perception And Control Practices Among Adolescents In Malaysia  
Ahmad Ali, Z\*; Azli, B; Azahadi, O; Mala, M; Cheong, S; Noor Ani, A; Rashidah, A; Mohamad Hasnan, A; Suhaila, A  
Institute for Public Health, Malaysia

## TRACK 5 – FROM LIFESTYLE INTERVENTION TO DRUGS AND SURGERY

### Track 5: Session 24: Bariatric surgery – why, when, which?

#### T5:S24.05

Changes In Body Composition Induced By Pre-operative Liquid Low-Calorie Diet In Morbid Obese Patients Undergoing Roux-en-Y Gastric Bypass Bottin, J\*<sup>1</sup>; Balogun, B<sup>1</sup>; Thomas, E<sup>1</sup>; Fitzpatrick, J<sup>1</sup>; Moorthy, K<sup>1</sup>; Leeds, A<sup>2</sup>; Bell, J<sup>1</sup>; Frost, G<sup>1</sup>  
<sup>1</sup>Imperial College London, United Kingdom; <sup>2</sup>Cambridge Weight Plan, United Kingdom

#### T5:S24.06

Pregnancy After Bariatric/ Metabolic Surgery -- A Study On Weight And In-take Of Nutritional Supplements K.Miller, Jelinek V. Miller, K\*; Jelinek, V Hallein Clinic, Austria

#### T5:S24.07

Bariatric Surgery Affects Addiction To Overeating And Eating Disorders Miller, K\*<sup>1</sup>; Ardelt-Gattinger, E<sup>2</sup>; Weghuber, D<sup>3</sup>; Meindl, M<sup>2</sup>  
<sup>1</sup>Hallein Clinic, Austria; <sup>2</sup>Psychology, University Salzburg, Austria; <sup>3</sup>Pediatrics, Private Medical University, Salzburg, Austria

#### T5:S24.08

Evaluation On The Early Effects Of Bariatric Surgery On The Outcome Of Type 2 Diabetes In Obese Patients Moh, M\*<sup>1</sup>; Lim, S<sup>1</sup>; Lim, B<sup>1</sup>; Subramniam, T<sup>1</sup>; Sum, C<sup>1</sup>; Cheng, A  
Clinical Research Unit, Khoo Teck Puat Hospital, Singapore

#### T5:S24.09

Effects Of Gastric Bypass Surgery On Overweight Patients With Type 2 Diabetes Cai, M\*<sup>1</sup>; Cai, M\*<sup>1</sup>; Gao, H<sup>2</sup>; Gao, H<sup>2</sup>; Speakman, J<sup>2</sup>; Speakman, J<sup>2</sup>  
<sup>1</sup>Institute of Genetics and Developmental Biology, Chinese Academy of Sciences, China; <sup>2</sup>Department Of General Surgery, The General Hospital of Chinese People's Armed Police Forces, China

#### T5:S24.10

Laparoscopic Greater Curvature Plication In Morbidly Obese Women With Type 2 Diabetes:

Effect On Glucose Homeostasis, Postprandial Triglyceridemia And Selected Gut Hormones Bradnova, O\*<sup>1</sup>; Kyrou, I<sup>2</sup>; Hainer, V<sup>1</sup>; Vcelak, J<sup>1</sup>; Halkova, T<sup>1</sup>; Sramkova, P<sup>3</sup>; Dolezalova, K<sup>3</sup>; Fried, M<sup>3</sup>; McTernan, P<sup>2</sup>; Kumar, S<sup>2</sup>; Hill, M<sup>1</sup>; Kunesova, M<sup>1</sup>; Bendlova, B<sup>1</sup>; Vrbikova, J<sup>1</sup>  
<sup>1</sup>Institute of Endocrinology, Czech Republic; <sup>2</sup>University of Warwick, United Kingdom; <sup>3</sup>OB Clinic, Czech Republic

#### T5:S24.11

Bariatric Surgery And Pain - Are We Doing The Right Thing? Kastanias, P\*<sup>1</sup>; Robinson, S<sup>1</sup>; Paat, F<sup>1</sup>; Wang, W<sup>1</sup>; Lopez, C  
University Health Network, Toronto Western Hospital, Canada

#### T5:S24.12

The Effects Of Lifestyle Modification After Bariatric Surgery Lee, Y\*<sup>1</sup>; Choi, H<sup>1</sup>; Heo, Y<sup>1</sup>; Kim, M<sup>1</sup>; Choi, J  
Inha University hospital, Korea, Republic of

#### T5:S24.13

Characteristics Of Patients From A Public Hospital Who Received Bariatric Surgery For Weight Loss Franklin, J\*<sup>1</sup>; Manson, E<sup>1</sup>; Loughnan, G<sup>2</sup>; Picone, T<sup>3</sup>; Markovic, T<sup>1</sup>  
<sup>1</sup>Metabolism and Obesity Services, Australia; <sup>2</sup>Metabolism and Obesity Services, Australia; <sup>3</sup>Metabolism and Obesity Services, Australia

#### T5:S24.14

Pilot Study: Use Of Intra-gastric Balloons And A Lifestyle Support Program To Promote Weight Loss In Severely Obese Adolescents: The BOB Study Reece, L\*<sup>1</sup>; Sachdev, P<sup>2</sup>; Copeland, R<sup>1</sup>; Wright, N<sup>2</sup>; Wales, J<sup>2</sup>  
<sup>1</sup>Sheffield Hallam University, United Kingdom; <sup>2</sup>Sheffield Children's Hospital, United Kingdom

#### T5:S24.15

The Role Of Caloric Restriction In The Early Improvements In Insulin Resistance Following Roux-en-Y Gastric Bypass Schmidt, J\*<sup>1</sup>; Gregersen, N<sup>1</sup>; Pedersen, S<sup>1</sup>; Søndergaard, M<sup>1</sup>; Ritz, C<sup>1</sup>; Hansen, D<sup>2</sup>; Worm,

D<sup>2</sup>; Madsbad, S<sup>3</sup>; Clausen, T<sup>4</sup>; Astrup, A<sup>1</sup>; Holst, J<sup>3</sup>; Sjödin, A<sup>1</sup>  
<sup>1</sup>Department of Nutrition, Exercise and Sports, Faculty of Science, University of Copenhagen, Denmark; <sup>2</sup>Department of Endocrinology, Hvidovre University Hospital, Faculty of Health and Medical Sciences, Denmark; <sup>3</sup>Department of Endocrinology, Hvidovre University Hospital, Faculty of Health and Medical Sciences, Denmark; <sup>4</sup>Novo Nordisk A/S, Denmark; <sup>5</sup>NNF Center for Basic Metabolic Research, Department of Biomedical Sciences, University of Copenhagen, Denmark, Denmark

#### T5:S24.16

A Longitudinal Study Of Pre- To Post-surgery Physical Activity Changes In Women Undergoing Gastric Bypass Surgery Berglind, D\*<sup>1</sup>; Willmer, M<sup>1</sup>; Eriksson, U<sup>2</sup>; Tynelius, P<sup>1</sup>; Näslund, E<sup>3</sup>; Rasmussen, F<sup>1</sup>  
<sup>1</sup>Institute of Public Health, Karolinska Institutet, Sweden; <sup>2</sup>Institute of Epidemiology and Biostatistics, Sweden; <sup>3</sup>Institute of Clinical Sciences, Karolinska Institutet, Sweden

#### T5:S24.17

Psychological Eating Behaviors As Predictors Of 15-year Weight Changes After Surgical And Conventional Treatment For Severe Obesity: Results From The SOS Intervention Study Kontinen, H\*<sup>1</sup>; Peltonen, M<sup>2</sup>; Sjöström, L<sup>3</sup>; Carlsson, L<sup>3</sup>; Karlsson, J<sup>4</sup>  
<sup>1</sup>University of Helsinki, Finland; <sup>2</sup>National Institute for Health and Welfare, Finland; <sup>3</sup>University of Gothenburg, Sweden; <sup>4</sup>Örebro University Hospital; Örebro University, Sweden

#### T5:S24.18

Effects Of Two Surgical Weight Loss Procedures, POSE And RYGB, On First Phase Insulin And GLP-1 Response. AL RASHEID, N\*<sup>1</sup>; Sufi, P<sup>2</sup>; Gray, R<sup>2</sup>; Mohamed-Ali, V<sup>1</sup>  
<sup>1</sup>University College London, United Kingdom; <sup>2</sup>North London Obesity Surgery Service, Whittington Hospital, United Kingdom

#### T5:S24.19

Bariatric Surgery Is Effective In Increasing The Proportion Of Patients Achieving ABC Targets In Type 2 Diabetic Patients In Asia Tham, K\*<sup>1</sup>; Tan, H<sup>1</sup>; Ganguly, S<sup>1</sup>; Eng, A<sup>1</sup>; Ng, C<sup>1</sup>; Chen, X<sup>1</sup>; Pasupathy, S  
Singapore General Hospital, Singapore

#### T5:S24.20

A Longitudinal Study Of Pre- To Post-surgery Physical Activity Changes In Children And Partners' To Women Undergoing Gastric Bypass Surgery Rasmussen, F\*<sup>1</sup>; Willmer, M<sup>2</sup>; Tynelius, P<sup>2</sup>; Näslund, E<sup>3</sup>  
<sup>1</sup>Department of Public Health Sciences, Karolinska Institutet, Sweden; <sup>2</sup>Department of Public Health Sciences, Karolinska Institutet, Sweden; <sup>3</sup>Department of Clinical Sciences, Karolinska Institutet, Sweden

#### T5:S24.22

Using The Rorschach Test To Evaluate Bond And Emotional Regulation In Obese Patients Candidates To Bariatric Surgery Diaz Castrillon, F\*<sup>1</sup>; Chahuan, Diaz, Cruzat, Lizana, S  
University Adolfo Ibañez, Chile

#### T5:S24.23

Short Term Skin Reactions Associated To Sleeve Gastrectomy On 6 Patients. Cuevas, A\*<sup>1</sup>; Gajardo, C<sup>1</sup>; Farias, M<sup>1</sup>; Alvarez, V<sup>1</sup>; Perez-Cotapos, M  
Clinica Las Condes, Chile

#### T5:S24.24

Comparison Study Between Bariatric Surgery And Conventional Treatment On Nutritional Status And Quality Of Life Among Morbidly Obese Malaysian Patients Thu, Y\*<sup>1</sup>; Barakatun Nisak, M<sup>1</sup>; Chin, Y<sup>1</sup>; Gee, T<sup>1</sup>; Rohana, A<sup>2</sup>; Nik, R<sup>2</sup>  
<sup>1</sup>Universiti Putra Malaysia, Malaysia; <sup>2</sup>Universiti Kebangsaan Malaysia, Malaysia

#### T5:S24.25

Durability Of Bariatric Surgery In Maintaining Weight Loss And Good Glycemic Control In Obese Type 2 Diabetic Patients: A Two-year Observational Study. Lee, P\*<sup>1</sup>; Tan, H<sup>1</sup>; Ganguly, S<sup>1</sup>; Pasupathy, S<sup>1</sup>; Eng, A<sup>1</sup>; Tham, K

Singapore General Hospital, Singapore

#### T5:S24.26

Does Intensive Preoperative And Postoperative Glucose Management Influence Glycaemic Outcome Of Roux-en-Y Gastric Bypass Surgery? Chuah, L\*<sup>1</sup>; Miras, A<sup>1</sup>; Noon, J<sup>1</sup>; Jackson, S<sup>1</sup>; Olbers, T<sup>1</sup>; Le Roux, C  
Imperial College Healthcare NHS Trust, United Kingdom

#### T5:S24.27

Cross Sectional Study On Psychological Profile And Psychological Assessment Of Bariatric Patients Before Surgery In Asian Context Lew, Y\*<sup>1</sup>; Tham, K  
Singapore General Hospital, Singapore

#### T5:S24.29

Nutritional Deficiencies Before Bariatric Surgery Wong, H\*<sup>1</sup>; Tham, K  
Singapore General Hospital, Singapore

### Track 5 Session 26: Pharmacotherapy – the Options

#### T5:S26.07

Acupuncture: An Excellent Complementary Treatment For Obesity Feltrim, E\*<sup>1</sup>; Bringel, C  
Instituto HArmonia, Brazil

#### T5:S26.08

Progressive Weight Loss In 207 Obese Hypogonadal Men Treated With Testosterone Undecanoate Up To 72 Months And Time Course And Magnitudes Of Weight Reduction: An Observational Registry Study Saad, F\*<sup>1</sup>; Haider, A<sup>2</sup>; Doros, G<sup>3</sup>; Traish, A<sup>4</sup>  
<sup>1</sup>Bayer Pharma AG, Germany; <sup>2</sup>Private Urology Practice, Germany; <sup>3</sup>Boston University School of Public Health, Dpt. of Biostatistics, USA; <sup>4</sup>Boston University School of Medicine, Dpt. of Biochemistry and Urology, USA

#### T5:S26.09

The Clinical Benefit Of Capsinoids In Obesity Treatments Takeiri, S\*<sup>1</sup>; Maeda, K<sup>1</sup>; Matsumoto, M<sup>1</sup>; Itoh, T

Department of Complementary & Alternative Medicine Osaka University Graduate School of Medicine, Japan

#### T5:S26.10

To Report On The Weight Loss Achieved In 8 Weeks By Japanese Female Patients With BMI „25 On Oak Diet Program Using VLCD, Chinese Herbal Medicine (Bofutsusyosan), Mando, And Colestimide Funabiki, M\*  
Oak Clinic, Japan

#### T5:S26.11

Long-term Treatment With Testosterone Undecanoate Substantially And Sustainably Reduces Weight In Excessively Obese, Hypogonadal Men -- An Observational Study Saad, F\*<sup>1</sup>; Haider, A<sup>2</sup>; Yassin, A<sup>3</sup>; Doros, G<sup>4</sup>; Traish, A<sup>5</sup>  
<sup>1</sup>Bayer Pharma AG, Germany; <sup>2</sup>Private Urology Practice, Germany; <sup>3</sup>Institute for Urology and Andrology, Germany; <sup>4</sup>Boston University School of Public Health, USA; <sup>5</sup>Boston University School of Medicine, Dpt. of Biochemistry and Urology, USA

#### T5:S26.12

Morbid Obese Male And Hypogonadism Kokolic, M\*  
Department of Endocrinology and Diabetology, Internal Clinic, University Clinical Centre Maribor, Slovenia

#### T5:S26.13

Standardized Extracts Of Orthosiphon Stamineus Showed Inhibitory Effects On Pancreatic Lipase And Human Adipocytes Hashim, S\*<sup>1</sup>; Basheer, M<sup>1</sup>; Abdul Majid, A<sup>2</sup>; Ismail, Z<sup>1</sup>; Abdul Majid, A<sup>1</sup>  
<sup>1</sup>School of Pharmaceutical Sciences, Universiti Sains Malaysia, Malaysia; <sup>2</sup>Advanced Medical & Dental Institute (IPPT), Department of Integrative Medicine, USM, Malaysia

#### T5:S26.14

Effects Of Tamarindus Indica Pulp Aqueous Extract On The Regulation Of Body Weight In Experimental Obese Rats Amom, Z\*<sup>1</sup>; Azman, K<sup>2</sup>; Azlan, A<sup>3</sup>; Ithnin, H<sup>4</sup>; Dasiman, R<sup>1</sup>; Ibrahim, F<sup>1</sup>  
<sup>1</sup>Department of Basic Sciences,

Faculty of Health Sciences, Universiti Teknologi MARA, 42300 Puncak Alam, Selangor, Malaysia; <sup>2</sup>Department of Physiology, School of Medical Sciences, Universiti Sains Malaysia, Kubang Krian, Kelantan, Malaysia; <sup>3</sup>Department of Nutrition and Dietetics, Faculty of Medicine and Health Sciences, Universiti Putra Malaysia, 43400 Serdang, Selang, Malaysia; <sup>4</sup>Department of Pathology, Faculty of Medicine and Health Sciences, Universiti Putra Malaysia, 43400 Serdang, Selangor, Malaysia

### Track 5: Session 41: What does weight loss do to mortality and co-morbidities

#### T5:S41.01

Weight Related Comorbidities Associated With Increased Health Care Costs Stroo, M<sup>1</sup>; Ostbye, T\*<sup>2</sup>; Eisenstein, E<sup>1</sup>; Peterson, B<sup>1</sup>; Dement, J  
Duke University Medical Center, USA

#### T5:S41.02

Effects Of Bariatric Surgery On Sympathetic Activity And Cardiac Risk In Non-diabetic Severely Obese Patients Lambert, E\*<sup>1</sup>; Rice, T<sup>1</sup>; Eikelis, N<sup>1</sup>; Straznicki, N<sup>1</sup>; Lambert, G<sup>1</sup>; Hensman, C<sup>2</sup>; Head, G<sup>1</sup>; Schlaich, M<sup>1</sup>; Dixon, J<sup>1</sup>  
<sup>1</sup>BakerIDI, Australia; <sup>2</sup>Lap Surgery Australia, Australia

#### T5:S41.03

Effect Of Roux-en-Y Gastric Bypass On Skeleton, 5 Years Follow Up, Authors. Dr. Mustafa M. -Rafea Raouf, Consultant Upper GIT Surgeon Örebro University Hospital, Örebro And Lindesberg Hospital, Sweden Raouf, M\*<sup>1</sup>; Näslund, I, Szabo E., D<sup>2</sup>  
<sup>1</sup>Lindesberg Hospital, Sweden; <sup>2</sup>University Hospital Örebro, Sweden

#### T5:S41.04

Effect Of Weight Loss On The Severity Of Psoriasis: One Year Follow-up Geiker, N\*<sup>1</sup>; Jensen, P<sup>2</sup>; Zachariae, C<sup>2</sup>; Christensen, R<sup>3</sup>; Schaadt, B<sup>4</sup>; Stender, S<sup>5</sup>; Hansen, P<sup>6</sup>; Astrup, A<sup>7</sup>; Skov, L<sup>8</sup>  
<sup>1</sup>Department of Clinical Nutrition, Copenhagen University Hospital Gentofte, Denmark; <sup>2</sup>Department of Dermato-Allergology,

Copenhagen University Hospital Gentofte, Denmark; <sup>3</sup>The Parker Institute, Department of Rheumatology, Copenhagen University Hospital Frederiksberg, Denmark; <sup>4</sup>Departments of Clinical Physiology and Nuclear Medicine, Copenhagen University Hospital Gentofte, Denmark; <sup>5</sup>Department of Clinical Biochemistry, Copenhagen University Hospital Gentofte, Denmark; <sup>6</sup>Department of Cardiology, Copenhagen University Hospital Gentofte, Denmark; <sup>7</sup>Department of Nutrition, Exercise, and Sports, Faculty of Science, University of Copenhagen, Denmark; <sup>8</sup>Department of Dermato-Allergology, Copenhagen University Hospital Gentofte, Hellerup, Denmark, Denmark

#### T5:S41.05

Are Brazilian Patients Following The Recommended Criteria To Undergo Bariatric Surgery? Nardo junior, N\*<sup>1</sup>; Hintze, L<sup>2</sup>; Dada, R<sup>1</sup>; Da Silva, D<sup>1</sup>; BIANCHINI, J<sup>1</sup>; Antonini, V<sup>1</sup>; Capelato Pagan, D<sup>1</sup>; Pagan, B<sup>1</sup>; Hernades, D<sup>1</sup>; Nardo Junior, N<sup>1</sup>  
<sup>1</sup>UEM - State University of Maringa, Brazil; <sup>2</sup>University Of Ottawa, Canada

#### T5:S41.06

Weight Loss By Gastric Bypass In Patients Or By A Very Low Calorie Diet In Nonhuman Primates Demonstrated Separable Non-hyperbolic Trajectories For Insulin Secretion And Insulin Action Hansen, B\*<sup>1</sup>; Gletsu-Miller, N<sup>2</sup>; Jen, K<sup>3</sup>  
<sup>1</sup>University of South Florida, USA; <sup>2</sup>Purdue University, USA; <sup>3</sup>Wayne State University, USA

#### T5:S41.07

Screening For Type 2 Diabetes And Diabetes Risk In A Physician-Supervised Weight Loss Program Guzman, M\*<sup>1</sup>; Imperial, E<sup>2</sup>; Nguyen, J<sup>3</sup>; Schram, E<sup>3</sup>; VanWyk, S<sup>2</sup>; Holub, C<sup>4</sup>; Zbella, E<sup>2</sup>; Shah Alvarez, S<sup>2</sup>  
<sup>1</sup>Nova Southeastern University, USA; <sup>2</sup>Medi-Weightloss, USA; <sup>3</sup>University of South Florida, USA; <sup>4</sup>San Diego State University, USA

## TRACK 5 – FROM LIFESTYLE INTERVENTION TO DRUGS AND SURGERY

### T5:S41.08

High Protein Weight Loss Diets In Obese Subjects With Type 2 Diabetes Mellitus  
Clifton, P<sup>1</sup>; Pedersen, E<sup>1</sup>; Jesudason, D<sup>2</sup>;  
<sup>1</sup>University of South Australia, Australia; <sup>2</sup>University of Adelaide, Australia

### T5:S41.09

The Effects Of Intermittent Versus Continuous Energy Restriction On Changes In Weight, Anthropometry And Other Cardio-metabolic Disease Risk Markers In NHS RIO Weight Loss Patients: Trial Protocol  
Johnston, K<sup>1</sup>; Carter, D<sup>2</sup>; Capehorn, M<sup>2</sup>  
<sup>1</sup>Lighterlife Ltd, United Kingdom; <sup>2</sup>Rotherham Institute of Obesity, United Kingdom

### T5:S41.10

Long Term Results Of Bariatric Surgery In T2DM Obese Women.  
Sramkova, P<sup>1</sup>; Bradnova, O<sup>2</sup>; Sedlackova, B<sup>2</sup>; Hainer, V<sup>3</sup>; Vcelak, J<sup>3</sup>; Dolezalova, K<sup>4</sup>; Fried, M<sup>4</sup>; Bendlova, B<sup>3</sup>; Vrbikova, J<sup>3</sup>; Kunesova, M<sup>3</sup>  
<sup>1</sup>OB clinic Prague, Institute of Endocrinology Prague, Czech Republic; <sup>2</sup>Institute of Endocrinology Prague, Charles University Prague, Czech Republic; <sup>3</sup>Institute of Endocrinology Prague, Czech Republic; <sup>4</sup>OB clinic Prague, Charles University Prague, Czech Republic

### T5:S41.11

Changes In Body Weight And Blood Pressure: Paradoxical Outcome Events In Overweight And Obese Subjects With Cardiovascular Disease  
Seimon, R<sup>1</sup>; Espinoza, D<sup>2</sup>; Ivers, L<sup>2</sup>; GebSKI, V<sup>2</sup>; Finer, N<sup>3</sup>; Legler, U<sup>4</sup>; Sharma, A<sup>5</sup>; James, W<sup>6</sup>; Coutinho, W<sup>7</sup>; Caterson, I<sup>8</sup>  
<sup>1</sup>University of Sydney, Australia; <sup>2</sup>NHMRC Clinical Trials Centre, University of Sydney, Australia; <sup>3</sup>National Centre for Cardiovascular Prevention and Outcomes, University College London, Institute for Cardiovascular Science, United Kingdom; <sup>4</sup>Special Vocational College for handicapped Persons, Germany; <sup>5</sup>Department of Medicine, University of Alberta, Canada; <sup>6</sup>London School of Hygiene and Tropical Medicine, United

Kingdom; <sup>7</sup>Catholic University of Rio de Janeiro and State Institute of Diabetes and Endocrinology, Brazil; <sup>8</sup>The Boden Institute of Obesity, Nutrition Exercise & Eating Disorders, University of Sydney, Australia

### T5:S41.12

Metabolically Healthy And Unhealthy Obesity Phenotypes In A Work Cohort In Kuala Lumpur, Malaysia  
Foong Ming Moy, F<sup>\*</sup>  
University of Malaya, Malaysia

### T5:S41.13

Changes In Body Weight And Pulse Rate In Overweight And Obese Subjects With Cardiovascular Disease: SCOUT Trial  
Seimon, R<sup>1</sup>; Espinoza, D<sup>2</sup>; GebSKI, V<sup>2</sup>; Finer, N<sup>3</sup>; Legler, U<sup>4</sup>; Sharma, A<sup>5</sup>; James, W<sup>6</sup>; Coutinho, W<sup>7</sup>; Van Gaal, L<sup>8</sup>; Caterson, I<sup>1</sup>  
<sup>1</sup>The Boden Institute of Obesity, Nutrition, Exercise & Eating Disorders, University of Sydney, Australia; <sup>2</sup>NHMRC Clinical Trials Centre, University of Sydney, Australia; <sup>3</sup>National Centre for Cardiovascular Prevention and Outcomes, University College London, Institute for Cardiovascular Science, United Kingdom; <sup>4</sup>Special Vocational College for handicapped Persons, Germany; <sup>5</sup>Department of Medicine, University of Alberta, Canada; <sup>6</sup>London School of Hygiene and Tropical Medicine, United Kingdom; <sup>7</sup>Catholic University of Rio de Janeiro and State Institute of Diabetes and Endocrinology, Brazil; <sup>8</sup>University of Antwerp, Belgium

### T5:S41.14

Serum Amyloid A-LDL And Cystatin C As Potential Predictors For Cardiovascular Disease And Chronic Kidney Disease In Obese Patients: Multi-centered Japan Obesity And Metabolic Syndrome Study (JOMS)  
Yamakage, H<sup>\*</sup>; Muranaka, K; Odori, S; Kono, S; Shimatsu, A; Satoh-Asahara, N  
Kyoto Medical Center, Japan

### T5:S41.15

Plasma 25(OH)D Levels Are Associated With Changes In Body Composition And Blood Pressure In Middle-Aged

Subjects  
Ibero-Baraibar, I; Navas-Carretero, S; Abete, I; Martinez, J<sup>\*</sup>; Zulet, M  
University of Navarra, Spain

### T5:S41.16

At What Body Mass Index Threshold Value Vitamin D3 Concentration Leads To Reduction?  
Mojto, V<sup>1</sup>; Rausova, Z<sup>2</sup>; Chrenova, J<sup>2</sup>; Bada, V<sup>1</sup>; Dedik, L<sup>2</sup>  
<sup>1</sup>Ill.internal clinic, Derer Hospital, Faculty of Medicine Comenius University Bratislava, Slovakia; <sup>2</sup>Institute of Automation, Measurement and Applied Informatics, Faculty of Mechanical Engineering, Slovak University of Technology, Slovakia

### T5:S41.17

The Assessment Of Bone Health In Patients With Severe Obesity Before Bariatric Surgery  
Tham, T<sup>1</sup>; Tan, M<sup>1</sup>; Pasupathy, S<sup>2</sup>; Tan, T<sup>1</sup>  
<sup>1</sup>Department of Endocrinology, Singapore General Hospital, Singapore; <sup>2</sup>Department of Surgery, Singapore General Hospital, Singapore

### T5:S41.18

Association Between Cardiorespiratory Fitness And Body Composition In Obese Singaporeans  
Chen, X<sup>\*</sup>; Ng, L; Tan, S; Tham, K  
Singapore General Hospital, Singapore

### T5:S41.19

Weight Loss Improves The Cardiovascular Risk Profile Of Obese Patients With Psoriasis  
Geiker, N<sup>1</sup>; Jensen, P<sup>2</sup>; Zachariae, C<sup>2</sup>; Christensen, R<sup>3</sup>; SchaadT, B<sup>4</sup>; Stender, S<sup>5</sup>; Astrup, A<sup>6</sup>; Hansen, P<sup>7</sup>; Skov, L<sup>2</sup>  
<sup>1</sup>Department of Clinical Nutrition, Copenhagen University Hospital Gentofte, Denmark; <sup>2</sup>Department of Dermato-Allergology, Copenhagen University Hospital Gentofte, Denmark; <sup>3</sup>The Parker Institute, Department of Rheumatology, Copenhagen University Hospital Frederiksberg, Denmark; <sup>4</sup>Department of Clinical Physiology and Nuclear Medicine, Copenhagen University Hospital Gentofte, Denmark; <sup>5</sup>Department of Clinical Biochemistry, Copenhagen University Hospital Gentofte, Denmark; <sup>6</sup>Department of

Nutrition, Exercise, and Sports, Faculty of Science, University of Copenhagen, Denmark; <sup>7</sup>Department of Cardiology, Copenhagen University Hospital Gentofte, Denmark

### T5:S41.20

Incidence Of Postoperative Morbidity And Mortality In Overweight And Obese Surgical Patients Undergoing Nonbariatric Surgery  
Alivizatos, V<sup>\*</sup>; Bonanos, G; Pilichos, G  
General Hospital of Patra, Department of Surgery, Greece

### T5:S41.21

Evaluation Of Changes In Lymphocyte Subpopulations During A Low Calorie Weight Loss Program  
Norouzi, A<sup>\*</sup>; Mehrdad, M; Mahmoudi, M; Nematy, M; Ghayour Mobarhan, M; Safarian, M  
Mashhad University of Medical Sciences, Iran

### T5:S41.22

Shot Term Diet And Exercise Induced Weight Loss Reverses The Effects Of Obesity On Gait Biomechanics And Energetics In Children  
Huang, L<sup>1</sup>; Zhuang, J<sup>2</sup>; Zhang, Y<sup>1</sup>; Walt, S<sup>1</sup>  
<sup>1</sup>The University of Auckland, New Zealand; <sup>2</sup>Shanghai University of Sport, China

## TRACK 6 – FROM HOME ENVIRONMENT TO SOCIETY: CAUSES AND CONSEQUENCES

### Track 6: Session 28: Food and the food environment

#### T6:S28.05

University Based Food Environment Interventions To Improve Dietary Behaviour Of Young Adults: A Systematic Literature Review  
Roy, R<sup>\*</sup>  
The University of Sydney, Australia

#### T6:S28.07

Using Narrative Interviews To Understand Aspects Of The Social Gradient In Obesity  
Paul, B<sup>1</sup>; Peacock, M<sup>1</sup>; Blackburn, J<sup>2</sup>; Smith, C<sup>1</sup>; Cooper, R<sup>1</sup>  
<sup>1</sup>University of Sheffield, United Kingdom; <sup>2</sup>Barnsley Hospital NHS Foundation Trust, United Kingdom

#### T6:S28.08

FoodSwitch: A Smartphone Application To Help Consumers Make Healthier Food Choices  
Dunford, E<sup>1</sup>; Dunford, E<sup>1</sup>; Trevena, H<sup>1</sup>; Trevena, H<sup>1</sup>; Ng, T<sup>2</sup>; Ng, T<sup>2</sup>; Goodsell, C<sup>2</sup>; Webster, J<sup>1</sup>; Webster, J<sup>1</sup>; Neal, B<sup>1</sup>; Neal, B<sup>1</sup>  
<sup>1</sup>The George Institute for Global Health, Australia; <sup>2</sup>Xyris Software, Australia

#### T6:S28.09

Ethnic Food Patterns And Obesity In Modernization: The Case Of Malaysian Food Barometer (MFB)  
Poulain, J<sup>1</sup>; Laporte, C<sup>2</sup>; Smith, W<sup>3</sup>; Tibere, L<sup>4</sup>; Noor, M<sup>5</sup>; Roser, S<sup>6</sup>; YusooF, A<sup>7</sup>; Abourich, S<sup>2</sup>; Aloysius, M<sup>7</sup>; Noor, M<sup>7</sup>; Neethiananthan, A<sup>8</sup>; Shamsul, A<sup>7</sup>  
<sup>1</sup>Taylor's University, Chair of Food studies, Taylor's Toulouse University Center, Malaysia; <sup>2</sup>Taylor's University, Taylor's Toulouse University Center, Malaysia; <sup>3</sup>Monash University, Australia; <sup>4</sup>Taylor's University, Taylor's Toulouse University Center, Malaysia; <sup>5</sup>University Technology Malaysia, Malaysia; <sup>6</sup>Taylor's University, Malaysia; <sup>7</sup>National University of Malaysia UKM, Malaysia

#### T6:S28.10

Australian Children's Consumption Of Caffeinated-formulated Beverages

Riddell, L<sup>\*</sup>; Beckford, K; Grimes, C  
CPAN Deakin University, Australia

#### T6:S28.11

Effect Of Green Tea Extract-enriched Rye Bread On Weight Maintenance After Weight Loss In Free-living Moderately Obese Subjects  
Bajerska, J<sup>1</sup>; Mildner-Szkudlarz, S<sup>2</sup>; Walkowiak, J<sup>1</sup>; Wozniwicz, M<sup>1</sup>; Jeszka, J<sup>1</sup>  
<sup>1</sup>Department of Human Nutrition and Hygiene, Poznan University of Life Sciences, Poland; <sup>2</sup>Institute of Food Science and Nutrition, Poznań University of Life Sciences, Poland

#### T6:S28.12

Food Perceived By Obese People As Generating Addictive Behaviour.  
Zulich, K<sup>\*</sup>; Ravenna, M; Oikies, A  
Therapeutic Center Máximo Ravenna MD, Argentina

#### T6:S28.13

Dietary Patterns Are Associated With Obesity In Chinese Adults: Findings From The China Health And Nutrition Survey  
Zhang, J<sup>\*</sup>; Zhai, F; Wang, H; Wang, Z; Du, W; Su, C; Zhang, J; Jiang, H; Zhang, B  
Institute of Nutrition and Food Safety, Chinese Center for Disease Control and Prevention, China

#### T6:S28.14

Differential Association Of Fresh Fatty And Lean Red Meat Intake With Metabolic Syndrome Among Chinese Adults  
Wang, Z<sup>\*</sup>; zhai, F; Wang, H; Zhang, J; Du, W; Su, C; zhang, J; Jiang, H; Zhang, B  
National Institute of Nutrition and Food Safety, China

#### T6:S28.15

Can Calorie Labels Nudge The 'Freshman 15' Phenomenon Away?  
Nikolaou, C<sup>\*</sup>; Lean, M; Hankey, C  
University of Glasgow, United Kingdom

#### T6:S28.16

Can Calorie Labelling Alter Customer Purchasing Patterns?

Nikolaou, C<sup>\*</sup>; Lean, M; Hankey, C  
University of Glasgow, United Kingdom

#### T6:S28.17

Fuel For Obesity And Thought? Nutritional Composition Of The Evening Meal Offered To University Students In A Catered Hall  
Nikolaou, C<sup>\*</sup>; Lean, M; Hankey, C  
University of Glasgow, United Kingdom

#### T6:S28.18

Thinking Outside The Meals: How A Community Collaborative Summer Meals Program Influenced Nutrition Knowledge And Skills, Physical Activity, And Social Interaction Among Mexican-origin Children  
Sharkey, J<sup>1</sup>; Valdez, E<sup>2</sup>; Beltran, E<sup>2</sup>; Beltran, D<sup>2</sup>; Bustillos, B<sup>2</sup>  
<sup>1</sup>Program for Research and Outreach-Engagement on Nutrition and Health Disparities, USA; <sup>2</sup>School of Rural Public Health, USA

#### T6:S28.19

Can Behavioral Economics Promote Healthy Food Choice? A Systematic Review  
Rajbhandari-Thapa, J<sup>\*</sup>; Lyford, C  
Texas Tech University, USA

#### T6:S28.20

"In Your Face: Food Marketing To Youth On Facebook"  
Smith, M<sup>1</sup>; Signal, L<sup>2</sup>; Jenkin, G<sup>1,2</sup>  
<sup>1</sup>University of Otago, New Zealand; <sup>2</sup>University of Otago, New Zealand

#### T6:S28.21

Liver Fat Accumulation In Response To Overfeeding With A High Fat Diet: A Comparison Between South Asian And Caucasian Men  
Wulan, S<sup>\*</sup>; Wulan, S<sup>\*</sup>; Schrauwen-Hinderling, V; Westerterp, K; Westerterp, K; Plasqui, G; Plasqui, G  
Maastricht University, Netherlands

#### T6:S28.22

Postpartum Weight Change Is Related To Refined Grain Products Consumption  
Mazidi Sharafabadi, F<sup>1</sup>; NADjarzadeh, A<sup>1</sup>; Mirzaeian, S<sup>2</sup>; Ashouri, M<sup>3</sup>; Hoseini, M<sup>3</sup>; Sadrzadeh-Yeganeh, H<sup>3</sup>  
<sup>1</sup>Yazd University of Medical Sciences, Iran; <sup>2</sup>Isfahan University of Medical Sciences, Iran; <sup>3</sup>Tehran University of Medical Sciences, Iran

S<sup>2</sup>; Ashouri, M<sup>3</sup>; Hoseini, M<sup>3</sup>; Sadrzadeh-Yeganeh, H<sup>3</sup>  
<sup>1</sup>Yazd University of Medical Sciences, Iran; <sup>2</sup>Isfahan University of Medical Sciences, Iran; <sup>3</sup>Tehran University of Medical Sciences, Iran

#### T6:S28.23

Influences Of Built Environment On BMI Changes Among Chinese Children From 2009 To 2011  
Zhang, J<sup>\*</sup>; Wang, H; Wang, Z; Zhang, J; Du, W; Su, C; Jiang, H; Zhang, B  
National Institute of Nutrition and Food Safety, China CDC, China

#### T6:S28.24

Do Children Have A Sporting Chance? Child And Parent Perspectives On The Sport-related Food Environment.  
Smith, M<sup>1</sup>; Signal, L<sup>1</sup>; Edwards, R<sup>1</sup>; Hoek, J<sup>2</sup>  
<sup>1</sup>University of Otago, Wellington, New Zealand; <sup>2</sup>University of Otago, New Zealand

#### T6:S28.25

Monitoring Children's Exposure To Television Food Advertising: An Asia-Pacific Perspective  
Kelly, B<sup>1</sup>; Hebden, L<sup>2</sup>; King, L<sup>3</sup>; Xiao, Y<sup>2</sup>; Yu, Y<sup>4</sup>; He, G<sup>5</sup>; Li, L<sup>5</sup>; Zeng, L<sup>6</sup>; Hadi, H<sup>7</sup>; Karupaiah, T<sup>8</sup>; Hoe, N<sup>9</sup>; Noor, M<sup>9</sup>; Yoon, J<sup>10</sup>; Kim, H<sup>11</sup>  
<sup>1</sup>University of Wollongong, Australia; <sup>2</sup>School of Molecular Bioscience, University of Sydney, Australia; <sup>3</sup>Prevention Research Collaboration, Sydney School of Public Health, University of Sydney, Australia; <sup>4</sup>Prevention Research Collaboration, Sydney School of Public Health, Australia; <sup>5</sup>Department of Nutrition and Food Hygiene, School of Public Health, Fudan University, China; <sup>6</sup>College of Medicine, Xi'an Jiaotong University, China; <sup>7</sup>Alma Ata Centre for Healthy Life and Food, School of Health Sciences, Indonesia; <sup>8</sup>School of Healthcare Sciences, Faculty of Health Sciences, National University of Malaysia, Malaysia; <sup>9</sup>Department of Nutrition and Dietetics, Faculty of Health Sciences, MARA University of Technology, Malaysia; <sup>10</sup>Department of Food and Nutrition, Seoul National University, Korea, Republic of; <sup>11</sup>Department of Advertising

## TRACK 6 – FROM HOME ENVIRONMENT TO SOCIETY: CAUSES AND CONSEQUENCES

and Public Relations, Dongguk University, Korea, Republic of

### T6:S28.26

Differences Between Lean And Obese People In Norms For Portion Sizes.  
Lewis, H\*<sup>1</sup>; Forwood, S<sup>2</sup>; Ahern, A<sup>1</sup>; Jebb, S<sup>3</sup>  
<sup>1</sup>MRC Human Nutrition Research, United Kingdom; <sup>2</sup>University of Cambridge, United Kingdom; <sup>3</sup>University of Oxford, United Kingdom

### T6:S28.27

Farnesol Improves Obesity-induced Metabolic Disorders Via PPAR -dependent And -independent Pathways.  
Goto, T\*<sup>1</sup>; Kim, Y<sup>2</sup>; Funakoshi, K<sup>3</sup>; Takahashi, N<sup>4</sup>; Kawada, T<sup>5</sup>  
Kyoto University / Graduate School of Agriculture, Japan

### T6:S28.28

Perceptions Of Low Income Low Literacy Women Towards Obesity And Weight Gain: A Qualitative Study In Urban Primary Health Care In Odisha, India.  
Pati, S\*<sup>1</sup>; Pati, S<sup>2</sup>  
<sup>1</sup>Department of Health &FW, Government of Odisha, India; <sup>2</sup>Indian Institute of Public Health Bhubaneswar, Public Health Foundation of India, India

### T6:S28.29

Food Insecurity And Overweight Among Dutch Food Bank Recipients  
Neter, J\*<sup>1</sup>; Dijkstra, S<sup>2</sup>; Visser, M<sup>3</sup>; Brouwer, I<sup>4</sup>  
VU University Amsterdam, Netherlands

### T6:S28.30

Food Environment: The Nature And Extent Of Television Food Advertising Targeting Children In Malaysia.  
Ng, S\*<sup>1</sup>; Karupaiah, T<sup>1</sup>; Se, C<sup>1</sup>; Krishnasamy, S<sup>1</sup>; Ismail, M<sup>2</sup>; Chinna, K<sup>3</sup>; Kelly, B<sup>4</sup>  
<sup>1</sup>Universiti Kebangsaan Malaysia (UKM), Malaysia; <sup>2</sup>Universiti Teknologi MARA (UiTM), Malaysia; <sup>3</sup>University of Malaya, Malaysia; <sup>4</sup>University of Wollongong, Australia

### T6:S28.31

The Effect Of Whey-to-casein Protein Ratio In Chocolate-

vanilla Milk Beverage On Satiety And Energy Intake  
Angela, A<sup>1</sup>; Antono, L\*<sup>2</sup>; Kurniati, A<sup>3</sup>; Pertiwi, K<sup>4</sup>; Sie, S<sup>5</sup>; Wu, M<sup>6</sup>  
Nutrifood Research Center, Indonesia

### T6:S28.32

Using Fermented Milk Product Enriched With Protein And Fibre For Increase Of Satiety - Its Effect To Weight Reduction  
Stritecka, H\*<sup>1</sup>; Hlubik, P<sup>2</sup>  
University of Defence, Czech Republic

### T6:S28.33

The Association Of Sodium And Potassium Intake With Obesity  
Jeffery, P\*<sup>1</sup>; Brumby, S<sup>2</sup>; Land, M<sup>3</sup>; Riddell, L<sup>1</sup>; Neal, B<sup>3</sup>; Webster, J<sup>4</sup>; Shaw, J<sup>5</sup>; Chalmers, J<sup>6</sup>; Smith, W<sup>7</sup>; Flood, V<sup>8</sup>; Woodward, M<sup>9</sup>; Kelsall, L<sup>10</sup>; Ansari, Z<sup>11</sup>; Nowson, C<sup>1</sup>  
<sup>1</sup>School of Exercise and Nutrition Sciences, Deakin University, Australia; <sup>2</sup>National Centre for Farmer Health, Deakin University, Australia; <sup>3</sup>School of Public Health, The University of Sydney, Australia; <sup>4</sup>WHO Collaborating Centre on Population Sodium Reduction, The George Institute for Global Health, Australia; <sup>5</sup>Clinical Diabetes and Epidemiology, Baker IDI Heart & Diabetes Institute, Australia; <sup>6</sup>Senior Director, The George Institute for Global Health, Australia; <sup>7</sup>Environmental Health Branch, New South Wales Health, Australia; <sup>8</sup>Faculty of Health Sciences, The University of Sydney, Australia; <sup>9</sup>Sydney Medical School, The University of Sydney, Australia; <sup>10</sup>Health Intelligence Unit, Department of Health Victoria, Australia; <sup>11</sup>School of Public Health and Preventive Medicine, Monash University, Australia

### T6:S28.34

Double Burden Of Malnutrition Among Rural Bangladeshi Mothers, With Obesity Associated With Diet And Household Wealth Indicators  
Azim, S\*<sup>1</sup>; Guldan, G<sup>2</sup>  
Asian University for Women, Bangladesh

### T6:S28.35

The Association Between Dietary Calcium Intake And Childhood Obesity In Multi-ethnic School Children In Malaysia

Shohaimi, S\*<sup>1</sup>; Sharifah Intan Zainun, S<sup>2</sup>; Nur Syahmina, R<sup>3</sup>  
Universiti Putra Malaysia, Malaysia

### T6:S28.36

The Availability Of Energy-dense Snack Foods, Soft Drinks, Fruit And Vegetables In Urban, Urban-fringe And Rural Supermarkets  
Cameron, A\*<sup>1</sup>; Thornton, L<sup>2</sup>  
Deakin University, Australia

### T6:S28.37

Improving Overweight And Obese Adolescents' Healthy Eating Behaviours Through Modification Of Parent Support Behaviours  
Fenner, A\*<sup>1</sup>; Straker, L<sup>2</sup>; Smith, K<sup>3</sup>; Howie, E<sup>4</sup>; Hagger, M<sup>5</sup>  
Curtin University, Australia

### T6:S28.38

Access To Nutrition Index: Mobilizing The Private Sector To Accelerate Change  
Kauer, I\*<sup>1</sup>; Crossley, R<sup>2</sup>  
<sup>1</sup>Access to Nutrition Foundation, Netherlands; <sup>2</sup>Access to Nutrition Foundation, United Kingdom

### T6:S28.39

Factors Affecting Food Provision In Primary Schools: Chiang Mai, Loei, Nonthaburi And Phuket  
Khitdee, C\*  
International Health Policy Program, Ministry of Public Health, Thailand, Thailand

### T6:S28.40

In The Consumer World We Are, What We Spent: Pattern Of Food Expenditure In Thailand  
Phonsuk, P\*<sup>1</sup>; Pongutta, S<sup>2</sup>; Phulkerd, S<sup>3</sup>; Thamarangsi, T<sup>2</sup>  
<sup>1</sup>International Health Policy Program Foundation, Thailand; <sup>2</sup>International Health Policy Program Foundation, Thailand

### T6:S28.41

Associations Between Obesity, Diet Quality And Socio-economic Factors In Australian Children  
Pitt, E\*<sup>1</sup>; Cameron, C<sup>1</sup>; Thornton, L<sup>2</sup>; Gallegos, D<sup>3</sup>; Comans, T<sup>1</sup>  
<sup>1</sup>Griffith University, Australia; <sup>2</sup>Deakin University, Australia; <sup>3</sup>Queensland University of Technology, Australia

### T6:S28.42

Exposure To Junk Food Ads And Junk Food Consumption As Risk Factors Of Obesity In Elementary School Students In Yogyakarta, Indonesia  
nurwanti, e\*<sup>1</sup>; Hadi, H<sup>1</sup>; Julia, M<sup>2</sup>  
<sup>1</sup>ACHEAF, Indonesia; <sup>2</sup>Department of Pediatrics, Faculty of Medicine, Gadjah Mada University, Indonesia

### T6:S28.43

Magic Mirror? : Accuracy And Influence Of Self Perception On Nutritional Status Among Thai Adults  
Udomkarnjananan, S\*  
International Health Policy Program, Thailand

### T6:S28.44

Is There A Relationship Between Family Environment And Child Weight ? A Clinical Qualitative Study.  
Camargo, A\*<sup>1</sup>; Barros-Filho, A<sup>2</sup>  
<sup>1</sup>Universidade Estadual de Campinas (UNICAMP), Brazil; <sup>2</sup>Universidade Estadual de Campinas (UNICAMP), Brazil

### T6:S28.45

Ethnic Differences In Dietary Intake Among UK Primary School Children: The Waves Study  
Knowles, G\*<sup>1</sup>; Kelleher, K<sup>2</sup>; Thomas, G<sup>3</sup>; Griffin, T<sup>4</sup>; Lancashire, E<sup>5</sup>; Adab, P<sup>6</sup>  
University of Birmingham, United Kingdom

### T6:S28.46

Food Consumption Of Obese And Normal Women Of Reproductive Age In Urban Slum Areas In Central Jakarta  
Kusnadi, Y\*<sup>1</sup>; Khusun, H<sup>2</sup>; Fahmida, U<sup>3</sup>  
SEAMEO RECFON, University of Indonesia, Indonesia

### T6:S28.47

Front Of The Package Warning Messages In The Context Of The Chilean Law Of Food Labeling And Advertising: Can It Be Misunderstood?  
Reyes, M\*<sup>1</sup>; Corvalan, C<sup>1</sup>; Zacarias, I<sup>1</sup>; Olivares, S<sup>1</sup>; Aqueveque, C<sup>2</sup>; Garmendia, M<sup>1</sup>  
<sup>1</sup>Institute of Nutrition and Food Technology (INTA), University of Chile, Chile; <sup>2</sup>Business School, Adolfo Ibañez University, Chile

### T6:S28.48

Ultra-Processed Products Attenuating And Reversing The Impact Of An Effective Intervention To Increase Household Availability Of Fruits And Vegetables.  
Gomes, F\*<sup>1</sup>; Silva, G<sup>2</sup>; Castro, I<sup>3</sup>  
<sup>1</sup>National Cancer Institute of Brazil, Brazil; <sup>2</sup>Institute of Social Medicine, Rio de Janeiro State University, Brazil; <sup>3</sup>Institute of Nutrition, Rio de Janeiro State University, Brazil

### T6:S28.49

Diagnosing Dietary Intake In C 57 Bl6 Mice By Using Serum Metabolomics  
Speakman, J\*<sup>1</sup>; Valencak, T<sup>1</sup>; Burgess, K<sup>2</sup>; Gruen, B<sup>3</sup>  
<sup>1</sup>Institute of Genetics and Developmental Biology, State Key Laboratory of Molecular Developmental Biology, Chinese Academy of Sci, China; <sup>2</sup>University of Glasgow Garscube Campus, United Kingdom; <sup>3</sup>ohannes Kepler University Linz, Austria

### T6:S28.50

Plasma Polychlorinated Persistent Organic Pollutants Levels Are Increased In Weight Gainers Versus Weight Losers Or Weight Maintainers In 5-years Follow Up Study Of Obese Mullerova, D\*<sup>1</sup>; Matejkova, D<sup>2</sup>; Rosmus, J<sup>3</sup>; Svacina, S<sup>4</sup>; Muller, L<sup>5</sup>  
<sup>1</sup>Charles University, Medical Faculty in Pilsen, Czech Republic; <sup>2</sup>Medical Faculty and Faculty Hospital in Pilsen, Czech Republic; <sup>3</sup>State veterinary laboratory in Prague, Czech Republic; <sup>4</sup>First Medical Faculty in Prague, Charles University, Czech Republic; <sup>5</sup>West Bohemia University in Pilsen, Czech Republic

### T6:S28.51

Saturated Fatty Acid Intake In U.S. Children: Analysis From NHANES 2009-2010.  
Eldridge, A\*<sup>1</sup>; Fleith, M<sup>2</sup>; van der Horst, K<sup>3</sup>  
Nestlé Research Center, Switzerland

### T6:S28.52

Monitoring The Practices Of The Private Sector That Affect Public Health, Nutrition And Food Policies And Interventions  
MIALON, M\*<sup>1</sup>; SACKS, G<sup>1</sup>;

ALLENDER, S<sup>1</sup>; SWINBURN, B<sup>2</sup>  
<sup>1</sup>Deakin University, Australia; <sup>2</sup>University of Auckland, New Zealand

### T6:S28.53

Animal Model Of Obesity In Populations With High-Carbohydrate Diet  
Khusun, H\*<sup>1</sup>; Yulia, M<sup>1</sup>; Ermayani, E<sup>2</sup>  
SEAMEO Regional Center for Food and Nutrition, Indonesia

### T6:S28.54

The Effectiveness Of Bioactive Food Components In Reducing The Glycemic Index Of Food Products Rich In Carbohydrates  
Czlapka-Matyasik, M\*<sup>1</sup>; Kostrzewa-Tarnowska, A<sup>2</sup>; Fejfer, M<sup>3</sup>; Mierkiewicz, J<sup>4</sup>; Jeszka, J<sup>5</sup>  
Department of Human Nutrition and Hygiene, Poznan University of Life Sciences, Poznan, Poland, Poland

### T6:S28.55

Total Antioxidant Capacity And Its Dietary Sources And Seasonal Variability In Diets Of Women With Different Physical Activity Level  
Czlapka-Matyasik, M\*<sup>1</sup>; Ast, K<sup>2</sup>; Wadolowska, L<sup>3</sup>  
<sup>1</sup>Department of Human Nutrition and Hygiene, Poznan University of Life Sciences, Poznan, Poland, Poland; <sup>2</sup>Department of Morphological Biology and Health Science Faculty of Physical Education in Gorzow Wlkp., Poland; <sup>3</sup>Department of Human Nutrition, University of Warmia and Mazury in Olsztyn, Poland, Poland

### T6:S28.56

Impact Of "Traditional" Dietary Pattern On Metabolic Profile Of Polish Adolescents From Less-urbanized Regions. The POLYSES Project  
Dlugosz, A<sup>1</sup>; Niedzwiecka, E<sup>2</sup>; Czlapka-Matyasik, M\*<sup>3</sup>; Rosinska, Z<sup>1</sup>; Wadolowska, L<sup>2</sup>  
<sup>1</sup>Chair and Department of Nutrition and Dietetics, Nicolaus Copernicus University, Collegium Medicum, Bydgoszcz, Poland, Poland; <sup>2</sup>Department of Human Nutrition, University of Warmia and Mazury in Olsztyn, Poland, Poland; <sup>3</sup>Department of Human Nutrition and Hygiene, Poznan University of Life Sciences, Poznan, Poland, Poland

### T6:S28.57

Factors Influencing Food Choice Among Adult Women In Jakarta Urban Slum  
Khusun, H\*<sup>1</sup>; Yulia, M<sup>1</sup>; Ermayani, E<sup>2</sup>  
SEAMEO Regional Center for Food and Nutrition, Indonesia

### T6:S28.58

A Comparison Of The Content Of Australian Supermarket Catalogues And The Australian Guide To Healthy Eating  
Cameron, A\*<sup>1</sup>; Sayers, S<sup>2</sup>; Thornton, L<sup>3</sup>  
Deakin University, Australia

### T6:S28.60

Postprandial Effects Of Positional Distribution Of Palmitic Acid On Gut Hormones And Satiety In Participants With Type 2 Diabetes Mellitus  
Mo, S\*<sup>1</sup>; Lai, O<sup>1</sup>; Chew, B<sup>2</sup>; Ismail, R<sup>3</sup>; Abu Bakar, S<sup>4</sup>; Abdul Jabbar, N<sup>5</sup>; Nesaretnam, K<sup>6</sup>; Teng, K<sup>7</sup>  
<sup>1</sup>Faculty of Biotechnology and Biomolecular Sciences, Universiti Putra Malaysia, Malaysia; <sup>2</sup>Faculty of Medicine and Health Sciences, Universiti Putra Malaysia, Malaysia; <sup>3</sup>Selangor District Health Office, Selangor State Health Department, Malaysia; <sup>4</sup>Hulu Langat District Health Office, Selangor State Health Department, Malaysia; <sup>5</sup>Non-Communicable Diseases Control Unit, Selangor State Health Department, Malaysia; <sup>6</sup>Embassy of Malaysia and Mission of Malaysia to European Union, Malaysian Palm Oil Board, Belgium; <sup>7</sup>Nutrition Unit, Product Development and Advisory Services, Malaysian Palm Oil Board, Malaysia

### T6:S28.61

Are Foods With Fat-Related Claims Useful For Weight Management?  
L'Abbe, M\*<sup>1</sup>; Schermel, A<sup>2</sup>; Wong, C<sup>2</sup>  
<sup>1</sup>Chair, Department of Nutritional Sciences, Canada; <sup>2</sup>Department of Nutritional Sciences, University of Toronto, Canada

### T6:S28.62

Even A Very Intense Exposure To TV Advertising Promoting Fruit Consumption Is Not Enough To Have Children Eating More Fruit: Results From An Experimental Study In Italy  
Vecchio, M<sup>1</sup>; Nikolakis, L<sup>1</sup>;

Galasso, F<sup>1</sup>; Gregori, D\*<sup>2</sup>  
<sup>1</sup>Zeta Research SRL, Italy; <sup>2</sup>University of Padova, Italy

### Track 6: Session 29: Exercise and Physical Activity

#### T6:S29.06

Effects Of Circuit Training Program In Obese Adults  
Adnan, R\*  
Faculty of Sports Science and Recreation UiTM Shah Alam, Malaysia

#### T6:S29.07

Effect Of Exercise Training On Appetite Control: Separating Satiety And Satiety In Overweight And Obese Men And Women  
Gibbons, C\*<sup>1</sup>; Finlayson, G<sup>1</sup>; Caudwell, P<sup>1</sup>; Naslund, E<sup>2</sup>; Blundell, J<sup>1</sup>  
<sup>1</sup>University of Leeds, United Kingdom; <sup>2</sup>Karolinska Institutet, Sweden

#### T6:S29.08

Effects Of Chronic Exercise Training On Inflammatory Markers In Australian Overweight And Obese Individuals In A Randomized Controlled Trial  
Pal, S\*<sup>1</sup>; Ho, S<sup>2</sup>; Dhaliwal, S<sup>3</sup>; Hill, A<sup>4</sup>  
Curtin University, Australia

#### T6:S29.09

The Sensitivity Of An Obesity Model To Physical Activity Inputs  
Mizdrak, A\*<sup>1</sup>; Scarborough, P<sup>2</sup>  
University of Oxford, United Kingdom

#### T6:S29.10

Rope Skipping As A Measure To Fight Obesity  
Mohd Radzi, A\*<sup>1</sup>; Rambely, A<sup>2</sup>; Chellapan, K<sup>3</sup>  
Universiti Kebangsaan Malaysia, Malaysia

#### T6:S29.11

Effect Of Taurine With And Without Concurrent Training On Total And Segmental Body Fat Of Postmenopausal Women  
Rossi, F<sup>1</sup>; Freitas Jr, I\*<sup>2</sup>; Piccolo, M<sup>3</sup>; Fortaleza, A<sup>4</sup>; Neves, L<sup>5</sup>; Buonani, C<sup>6</sup>  
São Paulo State University, Brazil

## TRACK 6 – FROM HOME ENVIRONMENT TO SOCIETY: CAUSES AND CONSEQUENCES

### T6:S29.12

Effect Of Exercise Training On ENOS Expression, NO Production And Oxygen Metabolism In Human Placenta  
Ramírez-Velez, R\*  
Universidad Santo Tomás, Facultad de Cultura Física, Deporte y Recreación, Bogotá, D.C., Colombia., Colombia

### T6:S29.13

Combined Aerobic And Resistance Exercise On Metabolic And Body Composition Outcomes In Primigravid Latina Women  
Ramírez-Velez, R\*  
Universidad Santo Tomás, Facultad de Cultura Física, Deporte y Recreación, Bogotá, D.C., Colombia., Colombia

### T6:S29.14

Can Unconscious Walking Rate In Obesity Education Determine Obese After One Year?  
Kimura, A\*<sup>1</sup>; Noguchi, M<sup>2</sup>  
<sup>1</sup>Gunma PAZ college, Japan; <sup>2</sup>Kinjo University, Japan

### T6:S29.15

Effect Of Isoenergetic Active Video Game And Exercise Sessions On Nutritional Adaptations In Lean And Obese Adolescents  
THIVEL, D\*<sup>1</sup>; Genin, P<sup>1</sup>; Le Moel, B<sup>1</sup>; Chaput, J<sup>2</sup>  
<sup>1</sup>AME2P Laboratory, France; <sup>2</sup>HALO research group, Canada

### T6:S29.16

Predictors Of Exercise Program Adherence And Subsequent Physical Activity During 2-year Follow-up In Weight-reduced Men  
Borg, P\*<sup>1</sup>; Kukkonen-Harjula, K<sup>1</sup>; Fogelholm, M<sup>2</sup>  
<sup>1</sup>UKK Institute, Finland; <sup>2</sup>University of Helsinki, Finland

## TRACK 7 – FROM INDIVIDUAL CHOICE TO POPULATION PREVENTION: SOLUTIONS AND INTERVENTIONS

### Track 7: Session 31: Getting policy changed

#### T7:S31.05

The Co-Ops Collaboration: Engaging The Obesity Prevention Community  
Smith, E\*<sup>1</sup>; Whelan, J<sup>1</sup>; Love, P<sup>1</sup>; Allender, R<sup>3</sup>; Pettman, T<sup>3</sup>; Armstrong, R<sup>3</sup>; Waters, E<sup>3</sup>; Coveney, J<sup>4</sup>; Gill, T<sup>5</sup>  
<sup>1</sup>CO-OPS Collaboration, Australia; <sup>2</sup>Deakin University, Australia; <sup>3</sup>The University of Melbourne, Australia; <sup>4</sup>Flinders University, Australia; <sup>5</sup>The University of Sydney, Australia

#### T7:S31.06

Nutrition Labeling Identified: Indonesian Food Has Lower Energy Density Than International Food Pilot Project For Combating Community Obesity In Malang-Indonesia  
Handayani, D\*<sup>1</sup>; Hanifa, H; Wiedjarningtyas, N; Rahmawati, W  
University of Brawijaya, Indonesia

#### T7:S31.07

Weigh In WA: An Innovative, Evidence Based And Systemic Approach To Tackle Australia's Rising Obesity Levels And Drive Policy Change.  
Hurd, J\*<sup>1</sup>; Mitchell, H<sup>1</sup>; Stoneham, M<sup>2</sup>  
<sup>1</sup>Diabetes WA, Australia; <sup>2</sup>Public Health Advocacy Institute of WA, Australia

#### T7:S31.08

Soaring Burden Of Obesity And Chronic Diseases In China And Its Implications For Prevention And Clinical Practice  
WU, W<sup>1</sup>; WANG, W<sup>1</sup>; ZHANG, Z<sup>2</sup>; YAN, Y\*<sup>2</sup>; MI, M<sup>3</sup>  
<sup>1</sup>Johns Hopkins Bloomberg School of Public Health, USA; <sup>2</sup>Peking Union Medical College and Capital Institute of Pediatrics, China; <sup>3</sup>Capital Institute of Pediatrics, China

#### T7:S31.09

Food Policy Processes: A Case Study On Front Of Pack Nutrition Labels In The UK  
Mwatsama, M\*<sup>1</sup>; Mays, N  
London School of Hygiene and Tropical Medicine, United Kingdom

#### T7:S31.10

Health In All Policies At The Local Level: The Case For Intergenerational Healthy Living Within Supportive Economic, Political, Physical And Social Environments  
Lapierre, J\*<sup>1</sup>; Boucher, J<sup>2</sup>; Ménard, A<sup>3</sup>; Blais, H<sup>4</sup>; Ndengeyingoma, A<sup>2</sup>  
<sup>1</sup>Université Laval, Faculté des sciences infirmières, Canada; <sup>2</sup>Université du Québec en Outaouais, Canada; <sup>3</sup>Coopérative de Santé de Thurso, Canada; <sup>4</sup>Municipalité de Thurso, Canada

#### T7:S31.11

Part Of The Solution: A Framework To Deal With Constraints In The Evaluation Of Multi-faceted Community Programs Of Overweight Prevention In The Netherlands.  
Van Koperen, T\*<sup>1</sup>; Renders, C<sup>1</sup>; Schuit, A<sup>2</sup>; Seidell, J<sup>1</sup>  
<sup>1</sup>VU University Amsterdam, Netherlands; <sup>2</sup>National Institute for Public Health and Environment (RIVM), Netherlands

#### T7:S31.12

Mapping The Obesity Prevention Landscape In Australia  
Whelan, J\*<sup>1</sup>; Smith, E<sup>1</sup>; Love, P<sup>1</sup>; Romanus, A<sup>1</sup>; Bolton, K<sup>2</sup>; Pettman, T<sup>3</sup>; Allender, S<sup>4</sup>  
<sup>1</sup>CO-OPS Collaboration, Population Health Strategic Research Centre, Deakin University, Geelong, Victoria, Australia; <sup>2</sup>WHO-Collaborating Centre for Obesity Prevention, Deakin University, Geelong, Victoria, Australia; <sup>3</sup>The CO-OPS Collaboration, University of Melbourne, Australia; <sup>4</sup>WHO-Collaborating Centre for Obesity Prevention, Deakin University, Geelong, Victoria, Australia, Australia

#### T7:S31.13

Assessing Gaps And Opportunities For Policy To Promote Healthy Diets In The Development Of Food Sovereignty Legislation In Ecuador  
Garton, K\*  
International Development Research Centre, Canada

#### T7:S31.14

Overcoming Obesity -- Wellbeing From Healthy Nutrition And Physical Activity. National Obesity Programme 2012--2015 In Finland  
Mäki, P\*<sup>1</sup>; Männistö, S<sup>2</sup>; Laatikainen, T<sup>2</sup>; Lindström, J<sup>2</sup>; Lehtinen-Jacks, S<sup>2</sup>; Vartiainen, E<sup>2</sup>  
<sup>1</sup>The National Institute for Health and Welfare, Finland; <sup>2</sup>National Institute for Health and Welfare, Finland

#### T7:S31.15

Association Of Maternal Short Stature With Child Stunting In Rural Communities Mexico  
L, V\*<sup>1</sup>; Mendoza, A; Thébar, E; Olvera, F  
Un Kilo de Ayuda A.C., Mexico

#### T7:S31.16

A Proposed Framework For Evaluating The Socioeconomic Health Impact Of Obesity Prevention Strategies  
Backholer, K<sup>1</sup>; Beauchamp, A<sup>1</sup>; Ball, K<sup>2</sup>; Turrell, G<sup>3</sup>; Martin, J<sup>4</sup>; Woods, J<sup>2</sup>; Peeters, A\*<sup>1</sup>  
<sup>1</sup>Baker IDI Heart and Diabetes Institute, Australia; <sup>2</sup>Deakin University, Australia; <sup>3</sup>Queensland University of Technology, Australia; <sup>4</sup>Obesity Policy Coalition, Australia

#### T7:S31.17

Obesity Control: Learning From Tobacco Control And Advocacy For A Framework Convention On Obesity Control (FCOC)  
Lam, T\*  
School of Public Health, The University of Hong Kong, Hong Kong

#### T7:S31.18

Implementing Menu Labelling In Denmark, Experts' Perspectives  
Littlewood, J\*<sup>1</sup>; Svastisalee, C<sup>1</sup>; Tøttenborg, S<sup>2</sup>; Hansen, G<sup>2</sup>  
<sup>1</sup>Metropol Universtiy College, Denmark; <sup>2</sup>Danish Cancer Society, Denmark

### Track 7: Session 33: Personalised vs. population nutrition

#### T7:S33.07

Agreement And Association Between Body Image And Body Mass Index In Adolescents  
Santos, C<sup>1</sup>; Castro, I\*<sup>1</sup>; Cardoso, L<sup>2</sup>; Tavares, L<sup>1</sup>

<sup>1</sup>State University of Rio de Janeiro, Brazil; <sup>2</sup>National School of Public Health/Fiocruz, Brazil

#### T7:S33.08

Relative Validity Of Physical Activity Indicators From Of Brazilian National School-Based Adolescent Health Survey  
Tavares, L<sup>1</sup>; Castro, I\*<sup>1</sup>; Levy, R<sup>2</sup>; Cardoso, L<sup>3</sup>; Claro, R<sup>4</sup>; Oliveira, A<sup>5</sup>  
<sup>1</sup>State University of Rio de Janeiro, Brazil; <sup>2</sup>University of Sao Paulo, Brazil; <sup>3</sup>National School of Public Health/FIOCRUZ, Brazil; <sup>4</sup>Federal University of Minas Gerais, Brazil; <sup>5</sup>Municipality of Rio de Janeiro, Brazil

#### T7:S33.09

Relative Validity Of Dietary Practices Indicators Of The Brazilian National School-Based Adolescent Health Survey  
Tavares, L<sup>1</sup>; Castro, I\*<sup>1</sup>; Levy, R<sup>2</sup>; Cardoso, L<sup>3</sup>; Passos, M<sup>1</sup>; Brito, F<sup>1</sup>  
<sup>1</sup>State University of Rio de Janeiro, Brazil; <sup>2</sup>University of Sao Paulo, Brazil; <sup>3</sup>National School of Public Health/Fiocruz, Brazil

#### T7:S33.10

Studying The Prevalence Rate Of Micronutrient Deficiency Among Children And Reproductive Age Women  
Abduldayeva, A\*<sup>1</sup>; Smagulova, I  
Medical University Astana, Kazakhstan

#### T7:S33.11

My Healthy Balance: Using The Online Space For Weight Loss Programs -- An Evidence Based Approach  
Hurd, J\*<sup>1</sup>; Mitchell, H; Hawkins, C; Douglas, E  
Diabetes WA, Australia

#### T7:S33.12

Effectiveness Of Home-based Nutrition And Lifestyle Education Package Among Obese Women With Abnormal Electrical Impedance Tomography EIT Conductive Value  
Juliana, N\*<sup>1</sup>; Suzana, S<sup>1</sup>; Ghazali, A<sup>1</sup>; Kanaga, K<sup>1</sup>; Azmani, S<sup>2</sup>; Noah, R<sup>3</sup>  
<sup>1</sup>Universiti Kebangsaan Malaysia, Malaysia; <sup>2</sup>Kementerian Kesihatan Malaysia, Malaysia; <sup>3</sup>Universiti Kuala Lumpur, Malaysia

## TRACK 7 – FROM INDIVIDUAL CHOICE TO POPULATION PREVENTION: SOLUTIONS AND INTERVENTIONS

### T7:S33.13

Design Of CIAO, A Comprehensive Research Program To Support The Development Of An Integrated Approach To Prevent Overweight In Children In The Netherlands  
Van Koperen, M<sup>1</sup>; Van der Kleij, M<sup>2</sup>; Renders, C<sup>1</sup>; Crone, M<sup>2</sup>; Ruiters, E<sup>3</sup>; Van de Gaar, V<sup>4</sup>; Seidell, J<sup>1</sup>; Schuit, A<sup>5</sup>  
<sup>1</sup>VU University Amsterdam, Netherlands; <sup>2</sup>Leiden University Medical Center (LUMC), Netherlands; <sup>3</sup>University Medical Centre St. Radboud, Netherlands; <sup>4</sup>Erasmus University Rotterdam, Netherlands; <sup>5</sup>National Institute for Public Health and Environment (RIVM), Netherlands

### T7:S33.14

Obesity Prevention Case Studies – Local Stories To Inform The Evidence-practice-policy Cycle  
Love, P<sup>1</sup>; Pettman, T<sup>2</sup>; Smith, E<sup>1</sup>; Romanus, A<sup>1</sup>; Whelan, J<sup>1</sup>; Allender, S<sup>3</sup>; Gill, T<sup>4</sup>; Waters, E<sup>2</sup>; Coveney, J<sup>5</sup>; Swinburn, B<sup>6</sup>  
<sup>1</sup>CO-OPS Collaboration, Population Health SRC, Deakin University, Geelong, VIC, Australia; <sup>2</sup>The McCaughey VicHealth Centre, School of Population Health, University of Melbourne, VIC, Australia; <sup>3</sup>WHO-Collaborating Centre for Obesity Prevention, Deakin University, Geelong, VIC, Australia; <sup>4</sup>Boden Institute of Obesity, Nutrition, Exercise and Eating Disorders, University of Sydney, NSW, Australia; <sup>5</sup>School of Medicine, Flinders University, Adelaide, SA, Australia; <sup>6</sup>Nutrition and Global Health, University of Auckland, Auckland, New Zealand

### T7:S33.15

Can Counter-advertising Reduce Parent's Susceptibility To Front-of-package Promotions On Unhealthy Foods?: Experimental Research  
Dixon, H<sup>1</sup>; Scully, M<sup>2</sup>; Kelly, B<sup>3</sup>; Donovan, R<sup>4</sup>; Chapman, K<sup>5</sup>; Wakefield, M<sup>6</sup>  
<sup>1</sup>Cancer Council Victoria, Australia; <sup>2</sup>Cancer Council Victoria, Australia; <sup>3</sup>University of Wollongong, Australia; <sup>4</sup>Curtin University, Australia; <sup>5</sup>Cancer Council New South Wales, Australia; <sup>6</sup>Cancer Council Victoria, Australia

### T7:S33.16

Outcomes And Impacts - What Helps To Improve The Sustainability Of Community-based Obesity Prevention Initiatives?  
Whelan, J<sup>1</sup>; Love, P<sup>2</sup>; Booth, S<sup>3</sup>; Smith, E<sup>2</sup>; Pettman, T<sup>4</sup>; Swinburn, B<sup>5</sup>; Allender, S<sup>6</sup>  
<sup>1</sup>The CO-OPS Collaboration, Deakin University, Australia; <sup>2</sup>CO-OPS Collaboration, Population Health Strategic Research Centre, Deakin University, Geelong, Victoria, Australia; <sup>3</sup>CO-OPS Collaboration, Flinders University, Australia; <sup>4</sup>CO-OPS Collaboration, University of Melbourne, Australia; <sup>5</sup>Nutrition and Global Health, University of Auckland, Auckland, New Zealand, New Zealand; <sup>6</sup>WHO-Collaborating Centre for Obesity Prevention, Deakin University, Geelong, Victoria, Australia, Australia

### T7:S33.17

Awareness And Impact Of The LiveLighter "sugary Drinks" Obesity Campaign  
Morley, B<sup>1</sup>; Niven, P<sup>1</sup>; Dixon, H<sup>1</sup>; Wakefield, M<sup>1</sup>; Swanson, M<sup>2</sup>; Szybiak, M<sup>2</sup>; Shilton, T<sup>2</sup>; Pratt, S<sup>3</sup>; Slevin, T<sup>3</sup>  
<sup>1</sup>Cancer Council Victoria, Australia; <sup>2</sup>Heart Foundation Western Australia, Australia; <sup>3</sup>Cancer Council Western Australia, Australia

### T7:S33.18

Finding The Keys To Successful Public Health Campaigns Promoting Healthy Weight And Lifestyle To Adults: Qualitative Research  
Dixon, H<sup>1</sup>; Murphy, M<sup>2</sup>; Cotter, T<sup>3</sup>; Scully, M<sup>1</sup>; Wakefield, M<sup>1</sup>  
<sup>1</sup>Cancer Council Victoria, Australia; <sup>2</sup>Michael Murphy Research, Australia; <sup>3</sup>Victorian Comprehensive Cancer Centre, Australia

### T7:S33.19

The Quality Of External Validity Reporting In Obesity Prevention Randomized Controlled Trials In Young Adults: A Systematic Review  
Partridge, S<sup>1</sup>; Juan, J<sup>1</sup>; Allman-Farinelli, M<sup>1</sup>  
University of Sydney, Australia

### T7:S33.20

Nutrition Education, Physical Activity And High Fibre Snack Replacement - A Holistic Approach On Obese Children  
C.A.Kalpna, C<sup>\*</sup>  
Avinashilingam Institute For Home Science And Higher Education For Women, India

### T7:S33.21

Effect Of Weight Reduction On Korean High Protein Diet In Obese Women  
Suh, Y<sup>1</sup>; Kang, H<sup>1</sup>; Kim, M<sup>2</sup>; Kim, S<sup>3</sup>  
<sup>1</sup>Keimyung University Dongsan Medical Center, Research Center for Clinical Nutrition, Keimyung University, Korea, Republic of; <sup>2</sup>Dept. of Internal Medicine, Keimyung University Dongsan Medical Center, Research Center for Clinical Nutrition, Keimyung Univ, Korea, Republic of; <sup>3</sup>Catholic University Hospital of Daegu, Korea, Republic of

### T7:S33.22

Impact Of "Cottage Cheese And Fish" Dietary Pattern On Metabolic Profile Of Polish Adolescents From Less-urbanized Regions. The POLYSES Project  
Dlugosz, A<sup>1</sup>; Niedzwiecka, E<sup>2</sup>; Cz<sup>3</sup>apka-Matyasik, M<sup>3</sup>; Rosinska, Z<sup>1</sup>; Wadolowska, L<sup>2</sup>  
<sup>1</sup>Chair and Department of Nutrition and Dietetics, Nicolaus Copernicus University, Collegium Medicum, Bydgoszcz, Poland; <sup>2</sup>Department of Human Nutrition, University of Warmia and Mazury in Olsztyn, Poland; <sup>3</sup>Poznan Univ of Life Sciences, Poland

### T7:S33.23

The Sustainability Of An Islamic Dietary Behaviour Intervention To Control Overweight Among Working Women  
Suriani Ismail, S<sup>1</sup>; Khadijah Shamsuddin, K<sup>2</sup>; Khalib Abdul Latiff, K<sup>3</sup>; Hazizi Abu Saad, H<sup>3</sup>; Latifah Abd Majid, L<sup>4</sup>; Fadlan Mohd Othman, F<sup>4</sup>  
<sup>1</sup>Dept. of Community Health, Faculty of Medicine and Health Sciences, Universiti Putra Malaysia, Malaysia; <sup>2</sup>Dept. of Community Health, Faculty of Medicine, Universiti Kebagsaan Malaysia, Malaysia; <sup>3</sup>Dept. of Nutrition and Dietetics, Faculty of Medicine and Health Sciences, Universiti Putra Malaysia, Malaysia; <sup>4</sup>Dept. of

al-Quran & Sunnah, Faculty of Islamic Studies, Universiti Kebangsaan Malaysia, Malaysia

### T7:S33.24

Process Evaluation Of The Front Of Pack Labeling Strategy In Mexico: Baseline Results Of Consumers' Behaviors Towards Food Labels.  
Carriedo, A; Mena, C; Nieto, C; Alcalde, J; Barquera, S<sup>\*</sup>  
Instituto Nacional de Salud Publica, Mexico

### Track 7: Session 34: Pediatric obesity

### T7:S34.08

Neighbourhood Safety And Childhood Obesity Among Primary School Children In Baghdad City Iraq  
Ghazi, H<sup>\*</sup>; Isa, Z; Shah, S; Abdal Qader, M; Hasan, T  
Ukm Medical Centre, Malaysia

### T7:S34.09

Improving Data Collection For A National Childhood Obesity Surveillance Programme  
Townsend, N<sup>\*</sup>  
University of Oxford, United Kingdom

### T7:S34.10

Association Between Sedentary Behavior And Abdominal Obesity In Preschool Children  
Mota, J<sup>\*</sup>; Silva-Santos, S; Vale, S  
CIAFEL-FADEUP, Portugal

### T7:S34.11

Relationship Between Mastication Ability And Obesity In Japanese Preschool Children  
HARA, \*<sup>1</sup>; Takahashi, K<sup>2</sup>; Ueda, H<sup>3</sup>; Mukunoki, N<sup>4</sup>; Furukawa, S<sup>4</sup>  
<sup>1</sup>Showa Women's University, Japan; <sup>2</sup>Dokanyama Gakuen Child care Welfare College, Japan; <sup>3</sup>Dokanyama Kindergarten, Japan; <sup>4</sup>Department of Food and Health Sciences, Faculty of Human Life Sciences, Jissen Women's University, Japan

### T7:S34.12

Vegetables, Milk And Milk Products, And Overall Food Group Intakes Are Associated With Body Fatness Among Otago Adolescents  
Wong, J<sup>1</sup>; Parnell, W<sup>2</sup>; Black, K<sup>2</sup>; Skidmore, P<sup>2</sup>

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### T7:S34.13

Increasing Burden Of Obesity Among Children 5 -- 11 Years Old In Lagos Nigeria  
Ogbo, P<sup>\*</sup>; Aina, B; Obettah, N  
University of Lagos, Nigeria

### T7:S34.14

Are Balance And Quality Of Life Impaired In Children Who Are Obese?  
O'Malley, G<sup>\*</sup>; Killeen, S; Murphy, S  
Temple Street Children's University Hospital, Ireland

### T7:S34.15

The Children's Body Image Scale: Further Applicability And Use In Ethnically Diverse Populations  
Truby, H<sup>1</sup>; Truby, H<sup>2</sup>; O'Connor, J<sup>2</sup>; Mitchell, L<sup>2</sup>  
<sup>1</sup>Be Active Sleep Eat Facility, Australia; <sup>2</sup>Monash University, Australia

### T7:S34.16

Quality Of Dietary Assessment Methodology And Reporting In Epidemiology Studies Examining Relationship Between Dietary Outcome And Childhood Obesity In Developing Asian Countries: A Systematic Review  
Yang, W<sup>1</sup>; Burrows, T<sup>1</sup>; MacDonald-Wicks, L<sup>1</sup>; Williams, L<sup>2</sup>; Collins, C<sup>1</sup>; Chee, W<sup>3</sup>  
<sup>1</sup>University of Newcastle, Australia; <sup>2</sup>Griffith University, Australia; <sup>3</sup>International Medical University, Malaysia

### T7:S34.17

Intake Of Liquid Versus Solid Energy And Change In Weight Status In Australian Children  
Zheng, M<sup>1</sup>; Allman-Farinelli, M<sup>1</sup>; Marks, G<sup>2</sup>; Toelle, B<sup>2</sup>; Cowell, C<sup>3</sup>; Heitmann, B<sup>4</sup>; Rangan, A<sup>1</sup>  
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### T7:S34.18

The Bodysmart Detective Agency. Engaging Young Children In Lifestyle Education And Behaviour Change Theory

Russell, L<sup>\*</sup>; Norfolk, J; Curran, J; Bell, L; Price, L; Allen, A; Messina, D; Tremayne, A; Johnson, S; Doust, J; Davis, E; Russell, L  
Princess Margaret Hospital for Children, Australia

### T7:S34.19

Are Negative Thoughts About Physical Activity Stopping Children From Being Active?  
Ling, F<sup>1</sup>; McManus, A<sup>2</sup>; Masters, R<sup>3</sup>; Polman, R<sup>4</sup>  
<sup>1</sup>Institute of Sport, Exercise & Active Living, Australia; <sup>2</sup>School of Health & Exercise Science, University of British Columbia, Canada; <sup>3</sup>Institute of Human Performance, University of Hong Kong, Hong Kong; <sup>4</sup>Institute of Sport, Exercise & Active Living, Victoria University, Australia

### T7:S34.20

Dietary Risk Scores Of Australian Toddlers Are Associated With Nutrient Intakes And Socio-demographic Factors, But Not Adiposity  
Bell, L<sup>1</sup>; Golley, R<sup>2</sup>; Magarey, A<sup>1</sup>  
<sup>1</sup>Flinders University, Australia; <sup>2</sup>University of South Australia, Australia

### T7:S34.21

The Effectiveness Of A Cluster-randomized Controlled Childhood Obesity Prevention Study Among Chinese Primary School Students: CLICK-Obesity  
Xu, F<sup>1</sup>; Leslie, E<sup>2</sup>; Ware, R<sup>3</sup>; Tse, L<sup>4</sup>; Wang, Z<sup>5</sup>; Hong, X<sup>6</sup>; Yang, H<sup>5</sup>; Qi, S<sup>5</sup>; Li, J<sup>5</sup>; Song, A<sup>6</sup>; Wang, Y<sup>7</sup>  
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### T7:S34.22

Profiles Of Sex Hormones In Relation To Clinical Pubertal

Development In Representative Cohorts Of Healthy Lean And Obese Children  
Körner, A<sup>\*</sup>; Pfäffle, R; Scheuermann, K; Neef, M; Berthold, A; Wagner, I; Kiess, W; Kratzsch, J  
University of Leipzig, Germany

### T7:S34.23

Parental Feeding Practices And Associations With Child's BMI: Psychometric Properties Of The Child Feeding Questionnaire In A Multiethnic Sample Of Families With 4-year-old Children In Sweden  
Nowicka, P<sup>1</sup>; Sorjonen, K<sup>1</sup>; Pietrobello, A<sup>2</sup>; Flodmark, C<sup>3</sup>; Faith, M<sup>4</sup>  
<sup>1</sup>Karolinska Institute, Sweden; <sup>2</sup>Verona University Medical School, Italy; <sup>3</sup>Skane University Hospital, Sweden; <sup>4</sup>University of North Carolina - Chapel Hill, USA

### T7:S34.24

Overweight And Obesity Status Among Children And Adolescents In South China And Their Characteristics  
Liu, Y<sup>\*</sup>; Duan, R; Xue, H; Yang, M; Zhou, X; Cheng, G  
West China School of Public Health, Sichuan University, China

### T7:S34.25

What And How Childhood Obesity Prevention Interventions Should Be Delivered In China: A Qualitative Study  
Li, B<sup>1</sup>; Adab, P<sup>2</sup>; Cheng, K<sup>2</sup>  
<sup>1</sup>College of Medical and Dental Sciences, University of Birmingham, United Kingdom; <sup>2</sup>College of Medical and Dental Sciences, University of Birmingham, United Kingdom

### T7:S34.26

Vitamin D Deficiency In Obese Children And Adolescents: Relationship With Plasma Levels Of Vitamin D And Metabolic Syndrome (MetS)-related Factors In Japanese Obese Children And Adolescents With MetS  
GOTO, M<sup>\*</sup>; YAMAMOTO, Y; ISHII, M; SAITO, R; ARAKI, S; KUBO, K; KAWAGOE, R; KAWADA, Y; KUSUHARA, K  
School of Medicine, Department of Pediatrics, University of Occupational and Environmental Health, Kitakyushu Japan., Japan

### T7:S34.27

Impacts Of An Early Childhood Obesity Prevention Intervention Help Explain The Mechanisms Of Behaviour Change Observed: Mediation Analyses From The Melbourne InFANT Program.  
Hesketh, K<sup>\*</sup>; Salmon, J; Crawford, D; Ball, K; Abbott, G; Campbell, K  
C-PAN Deakin University, Australia

### T7:S34.28

Breakfast And Overweight/obesity In Adolescents Of Ho Chi Minh City, Vietnam  
Hong, T<sup>1</sup>; Trang D, N<sup>1</sup>; Dibley, M<sup>2</sup>  
<sup>1</sup>Pham Ngoc Thach University Of Medicine, Vietnam; <sup>2</sup>Sydney School Of Public Health, Australia

### T7:S34.29

The Keys To Healthy Family Child Care Homes (KEYS) Intervention Study: Design, Rationale And Baseline Characteristics  
Østbye, T<sup>1</sup>; Mann, C<sup>1</sup>; Namenek Brouwer, R<sup>1</sup>; Vaughn, A<sup>2</sup>; Bartlett, R<sup>2</sup>; Ward, D<sup>2</sup>  
<sup>1</sup>Duke University, USA; <sup>2</sup>University of North Carolina at Chapel Hill, USA

### T7:S34.30

Seasonal Variability In Weight Change During Elementary School  
Johnston, C<sup>\*</sup>; Moreno, J; Papaioannou, M; Foreyt, J  
Baylor College of Medicine, USA

### T7:S34.31

Assessment Of Childhood Obesity And Overweight In Thai Children Grade 5-9 In Bma Bilingual Schools, Bangkok, Thailand  
Chawla, N<sup>1</sup>; Panza, A<sup>2</sup>  
<sup>1</sup>Food and Nutrition Policy for Health Promotion, International Health Policy Program (IHPP), Thailand; <sup>2</sup>College of Public Health Sciences, Chulalongkorn University, Thailand

### T7:S34.32

Sticking Around: Exploring Reasons For Canadian Families' Continued Involvement In Pediatric Weight Management  
Farnesi, B<sup>1</sup>; Garcia, A<sup>2</sup>; Dhaliwal, J<sup>2</sup>; Holt, N<sup>3</sup>; Morrison, K<sup>4</sup>; Legault, L<sup>5</sup>; Sharma, A<sup>6</sup>; Gokiart,

## TRACK 7 – FROM INDIVIDUAL CHOICE TO POPULATION PREVENTION: SOLUTIONS AND INTERVENTIONS

R<sup>3</sup>; Chanoine, J<sup>7</sup>; Ball, G<sup>2</sup>  
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### T7:S34.33

A Longitudinal Study Of Physical Activity And Sedentary Activity Among Adolescents Of Ho Chi Minh City (HCMC) From 2004 To 2009: Are They Doing Less Activity?  
 Dibley, M<sup>\*1</sup>; Trang, N<sup>2</sup>; Hong, T<sup>3</sup>  
<sup>1</sup>The University of Sydney, Australia; <sup>2</sup>Pham Ngoc Thach University of Medicine, Vietnam; <sup>3</sup>Pham Ngoc Thach University of Medicine, Vietnam

### T7:S34.34

Completion Of Child Weight Management Programmes: Can Pre-treatment Educational Achievement Predict Success?  
 Martin, A<sup>\*1</sup>; Saunders, D<sup>2</sup>; Stewart, L<sup>3</sup>; McGeown, S<sup>4</sup>; Sproule, J<sup>2</sup>  
<sup>1</sup>University of Edinburgh, United Kingdom; <sup>2</sup>Institute for Sport, Physical Education & Health Sciences, University of Edinburgh, United Kingdom; <sup>3</sup>Paediatric Overweight Service Tayside, Perth Royal Infirmary, Perth, United Kingdom; <sup>4</sup>Institute for Education, Community & Society, University of Edinburgh, United Kingdom

### T7:S34.35

Is The Intake Of Sweetened Beverages Associated With Weight Loss In A Childhood Obesity Treatment Program?  
 Trier, C<sup>\*1</sup>; Gamborg, M<sup>2</sup>; Fonvig, C<sup>1</sup>; Kloppenborg, J<sup>3</sup>; Mollerup, P<sup>1</sup>; Holm, J<sup>1</sup>  
<sup>1</sup>The Children's Obesity Clinic, Department of Pediatrics, Copenhagen University Hospital Holbæk, Denmark; <sup>2</sup>Institute of Preventive Medicine, Copenhagen University Hospital, Denmark; <sup>3</sup>Department of Pediatrics, Copenhagen University Hospital Herlev, Denmark

### T7:S34.36

Feasibility Of Using Routinely Collected Height And Weight

Measurements Of Preschool Children For Monitoring Overweight And Obesity In Australia  
 Nichols, M<sup>\*1</sup>; Waters, E<sup>2</sup>; Cleary, J<sup>3</sup>; Proimos, J<sup>3</sup>; Allender, S<sup>1</sup>  
<sup>1</sup>Deakin University, Australia; <sup>2</sup>University of Melbourne, Australia; <sup>3</sup>Victorian Government Department of Education and Early Childhood Development, Australia

### T7:S34.37

Food Preferences In Obese Adolescents.  
 Jensen, D<sup>\*1</sup>; Baxter, K<sup>2</sup>; Finlayson, G<sup>3</sup>; King, N<sup>4</sup>; Batch, J<sup>5</sup>; Truby, H<sup>6</sup>  
<sup>1</sup>Queensland Children's Medical Research Institute, Australia; <sup>2</sup>Children's Nutrition Research Centre, Australia; <sup>3</sup>University of Leeds, United Kingdom; <sup>4</sup>Institute of Health and Biomedical Innovation, Queensland University of Technology, Australia; <sup>5</sup>Children's Health Queensland, Australia; <sup>6</sup>Monash University, Australia

### T7:S34.38

Sleep Deprivation, Screen Time And Their Effects On Obesity And Metabolic Syndrome Parameters Among Malaysian Adolescents  
 Loh, D<sup>\*</sup>; Moy, F; Zaharan, N; Mohamed, Z  
 University of Malaya, Malaysia

### T7:S34.39

Different Intensities Of Physical Activity As Determinants Of Vitamin D Status In Youth  
 Martins, C<sup>\*1</sup>; Aires, L<sup>2</sup>; Silva, G<sup>3</sup>; Lemos, L<sup>4</sup>; Ferrão, H<sup>5</sup>; Mota, J<sup>2</sup>  
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### T7:S34.40

Association Of BMI And Plasma Adiponectin Level In Paediatric Population: Normal Weight, Overweight, Obese And Morbid Obese  
 Rahmadhani, R<sup>\*</sup>; Zaharan, N; Jalaludin, M; Mohamed, Z  
 University of Malaya, Malaysia

### T7:S34.41

Evaluation Of Central Obesity In 13-year Old Malaysian Adolescent Population: A Prospective Cross-sectional Study  
 HAMIDI, A<sup>\*</sup>; Zaharan, N; Jalaludin, M; Mohamed, M; Loh, D; Mohamed, Z  
 University of Malaya, Malaysia

### T7:S34.42

Live As You Learn. A Three Month Follow Up Of A One Week Lifestyle Intervention Camp For Overweight And Obese Swedish Adolescents  
 Brissman, M<sup>1</sup>; Janson, A<sup>2</sup>; Kilgour Kling, K<sup>\*2</sup>  
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### T7:S34.43

Association Between Physical Activity And Quality Of Life In A Sample Of Malaysian Obese Children  
 Wafa, S<sup>\*1</sup>; Talib, R<sup>2</sup>; Hamzaid, N<sup>2</sup>; Reilly, J<sup>3</sup>  
<sup>1</sup>Faculty Of Medicine And Health Sciences, Malaysia; <sup>2</sup>Universiti Kebangsaan Malaysia, Malaysia; <sup>3</sup>University Of Strathclyde, United Kingdom

### T7:S34.44

Study Of Exogenous Risk Factors For Obesity In School Children From Galati County, Romania  
 Baci, G<sup>\*1</sup>; Radu, M<sup>2</sup>; Mihalache, D<sup>2</sup>; Stan, G<sup>2</sup>; Baci, A<sup>3</sup>  
<sup>1</sup>"Sf. Ioan" Emergency Children's Hospital, Galati, "Dunarea de Jos" University, Faculty of Medicine and Pharmacy, Galati, Romania; <sup>2</sup>"Sf. Ioan" Emergency Children's Hospital, Galati, Romania; <sup>3</sup>"Carol Davila", University of Medicine and Pharmacy, Bucharest, Romania

### T7:S34.45

The Development Of Body Image Scales To Improve Parental Recognition Of Childhood Overweight: The Map Me Study  
 Jones, A<sup>\*1</sup>; Tovée, M<sup>1</sup>; Ruto, A<sup>2</sup>; Cutler, L<sup>1</sup>; Parkinson, K<sup>1</sup>; ELLS, L<sup>3</sup>; Scott, D<sup>4</sup>; Araujo-Soares, V<sup>1</sup>;

Pearce, M<sup>1</sup>; Harris, J<sup>5</sup>; Crawford, A<sup>6</sup>; Adamson, A<sup>1</sup>  
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### T7:S34.46

Increasing Physical Activity In Primary School Children In England: A Case Study  
 Huber, J<sup>\*1</sup>; Sixsmith, J<sup>1</sup>; Ryder, R<sup>1</sup>; Doe, E<sup>1</sup>; Browne, J<sup>2</sup>  
<sup>1</sup>University of Northampton, United Kingdom; <sup>2</sup>Northamptonshire Sports, United Kingdom

### T7:S34.47

Effects Of Concurrent And Functional Training On Body Composition And Resting Energy Expenditure In Obese Adolescents  
 Freitas Junior, I<sup>\*</sup>; Oliveira, B; Buonani, C; Diniz, T; Monteiro, P; Antunes, B; Rossi, F  
 São Paulo State University, Brazil

### T7:S34.48

Waist Circumference As The Outcome Of Healthy Eating And Be Active (HEBAT!) Program For Obese Children  
 Hane, F<sup>\*1</sup>; Siti Sabariah, B<sup>1</sup>; Ruzita, A<sup>1</sup>; Syarif, H<sup>1</sup>; Che Fazalani, F<sup>2</sup>; Poh, B<sup>1</sup>  
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### T7:S34.49

Rapid Infancy Weight Gain And Subsequent Obesity In Preschool In Taiwan  
 LI, Y<sup>\*</sup>; Chiang, T  
 Institute of Health Policy and Management, National Taiwan University, Taiwan

### T7:S34.50

The Relationship Between Screen Time And Health Behavior And Environmental Factor In Childhood  
 OH, H<sup>\*</sup>; park, K  
 Department of Family Medicine Health Promotion Center/Hallym University Sacred Heart Hospital, Korea, Republic of

### T7:S34.51

Effect Of The Omega-3 Fatty Acids EPA And DHA On Physical Activity Among 8-year Old Children, A Randomized Double Blind Pilot Study  
 Fischer, M<sup>\*</sup>; Svensson, V; Danielsson, P; Marcus, C  
 Karolinska Institute, Sweden

### T7:S34.52

Investigating Lifestyle Factors Associated With Obesity In South Asian Children  
 Parmar, J<sup>\*1</sup>; Gasevic, D<sup>1</sup>; Corber, E<sup>2</sup>; Punthakee, Z<sup>3</sup>; Lear, S<sup>4</sup>  
<sup>1</sup>Department of Biomedical Physiology and Kinesiology, Simon Fraser University, Canada; <sup>2</sup>Faculty of Health Sciences, Simon Fraser University, Canada; <sup>3</sup>Division of Endocrinology and Metabolism, McMaster University, Canada; <sup>4</sup>Division of Cardiology, Providence Health Care, Canada

### T7:S34.53

The Active Healthy Kids Scotland Report Card 2013: A Tool For Obesity Monitoring And Advocacy  
 McNeill, G<sup>\*1</sup>; Dick, S<sup>1</sup>; Reilly, J<sup>2</sup>; Tremblay, M<sup>3</sup>  
<sup>1</sup>University of Aberdeen, United Kingdom; <sup>2</sup>University of Strathclyde, United Kingdom; <sup>3</sup>Children's Hospital of Eastern Ontario, Canada

### T7:S34.54

Weighting The Factors Associated With Children Obesity: Toward A G-local Perspective?  
 Gregori, D<sup>\*1</sup>; Vecchio, M<sup>2</sup>  
<sup>1</sup>University of Padova, Italy; <sup>2</sup>Prochild ONLUS, Italy

### T7:S34.55

Baseline Measures Of Participants In The Canadian Pediatric Weight Management Registry (CANPWR) Pilot Study  
 Tremblay, M<sup>\*1</sup>; Ball, G<sup>2</sup>; Chanoine, J<sup>3</sup>; Lambert, M<sup>4</sup>; Buchholz, A<sup>1</sup>; Feng, B<sup>5</sup>; Morrison, K<sup>5</sup>  
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### T7:S34.56

Physical Activity Measurements

By 10 Sec And 60 Sec Epoch Length Using Triaxial Accelerometer Among Elementary School Children In Japan  
 Appukutty, M<sup>\*1</sup>; Tanaka, C<sup>2</sup>; Tanaka, S<sup>3</sup>  
<sup>1</sup>Universiti Teknologi MARA, Malaysia; <sup>2</sup>Division of Integrated Sciences, J. F. Oberlin University, Japan; <sup>3</sup>Department of Nutritional Science, National Institute of Health and Nutrition, Japan

### T7:S34.57

Change In Obesity Prevalence In 7 Years Old Children In The Czech Republic Since 1951  
 Kunesova, M<sup>\*1</sup>; Vignerova, J<sup>1</sup>; Prochazka, B<sup>2</sup>; Braunerova, R<sup>1</sup>; Guttenbergerova, T<sup>3</sup>; Parizkova, J<sup>3</sup>; Zamrazilova, H<sup>3</sup>; Steflova, A<sup>4</sup>  
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### T7:S34.58

Awareness Of Overweight Is Related To A Favourable Weight Development  
 Petersen, S<sup>\*</sup>; Hagglof, B; Bergstrom, E  
 Dept Clinical Sciences, Umea University, Sweden

### T7:S34.59

Is Parental Obesity Associated With Metabolic Risk Factors In Their 1 Year Old Infants?  
 Forssén, M<sup>\*1</sup>; Ekborn, K<sup>2</sup>; Svensson, V<sup>2</sup>; Ek, A<sup>2</sup>; Marcus, C<sup>1</sup>  
<sup>1</sup>Karolinska Institutet Huddinge, Sweden; <sup>2</sup>Karolinska Institutet CLINTEC, Sweden

### T7:S34.60

Understanding Young People's Experiences Of Anti-Obesity Drugs  
 White, B<sup>\*1</sup>; Jamieson, E<sup>2</sup>; Clifford, S<sup>2</sup>; Smith, F<sup>2</sup>; Wong, I<sup>2</sup>; Viner, R<sup>1</sup>  
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### T7:S34.61

Development Of The Cochrane Systematic Review Of Interventions For Preventing Obesity In Children: A Research Program

Steele, E<sup>\*</sup>; Waters, E; Nwagbara, B  
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### T7:S34.62

Priorities For Research Into Prevention Of Childhood Obesity From A Policy Perspective  
 Waters, E<sup>\*</sup>; Steele, E; Nwagbara, B  
 University of Melbourne, Australia

### T7:S34.63

An Evidence Gap Map Of Systematic Reviews On Preventing Obesity In Children: A Tool For Evidence Based Decision-making  
 Nwagbara, B<sup>\*</sup>; Steele, E; Waters, E  
 University of Melbourne, Australia

### T7:S34.64

A Pre-post Pilot Study Of Weight4KIDS -- A Health Professional E-learning Program For Paediatric Obesity Management  
 Alexander, S<sup>1</sup>; Henderson, J<sup>1</sup>; Shrewsbury, V<sup>2</sup>; Baur, L<sup>\*2</sup>  
<sup>1</sup>Weight Management Services, The Children's Hospital Westmead, Australia; <sup>2</sup>Discipline of Paediatrics & Child Health, The University of Sydney, Australia

### T7:S34.65

Body Weight, Weight Perception And Weight Control Practices Among Adolescents In Macao (Special Administrative Region Of China): A Population-based Cross-sectional Study  
 Ho, M<sup>\*1</sup>; keung, M<sup>2</sup>; Lee, A<sup>2</sup>  
<sup>1</sup>University of Sydney, Australia; <sup>2</sup>The Chinese University of Hong Kong, Hong Kong

### T7:S34.66

Paradigm Shift Of Childhood Obesity Management From Health Care System To School System: A School-Based Weight Management Programme  
 Ho, M<sup>\*1</sup>; Kwong, C<sup>2</sup>; Keung, M<sup>2</sup>; Lee, A<sup>2</sup>  
<sup>1</sup>University of Sydney, Australia; <sup>2</sup>The Chinese University of Hong Kong, Hong Kong

### T7:S34.67

Childhood Obesity Chronic Care Treatment  
 Holm, J<sup>\*1</sup>; Gamborg, M<sup>2</sup>; Sørensen, C<sup>1</sup>; Mollerup, P<sup>1</sup>; Nielsen, T<sup>1</sup>; Fonvig, C<sup>1</sup>; Baker, J<sup>2</sup>  
<sup>1</sup>The Children's Obesity Clinic, Dept. of Pediatrics, Copenhagen University Hospital Holbæk, Denmark; <sup>2</sup>Institute of Preventive Medicine, Copenhagen University Hospital, DK 2000 Frederiksberg, Denmark

## TRACK 8 – FROM EVIDENCE TO POLICY

### Track 8: Session 36: Control of food supply

#### T8:S36.05

Tokelau: Nutrient Profile Of Imported Food 2008 To 2012: Tracking Improvement  
Rush, E\*<sup>1</sup>; Pearce, L<sup>2</sup>; Drewnowski, A<sup>3</sup>; Tavite, S<sup>2</sup>; Bell, A<sup>4</sup>  
<sup>1</sup>Auckland University of Technology, New Zealand; <sup>2</sup>Department of Health, Tokelau; <sup>3</sup>University of Washington, USA; <sup>4</sup>World Health Organisation, Fiji

#### T8:S36.06

When Do Sugar-sweetened Beverage Taxes Reduce Consumption? -- A Dynamic Approach To Understanding Supply-side Determinants  
Xue, H\*<sup>1</sup>; Zhang, Q<sup>2</sup>; Chen, H<sup>1</sup>; Wu, Y<sup>1</sup>; Liu, S<sup>1</sup>; Wang, Y<sup>1</sup>  
<sup>1</sup>Johns Hopkins U., USA; <sup>2</sup>old dominion university, USA

#### T8:S36.07

A Healthier Food Future: Developing Effective Sustainable Food System Interventions  
Waterlander, W\*; Ni Mhurchu, C  
University of Auckland, New Zealand

#### T8:S36.08

Predicted Impact Of Health-related Food Taxes And Subsidies On Mortality From Non-communicable Disease In New Zealand  
Ni Mhurchu, C\*<sup>1</sup>; Eyles, H<sup>1</sup>; Genc, M<sup>2</sup>; Scarborough, P<sup>3</sup>; Rayner, M<sup>3</sup>; Blakely, T<sup>2</sup>  
<sup>1</sup>University of Auckland, New Zealand; <sup>2</sup>University of Otago, New Zealand; <sup>3</sup>University of Oxford, United Kingdom

#### T8:S36.09

Food Systems' Healthiness, Agro-biodiversity, Sovereignty And Equity: Impacts From Big Food Domination  
Gomes, F\*  
National Cancer Institute of Brazil, Brazil

#### T8:S36.10

Special Action Group On Obesity An Intersectoral Approach For Ireland  
Devlin, J\*;  
Department of Health, Ireland

### Track 8: Session 37: Changing health services – delivering health care

#### T8:S37.05

Obesity Trends Among Lebanese Women (1997-2010)  
Yaghi, Y\*<sup>1</sup>; Yaghi, K<sup>2</sup>; Loutfi, M<sup>3</sup>; Abdallah, A<sup>4</sup>  
<sup>1</sup>Beirut Arab University, Lebanon; <sup>2</sup>Mentor Arabia, Lebanon; <sup>3</sup>Abou Merhi Charity Institution, Lebanon; <sup>4</sup>Hammoud Hospital-UMC, Lebanon

#### T8:S37.06

Derivation And Validation Of Simple Anthropometric Equations For Predicting Fat Mass Using MRI As Reference Method  
Algindan, Y\*<sup>1</sup>; Hankey, C<sup>1</sup>; Govan, L<sup>1</sup>; Gallagher, D<sup>2</sup>; Heymsfield, S<sup>3</sup>; Lean, M<sup>1</sup>  
<sup>1</sup>University of Glasgow, United Kingdom; <sup>2</sup>University of Columbia, USA; <sup>3</sup>4Pennington Biomedical Research Center, USA

#### T8:S37.07

Multicenter Study Of Social Support And Patient Dyads In A Physician-Supervised Weight Loss Program  
Guzman, M\*<sup>1</sup>; Nguyen, J<sup>2</sup>; Schram, E<sup>2</sup>; Holub, C<sup>3</sup>; Imperial, E<sup>4</sup>; Zbella, E<sup>4</sup>; Shah Alvarez, S<sup>4</sup>  
<sup>1</sup>Nova Southeastern University, USA; <sup>2</sup>University of South Florida, USA; <sup>3</sup>San Diego State University, USA; <sup>4</sup>Medi-Weightloss, USA

#### T8:S37.08

Evaluation Of Knowledge, Attitudes, And Skills Of Health And Non-health Professionals In Paediatric Weight Management In Scotland  
Hammed, S\*;  
Hammed, S  
Glasgow University, United Kingdom

#### T8:S37.09

Utility Of Waist To Height Ratio As An Obesity Index In Short Stature Women  
Choi, M\*;  
Myung, J; Han, Y; Min, K; Kwon, J; Roh, Y  
Hallym University Medical Center, Korea, Republic of

#### T8:S37.10

Understanding The Experience Of Waiting To Have Weight Loss Surgery: Impact And

Implications  
Glenn, N\*  
University of Alberta, Canada

#### T8:S37.11

Impact Of A National Knowledge Translation And Exchange Platform For Community-based Obesity Prevention  
Waters, E\*<sup>1</sup>; Pettman, T<sup>1</sup>; Armstrong, R<sup>1</sup>; Allender, S<sup>2</sup>; Smith, E<sup>3</sup>; Love, P<sup>3</sup>; Romanus, A<sup>3</sup>; Gill, T<sup>4</sup>; Coveney, J<sup>5</sup>; Swinburn, B<sup>6</sup>  
<sup>1</sup>School of Population and Global Health, University of Melbourne, Australia; <sup>2</sup>WHO-Collaborating Centre for Obesity Prevention, Deakin University, Australia; <sup>3</sup>CO-OPS Collaboration, Population Health SRC, Deakin University, Australia; <sup>4</sup>Boden Institute of Obesity, Nutrition, Exercise and Eating Disorders, University of Sydney, Australia; <sup>5</sup>School of Medicine, Flinders University, Australia; <sup>6</sup>Nutrition and Global Health, University of Auckland, Australia

#### T8:S37.12

Improved Efficiency Of Group Compared To Individual Care In Obesity Management  
Franklin, J\*<sup>1</sup>; Manson, E<sup>2</sup>; Loughnan, G<sup>2</sup>; Picone, T<sup>2</sup>; Markovic, T<sup>2</sup>  
<sup>1</sup>Australia, Australia; <sup>2</sup>Metabolism and Obesity Services, Australia

#### T8:S37.13

Community-based Weight Loss Intervention: A Pilot Programme In Singaporean Malay Housewives  
Ng, L\*;  
Tai, E; Tham, K  
Singapore General Hospital, Singapore

#### T8:S37.14

Maternal And Fetal Outcomes Among Overweight And Obese Pregnant Women.  
Abdullah, B\*<sup>1</sup>; Daud, S<sup>1</sup>; Lim, A<sup>2</sup>; Pillai, T<sup>1</sup>  
<sup>1</sup>Faculty of Medicine, UiTM, Malaysia; <sup>2</sup>Hospital Sungai Buloh, Malaysia

#### T8:S37.15

Effect Of Integrated Obstetric And Nutritional Prenatal Care On Gestational Weight Gain (GWG) In Obese Gravidas  
Goldshore, M\*<sup>1</sup>; Werner, E<sup>2</sup>; Henderson, J<sup>3</sup>

<sup>1</sup>Johns Hopkins Bloomberg School of Public Health, USA; <sup>2</sup>Women and Infants Hospital, Alpert Medical School at Brown University, USA; <sup>3</sup>Johns Hopkins University, USA

#### T8:S37.16

Pregnancy Weight Gain And Healthcare Provider's Advice Across The Perinatal Period: A Missed Opportunity For Reducing Risk Of Maternal Overweight And Obesity.  
van der Pligt, P\*<sup>1</sup>; Campbell, K<sup>2</sup>; Ball, K<sup>3</sup>; Teychenne, M<sup>3</sup>; Hesketh, K<sup>3</sup>; Crawford, D<sup>3</sup>  
<sup>1</sup>Deakin University, Australia; <sup>2</sup>Deakin University, Centre for Physical Activity & Nutrition Research, Australia; <sup>3</sup>Deakin University, Centre for Physical Activity & Nutrition Research, Australia

# SCIENTIFIC PROGRAMME / THURSDAY 20TH MARCH

## THURSDAY 20TH MARCH / SCIENTIFIC PROGRAMME OVERVIEW

07:45 - 09:00	<b>Symposium Session: Sponsored by World Obesity</b> Policy and Prevention (formerly IOTF) Update Room: Conference Hall 1	09:00 - 10:00	Plenary – Public Health Award Room: Conference Hall 2
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10:00 - 10:30	Refreshment Break Room: Grand Ballroom
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10:30 - 12:30	<b>Track 2: Session 7:</b> Genes and biomarkers Room: Conference Hall 3	<b>Track 3: Session 15:</b> Transition to diabetes and CVD Room: Conference Hall 2	<b>Track 4: Session 21:</b> Psychology - eating disorders, depression, stress Room: Conference Hall 1	<b>Track 7: Session 31:</b> Getting policy changed Room: Plenary Theatre	<b>Track 8: Session 37:</b> Changing health services – delivering healthcare Room: Meeting Room 304 + 305
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12:30 - 14:30	Lunch and Poster Session Room: Grand Ballroom
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14:30 - 16:15	<b>Track 1: Session 6:</b> Muscle and Inter-organ crosstalk Room: Plenary Theatre	<b>Track 4: Session 23:</b> Sleep and chronobiology Room: Meeting Room 304 + 305	<b>Track 6: Session 29:</b> Physical activity and exercise type Room: Conference Hall 2	<b>Track 7: Session 33:</b> Personalised vs population nutrition Room: Conference Hall 3	<b>Track 8: Session 37:</b> Strategies and changing policy Room: Meeting Room 304 + 305
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16:15 - 16:45	Refreshment Break Room: Grand Ballroom
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16:45 - 17:30	Breaking Plenary and Closing Session Development Of A Small-molecule AdipoR Agonist For Type 2 Diabetes And Short Life In Obesity T. Yamauchi Room: Conference Hall 2
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### 07:45 - 09:00

Symposium Session: Sponsored by World Obesity

Room: Conference Hall 1

Policy and Prevention (formerly IOTF) Update

### 09:00 - 10:00

Plenary – Public Health Award

Room: Conference Hall 2

Chair(s): W. Coutinho (BRA)

09:00 PL:08	<b>Physical Inactivity: A Major Public Health Problem</b> S. Blair Arnold School of Public Health
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### 10:00 - 10:30

10:00 - 10:30	Refreshment Break Grand Ballroom
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### 10:30 - 12:30

T2:S7: Genes and biomarkers

Room: Conference Hall 3

Chair(s): K. Clement (FRA)

10:30 T2:S7.01	<b>Contributions Of GWAS To Understanding Obesity</b> R. Loos Icahn School of Medicine at Mount Sinai, USA
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11:00 T2:S7.02	<b>The Genetics Of Obesity And Its Associated Metabolic Phenotypes -- FTO And Beyond</b> H. Yaghoobkar University of Exeter Medical School, United Kingdom
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11:30 T2:S7.03	<b>MiRNA And Energy Homeostasis</b> F. Milagro <sup>1</sup> ; J.A. Martinez <sup>2</sup> <sup>1</sup> Spain; <sup>2</sup> CIBER Fisiopatología, Obesidad y Nutrición (CIBERObn), Instituto de Salud Carlos III, Madrid, Spain, Spain
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12:00 T2:S7.04	<b>Molecular Biomarkers In Obesity</b> A. Jenkins NHMRC Clinical Trials Centre, Australia
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T3:S15: Transition to diabetes and CVD

Room: Conference Hall 2

Chair(s): A. Peeters (AUS)

10:30 T3:S15.01	<b>Epidemiology Of Diabetes And CVD In Obesity</b> S. Colagiuri Boden Institute, Australia
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11:00 T3:S15.02	<b>Obesity, Sleep Insufficiency And Cardiometabolic Risk</b> R. Grunstein Woolcock Institute of Medical Research, University of Sydney and Royal Prince Alfred Hospital, Australia
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11:30 T3:S15.03	<b>Risk Of Diabetes In Relation To Fat Distribution: The Asian Region Experience</b> K. Lam The University of Hong Kong, China
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12:00 T3:S15.04	<b>What Is The Rationale For Metabolically Healthy Obesity?</b> M. Jensen Mayo Clinic
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T4:S21: Psychology - eating disorders, depression, stress

Room: Conference Hall 1

Chair(s): J. Wardle (UK)

10:30 T4:S21.01	<b>Is Obesity An Eating Disorder?</b> A. Hill Leeds University School of Medicine, United Kingdom
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11:00 T4:S21.02	<b>Obesity And Depressive Disorders: Why Such High Comorbidity?</b> B. Penninx VU University Medical Center, Netherlands
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11:30 T4:S21.03	<b>Metabolic And Hedonic Drives In The Neural Control Of Appetite: Who Is The Boss?</b> HR. Berthoud Pennington Biomedical Research Center, Louisiana State University System, USA
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12:00 T4:S21.04	<b>Macronutrients, Weight Loss And Mood In Obesity Management</b> J. Alfredo Martinez; A. Perez-Cornago; M.A. Zulet University of Navarra, Spain
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## THURSDAY 20TH MARCH / SCIENTIFIC PROGRAMME

T7:S31: Getting policy changed

Room: Plenary Theatre

Chair(s): J. Martin (AUS)

10:30 T7:S31.01	<b>Food Taxes: What Works And What Does Not?</b> <i>R.M. Claro</i> Federal University of Minas Gerais, Brazil
11:00 T7:S31.02	<b>Food Labelling and Health Claims</b> <i>A. Palou</i> UIB, Spain
11:30 T7:S31.03	<b>What Possible Policy Changes Will Be Acceptable?</b> TBC
12:00 T7:S31.04	<b>Working With Politicians And Food Companies: Anathema Or Reality?</b> <i>B. Swinburn</i> University of Auckland and Deakin University, Australia

T8:S37: Changing health services – delivering healthcare

Room: Meeting Room 304 + 305

Chair(s): S. Jaafar (ML)

10:30 T8:S37.01	<b>The Malaysian Health System In Transition</b> <i>K. Noh</i> Ministry of Health Malaysia, Malaysia
11:00 T8:S37.02	<b>International Experiences In Healthcare Systems</b> <i>A. Rissanen</i> University of Helsinki, Finland
11:30 T8:S37.03	<b>Mexico's Fight Against Obesity: Evidence, Actions, Results, And Challenges</b> <i>J. Rivera</i> National Institute of Public Health, Mexico, Mexico
12:00 T8:S37.04	<b>International Experiences In Healthcare Systems: England</b> <i>N. Finer</i> UCLH, United Kingdom

### 12:30 - 14:30

12:30 - 14:30  
Lunch and Poster Session  
Room: Grand Ballroom

### 14:30 - 16:15

T1:S6: Muscle and Inter-organ crosstalk

Room: Plenary Theatre

Chair(s): J. Eckel (GER)

14:30 T1:S6.01	<b>Interplay Between Adipokines And Hepatokines In Obesity-related Metabolic Complications</b> <i>A. Xu</i> The University of Hong Kong, China
15:00 T1:S6.02	<b>Skeletal Muscle Secretory Profile Is Modulated In Obesity And Type 2 Diabetes: In Vitro Studies In Human Primary Skeletal Muscle Cells</b> <i>B. Ukropcova<sup>1</sup>; T. Kurdiová<sup>1</sup>; D. Maderova<sup>1</sup>; M. Balaz<sup>1</sup>; M. Vician<sup>2</sup>; I. Klimes<sup>2</sup>; D. Gasperikova<sup>1</sup>; J. Ukropec<sup>1</sup></i> <sup>1</sup> Institute of Experimental Endocrinology Slovak Academy of Sciences, Slovakia; <sup>2</sup> Slovak Medical University Bratislava, Slovakia
15:15 T1:S6.03	<b>GPR119 Regulates Pathways Of Skeletal And Cardiac Muscle Metabolism</b> <i>L.M. Cornall<sup>1</sup>; M.L. Mathai<sup>1</sup>; D.H. Hryciw<sup>2</sup>; A.J. McAinch<sup>1</sup></i> <sup>1</sup> College of Health and Biomedicine, Victoria University, Australia; <sup>2</sup> Department of Physiology, The University of Melbourne, Australia
15:30 T1:S6.04	<b>GPCRs For Fatty Acids Regulate Skeletal And Cardiac Muscle Metabolism: Therapeutic Potential For Obesity Treatment</b> <i>L.S. Kyang<sup>1</sup>; R.L. Stewart<sup>2</sup>; T. Preda<sup>1</sup>; E. Borodachev<sup>1</sup>; M.M. Swarbrick<sup>2</sup>; R.V. Lord<sup>1</sup></i> <sup>1</sup> St Vincent's Centre for Applied Medical Research, Australia; <sup>2</sup> Garvan Institute of Medical Research, Australia
15:45 T1:S6.05	<b>Blocking Cannabinoid Receptor 2 Increases Skeletal Muscle Citrate Synthase Activity</b> <i>L. O'Keefe; A.C. Simcocks; K. Jenkin; D.H. Hryciw; M.L. Mathai; A. McAinch</i> Victoria University, Australia
16:00 T1:S6.06	<b>Paternal Obesity Impacts Skeletal Muscle Metabolism Of Male Offspring In A Muscle-type Specific Way</b> <i>C.A. Maloney; V. Lecomte; N.A. Youngson; M.J. Morris</i> University Of New South Wales, School of Medical Sciences, Australia

T4:S23: Sleep and chronobiology

Room: Meeting Room 304 + 305

Chair(s): A. Dulloo (SWI)

14:30 T4:S23.01	<b>Sleep And Chronobiology</b> <i>M. Westerterp-Plantenga</i> Maastricht University, Netherlands
15:00 T4:S23.02	<b>Associations Between BMI, Obesity And Indices Of Sleep: Longitudinal And Cross-sectional Analyses In An Australian Community-based Cohort</b> <i>A.D. Vincent<sup>1</sup>; G.A. Witter<sup>1</sup>; R.J. Adams<sup>1</sup>; A. Vakulin<sup>2</sup>; S. Martin<sup>1</sup>; J. Grant<sup>1</sup>; N. Antic<sup>3</sup>; D. McEvoy<sup>3</sup>; A. Taylor<sup>1</sup>; P. Catchside<sup>1</sup></i> <sup>1</sup> University of Adelaide, Australia; <sup>2</sup> Sydney University, Australia; <sup>3</sup> Flinders University, Australia
15:15 T4:S23.03	<b>Correlates Of 'morningness' And Breakfast Frequency In A National UK Sample</b> <i>J. Huber<sup>1</sup>; S. Reeves<sup>2</sup>; Y. McMeel<sup>2</sup>; L.G. Halsey<sup>2</sup></i> <sup>1</sup> University of Northampton, United Kingdom; <sup>2</sup> University of Roehampton, United Kingdom
15:30 T4:S23.04	<b>A History Of Sleep Restriction Promotes Future Weight Gain And Insulin Resistance</b> <i>E.M.O. de Oliveira<sup>1</sup>; B.V. Visniauskas<sup>2</sup>; S.S. Sandri<sup>1</sup>; S.M. Migliorini<sup>1</sup>; M.A. Andersen<sup>2</sup>; S.T. Tufik<sup>2</sup>; R.F. Fock<sup>1</sup>; J.C. Chagas<sup>2</sup>; A.C. Campa<sup>1</sup></i> <sup>1</sup> Universidade de São Paulo, Brazil; <sup>2</sup> Universidade Federal de São Paulo, Brazil
15:45 T4:S23.05	<b>Change In Sleep Duration And Visceral Fat Accumulation Over 6 Years In Adults</b> <i>J.P. Chaput<sup>1</sup>; C. Bouchard<sup>2</sup>; A. Tremblay<sup>3</sup></i> <sup>1</sup> CHEO Research Institute, Canada; <sup>2</sup> Pennington Biomedical Research Center, USA; <sup>3</sup> Laval University, Canada
16:00 T4:S23.06	<b>Circadian Variation Of Gastric Vagal Afferent Satiety Signals Are Abolished By Diet Induced Obesity</b> <i>S.J. Kentish; T.A. O'Donnell; D.J. Kennaway; G.A. Witter; A.J. Page</i> University of Adelaide, Australia

T6:S29: Exercise type and physical activity

Room: Conference Hall 2

Chair(s): A. Mahenderan

14:30 T6:S29.01	<b>Geographic And Social Determinants Of Physical Activity</b> <i>A. Bauman</i> Sydney University, Australia
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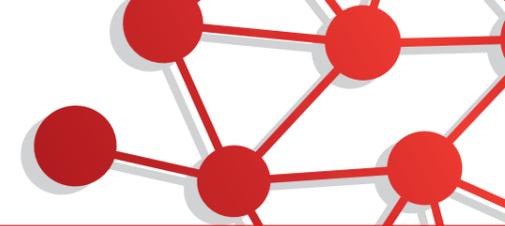
14:50 T6:S29.02	<b>Exercise And Physical Activity Type: Towards A Multi-dimensional Future</b> <i>D. Thompson</i> University of Bath, United Kingdom
15:10 T6:S29.03	<b>Maternal Obesity: Exercise During Pregnancy Reduces Risk For Metabolic Disease In Adult Rat Offspring</b> <i>M. Raipuria; H. Bahari; M.J. Morris</i> UNSW, Australia
15:30 T6:S29.04	<b>Objectively Measured Physical Activity And Sedentary Behavior Is Not Associated With Sex Or BMI In 2-year Old Children</b> <i>E. Johansson; C. Marcus; A. Ek; M. Forssén; V. Svensson; H. Nero; M. Hagströmer</i> Karolinska Institutet, Sweden
15:50 T6:S29.05	<b>Physical Activity Levels Among Children And Organized Sport Programs After-school, In Accordance With Their Body Mass Index</b> <i>J. Ribeiro; T. Oliveira; L. Fernandes; J. Mota; M. Santos; L. Aires; M. Costa; G. Silva</i> Research Centre in Physical Activity Health and Leisure, Faculty of Sport, University of Porto, Portugal

T7:S33: Strategies and changing policy

Room: Conference Hall 3

Chair(s): T. Gill (Aus)

14:30 T7:S33.01	<b>Personalised Vs Population Nutrition</b> <i>M. Lahti-Koski</i> Finnish Heart Association, Finland
15:00 T7:S33.02	<b>Understanding Community-based Obesity Prevention Initiatives For Population Prevention</b> <i>T.L. Pettman<sup>1</sup>; E. Waters<sup>1</sup>; K. Bolton<sup>2</sup>; P. Love<sup>3</sup>; R. Armstrong<sup>1</sup>; S. Allender<sup>2</sup>; E. Smith<sup>3</sup>; J. Whelan<sup>3</sup>; J. Coveney<sup>4</sup>; T. Gill<sup>5</sup>; B.A. Swinburn<sup>6</sup></i> <sup>1</sup> School of Population and Global Health, University of Melbourne, Australia; <sup>2</sup> WHO-Collaborating Centre for Obesity Prevention, Deakin University, Australia; <sup>3</sup> CO-OPS Collaboration, Population Health SRC, Deakin University, Australia; <sup>4</sup> School of Medicine, Flinders University, Australia; <sup>5</sup> Boden Institute of Obesity, Nutrition, Exercise and Eating Disorders, University of Sydney, Australia; <sup>6</sup> Nutrition and Global Health, University of Auckland, New Zealand



THURSDAY 20TH MARCH / SCIENTIFIC PROGRAMME

15:15 T7:S33.03	<p><b>How Can Evidence Based Obesity Prevention Interventions Be Translated For Scale-up And Implementation Across Populations?</b>  <i>C. Lombard; C. Harrison; S. Kozica; N. Ng; H. Teede</i>                  Monash University, Australia</p>
15:30 T7:S33.04	<p><b>Finding The Keys To Successful Public Health Campaigns Promoting Healthy Weight And Lifestyle To Adults: Quantitative Audience Testing Research</b>  <i>H. Dixon<sup>1</sup>; T. Cotter<sup>2</sup>; M. Scully<sup>1</sup>; S. Durkin<sup>1</sup>; E. Brennan<sup>3</sup>; S. Maloney<sup>1</sup>; B. O'Hara<sup>1</sup>; C. Rissel<sup>1</sup>; M. Wakefield<sup>1</sup></i>  <sup>1</sup>Cancer Council Victoria, Australia; <sup>2</sup>Victorian Comprehensive Cancer Centre, Australia; <sup>3</sup>University of Pennsylvania, USA; <sup>4</sup>University of Sydney, Australia</p>
15:45 T7:S33.05	<p><b>Population-Based Evaluation Of The LiveLighter "Toxic Fat" Obesity Campaign</b>  <i>B. Morley<sup>1</sup>; P. Niven<sup>1</sup>; H. Dixon<sup>1</sup>; M. Wakefield<sup>1</sup>; M. Swanson<sup>2</sup>; M. Szybiak<sup>2</sup>; T. Shilton<sup>2</sup>; S. Pratt<sup>3</sup>; T. Slevin<sup>3</sup></i>  <sup>1</sup>Cancer Council Victoria, Australia; <sup>2</sup>Heart Foundation Western Australia, Australia; <sup>3</sup>Cancer Council Western Australia, Australia</p>
16:00 T7:S33.06	<p><b>Education Modifies The Obesogenic Effect Of Wealth In Women: An Interaction Study Using Seven National Data Sets From Low- And Middle-income Countries, 2005-2010</b>  <i>A. Aitsi-Selmi</i>                  University College London, United Kingdom</p>

16:15 - 16:45

16:15 - 16:45	<p><b>Refreshment Break</b>                  Grand Ballroom</p>
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16:45 - 17:30

Breaking Plenary and Closing Session

Room: Conference Hall 2

Chair(s): Paul Trayhurn (UK)

16:45 PL:09	<p><b>Development Of A Small-molecule AdipoR Agonist For Type 2 Diabetes And Short Life In Obesity</b>  <i>T. Yamauchi</i>                  University of Tokyo, Japan</p>
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## WORLD OBESITY POLICY & PREVENTION: WHAT DO WE DO?

Policy & Prevention is the research-based think tank of World Obesity, led by a number of International obesity experts. It aims to catalyse evidence and inform policy actions for effective prevention of obesity at national, regional and global levels. It achieves this in a number of ways:

### Influencing policies

- Official relations status with the UN/WHO
- Member of the EU Diet & Physical Activity Platform
- Provides responses to WHO and government consultations
- Issues comments, disseminates policy statements and promotes prevention at key events and meetings

### Policy resources

- Advocacy toolkit
- Policy news and analyses
- Briefing papers, reports and reviews
- Regular E-news and Tweets

### Data portal

- Prevalence maps with interactive data display
- Trends and forecasts
- Charts and figures for downloading
- Data tables and statistical summaries

### Collaborative projects and research

- Project leadership and work-package leadership for projects on:
  - obesity prevention in nurseries and playgroups
  - obesity prevention in schools and families
  - obesity prevention in communities and workplaces
  - support for healthy lifestyles through sensors and phone apps
  - protection of children from inappropriate marketing of foods and beverages
  - guidance on bariatric surgery in adolescents
  - guidance on weight management in pregnancy
  - supporting and monitoring healthy food environments

## CURRENT WORLD OBESITY RESEARCH PROJECTS SUPPORTED BY THE EUROPEAN COMMISSION'S SEVENTH FRAMEWORK PROGRAMME INCLUDE:

### DAPHNE – supporting healthy lifestyles through technology

The DAPHNE project will develop state-of-the-art data analysis platforms for collecting, analysing and delivering useful information on physical fitness and behaviour. World Obesity is working alongside the Spanish health technology company Treelogic as well as major IT companies IBM, Atos, Nevet, Evalan and SilverCloud and researchers at the University of Leeds, the University of Madrid and the Children's Hospital in Rome, Italy. Visit <http://www.daphne-fp7.eu/>

### TOYBOX – diet and physical activity interventions in preschool aged children

Toybox aims to identify key behaviours related to obesity, diet and physical activity in early childhood. A multidisciplinary team will engage relevant stakeholders in the design and implementation of a school-based, family-involved intervention programme to influence children's behaviours and prevent obesity in the pre-school years. Process, impact, outcome and cost-effectiveness evaluations of the intervention will be conducted to support decision making for European Public Health Policy. Visit [www.toybox-study.eu/](http://www.toybox-study.eu/)

### SPOTLIGHT – effective health promotion approaches for preventing obesity

SPOTLIGHT aims to review the research in the area of obesity prevention with a focus on an obesogenic determinants, integrated prevention approaches, and factors to enhance the adoption of such measures. The core objective is to provide an evidence-based model for effective integrated intervention approaches in health promotion practice applicable across European regions. The work is being done by a multidisciplinary consortium involving 13 organisations in eight European countries - Belgium, Denmark, France, Hungary, the Netherlands, Norway, Portugal and the United Kingdom. Visit [www.spotlightproject.eu/](http://www.spotlightproject.eu/)

### STANMARK – food marketing to children

World Obesity continues to be a driving force for improved standards on food marketing to children, as well as for a standardised nutrient profiling which can be used to make the distinction between health and unhealthy food. We are working with the World Health Organization to press for high standards for protecting children from inducements to consume junk food. More information, including presentations and press releases on this issue can be found on our website [www.worldobesity.org](http://www.worldobesity.org).

### OTHER KEY WORLD OBESITY PROJECTS INCLUDE:

### INFORMAS – monitoring food environments

INFORMAS is the International Network for Food and Obesity / Non-communicable Diseases Research, Monitoring and Action Support and it brings together a number of public-interest organisations and researchers concerned with the assessment of obesogenic environments. INFORMAS seeks to collect and collate country-level data on public and private sector actions, and the impact of those actions on improving food environments, improving population diets and reducing obesity and NCDs. Progress against good practice benchmarks will be compared between countries and within countries. Visit [www.informas.org](http://www.informas.org)

### The benefits of moderate weight loss

World Obesity is currently undertaking a project to assess the effects of low and modest weight loss on long-term health outcomes, particularly risk factors for cardiovascular disease and diabetes. This project is supported by an unrestricted grant from Novo Nordisk.

### Guidance for weight management during pregnancy

World Obesity is carrying out a review the evidence and policies, guidelines and guidance that currently exist on weight management during pregnancy and gestational weight gain in different countries worldwide. The aim of this project will be to produce guidance and recommendations for countries seeking to develop clinical practice policies for this high risk group.





# Malaysian Association for the Study of Obesity



## Professional Activities

- Biennial Scientific Conference
- Scientific Updates and Public Lectures
- MASO Weight Management Camp
- Publication of Obesity Guidelines
  - Strategy for the Prevention of Obesity - Malaysia (2005)
  - Clinical Practice Guidelines on Management of Obesity (2004)
- Collaborations with ministries, professional bodies and industries
  - Various Technical Working Groups, Ministry of Health
  - Nutrition Month Malaysia
- Organised the 2<sup>nd</sup> Asia-Oceania Congress on Obesity (2003)
- Host of the 12<sup>th</sup> International Congress on Obesity (ICO 2014)



Affiliated with IASO (1997), AOASO (1998), COSTAM (2000), MCOM since (2008)



# Obesity: A Physiological Perspective

10-12 September 2014

Newcastle United Football Club  
Newcastle-Upon-Tyne, UK

Sessions will include:

- Maternal obesity (Lucilla Poston, King's College London)
- Metabolic & cardiovascular consequences (Naveed Sattar, Univ. of Glasgow)
- Manipulating the physiology of appetite (Carel le Roux, University College Dublin)
- Obesity - what can I do about it (Jeremy Tomlinson, Univ. of Birmingham)
- Obesity - the impact on wider society (Janice Thompson, Univ. of Birmingham)
- Obesity - more than just appetite (Gareth Leng, Univ. of Edinburgh & Soraya Shirazi-Beechey, Univ. of Liverpool)

Register now at [www.physoc.org/topicobesity](http://www.physoc.org/topicobesity)

Reduced rates available until 11 August 2014!

Abstract submission: 13 June - 11 July 2014 | Poster communications welcome



[WWW.H4HINITIATIVE.COM](http://WWW.H4HINITIATIVE.COM)

## INVITATION

The H4H Initiative and Danone Nutricia Research invite you to their symposium:  
**Assessing the impact of hydration on public health issues of obesity**

on Tuesday, March 18<sup>th</sup> from 17:30 hrs to 19:00 hrs in Conference Hall 3

Chairman: Max Lafontan, Ph.D., INSERM Emeritus Research Director, France

■ Long-term weight effects of sugar-free or sugar-sweetened beverages in children and water interventions for the community

Jacob C. Seidell, Professor of Nutrition and Health, VU University and VU University Medical School, Amsterdam, The Netherlands

■ Fluid intake patterns in Asian countries

Saptawati Bardosono, Ph.D., Faculty of Medicine, University of Indonesia, Jakarta, Indonesia

■ Obesity prevention policies in Mexico

Simon Barquera, M.D., National Institute of Public Health, Cuernavaca, Mexico



We are pleased to welcome you on our H4HI booth for more information.



# LEARN FROM THE EXPERTS

SCOPE School London  
27th – 28th October 2014  
Charles Darwin house, London, UK

The theme of the 2014 SCOPE School is to be 'Integrating Primary and Private Care into Obesity Management'.

This course covers a wide range of topics, which aim to enable attendees to manage all aspects of managing a patient suffering with obesity and associated co-morbidities. The programme brings together experts from across the world to address the assessment, treatment and prevention of obesity. With sessions including such topics as the role of primary care providers to commercial providers, how to provide optimum care for those with obesity and looking out for bariatric surgery candidates and more. This intensive two day course covers the many features and varieties of obesity management that professionals are encountering today and will provide a greater knowledge of effective patient management and the vital role of professionals in tackling obesity.

**Registration Fee:**  
Members £275, Non-members £325

Your registration includes lunches and coffee break, a group networking dinner and attendance certificate.

SCOPE Accreditation – 4 points

[scopeschool@worldobesity.org](mailto:scopeschool@worldobesity.org)