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.

Ismail Noor
President ICO 2014 and President of MASO

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 region of the Asian region. The World Obesity Federation (previously IASO) has been running a series of clinical SCOCPE schools (Specialist Certification in Obesity Professional Education) in this region as well as having its staff and Executive attending meetings of this region. The political climate is stable 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 Island.

Given, however, the billions living in this region with new evidence of the extraordinary burden of disease associated with weight 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 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 focused 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 dominated by a small number of committed scientists and doctors. IASO has moved from being a small organisation to a multi-disciplinary global body which reflects the dramatic changes in our approach to obesity.

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 dominated by a small number of committed scientists and doctors. IASO has moved from being a small organisation to a multi-disciplinary global body which reflects the dramatic changes in our approach to obesity.
**Monday 17th March**

<table>
<thead>
<tr>
<th>AM</th>
<th>Start Time</th>
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<tbody>
<tr>
<td>Registration</td>
<td>07:30</td>
<td>18:00</td>
<td>Level 3 CC Registration Counter</td>
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<tr>
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<td>09:30</td>
<td>10:30</td>
<td>Plenary Hall 2</td>
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<tr>
<td>Track 1: Adipose tissue, inflammation, fibrosis and modelling</td>
<td>10:30</td>
<td>12:30</td>
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<tr>
<td>Track 2: Epigenetics</td>
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<td>Track 4: Environments and biological impact</td>
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<td>Track 6: The exposome</td>
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<td>Track 7: Should we target specific ages?</td>
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<tr>
<td>PM Lunch Break and poster session</td>
<td>12:30</td>
<td>14:30</td>
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<tr>
<td>Track 1: Peripheral signals in appetite</td>
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<td>Track 2: Perspectives on energy balance</td>
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<td>Track 4: Fetal programming</td>
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<td>Track 6: The healthy environment</td>
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<td>Opening Ceremony</td>
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<td>Networking Reception &amp; Cultural Showcase</td>
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**Tuesday 18th March**

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<td>Emerging issues for the Asia-Oceania Region sponsored by AOASO and World Obesity Federation</td>
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<tr>
<td>Track 1: Neuroscience appetite control and nutrient sensing</td>
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<td>Track 2: Gut microbiome what role in obesity?</td>
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<td>Track 3: Children and obesity: when does metabolic risk translate?</td>
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<td>Track 5: Lifestyle changing and maintaining</td>
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<td>Track 8: Health economics how should we be measuring?</td>
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<td>New Investigator Award</td>
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<td>Track 1: Adipose tissue development</td>
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<td>Track 2: Nutrigenetics and nutrigenomics</td>
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<td>Track 3: NAFLD</td>
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<td>Track 7: Are workplace interventions useful?</td>
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<td>Refreshment Break</td>
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<tr>
<td>Plenary - Obesity Prevention Policies In Low And Middle Income Countries</td>
<td>16:45</td>
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<td>Debate Session - Hard or Soft Policies?</td>
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<td>Evidence-based weight loss and maintenance with formula diet sponsored by Cambridge Weight Plan</td>
<td>17:30</td>
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<td>Assessing the impact of hydration on public health issues of obesity sponsored by Danone Research</td>
<td>17:30</td>
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<td>Integrated strategies for weight management sponsored by International Medical Press</td>
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<td>Weight management and the role of carbohydrates sponsored by BENEO-Institute</td>
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<td>Community-Based Intervention Symposium sponsored by EPODE and World Obesity Policy &amp; Presentation (formerly IOTF)</td>
<td>17:30</td>
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### Wednesday 19th March

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<tr>
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<tr>
<td>How to Get Published sponsored by Nature Publishing Group</td>
<td>07:45 - 09:00</td>
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<td>Plenary Andre Meyer Award</td>
<td>09:00 - 10:00</td>
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<td>Refreshment Break</td>
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<tr>
<td>Track 1: Brown fat cellular origins and function in humans</td>
<td>10:30 - 12:30</td>
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<tr>
<td>Track 3: Cancer from epidemiology through mechanisms to outcome</td>
<td>10:30 - 12:30</td>
<td>Room 304 + 305</td>
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<tr>
<td>Track 5: Bariatric surgery why, when, which?</td>
<td>10:30 - 12:30</td>
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<td>Track 6: Food and the food environment</td>
<td>10:30 - 12:30</td>
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<tr>
<td>Track 8: Control of food supply</td>
<td>10:30 - 12:30</td>
<td>Plenary Theatre</td>
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**PM**

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<tr>
<th>Event</th>
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<tr>
<td>Lunch Break and poster session</td>
<td>12:30 - 14:30</td>
<td>Grand Ballroom</td>
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<tr>
<td>Track 2: Novel obesity genes</td>
<td>14:30 - 14:15</td>
<td>Conference Hall 1</td>
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<tr>
<td>Track 3: Macronutrients and insulin resistance</td>
<td>14:30 - 14:15</td>
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<tr>
<td>Track 5: Pharmacotherapy the options</td>
<td>14:30 - 14:15</td>
<td>Room 304 + 305</td>
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<tr>
<td>Track 1: Brown fat and energetics</td>
<td>14:30 - 14:15</td>
<td>Plenary Theatre</td>
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<tr>
<td>Track 7: Paediatric obesity</td>
<td>14:30 - 14:15</td>
<td>Conference Hall 2</td>
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<tr>
<td>Refreshment Break</td>
<td>16:15 - 16:45</td>
<td>Grand Ballroom</td>
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<tr>
<td>Plenary - Developmental Origins Of Health And Disease (DOHaD): Mechanisms And Implication</td>
<td>16:45 - 17:30</td>
<td>Conference Hall 2</td>
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<tr>
<td>Gala Dinner</td>
<td>19:00 - 22:00</td>
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### Thursday 20th March

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<td>16:45</td>
<td>Level 3 CC Registration Counter</td>
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<thead>
<tr>
<th>Event</th>
<th>Time</th>
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<tbody>
<tr>
<td>Policy&amp;Prevention (formally IOFT) Update: Major Developments in Obesity Prevention</td>
<td>07:45 - 09:00</td>
<td>Conference Hall 2</td>
</tr>
<tr>
<td>Plenary Public Health Award</td>
<td>09:00 - 10:00</td>
<td>Conference Hall 2</td>
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<tr>
<td>Refreshment Break</td>
<td>10:00 - 10:30</td>
<td>Grand Ballroom</td>
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<tr>
<td>Track 2: Genes and biomarkers</td>
<td>10:30 - 12:30</td>
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<tr>
<td>Track 3: Transition to diabetes and CVD</td>
<td>10:30 - 12:30</td>
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<tr>
<td>Track 4: Psychology eating disorders, depression, stress</td>
<td>10:30 - 12:30</td>
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<tr>
<td>Track 7: Getting policy changed</td>
<td>10:30 - 12:30</td>
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<tr>
<td>Track 8: Changing health services delivering healthcare</td>
<td>10:30 - 12:30</td>
<td>Room 304 + 305</td>
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**PM**

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<thead>
<tr>
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<tr>
<td>Lunch Break and poster session</td>
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<tr>
<td>Track 1: Inter-organ crosstalk</td>
<td>14:30 - 16:15</td>
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<td>Track 4: Sleep and chronobiology</td>
<td>14:30 - 16:15</td>
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<td>Track 8: Strategies and changing policy</td>
<td>14:30 - 16:15</td>
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<td>Track 6: Exercise type &amp; physical activity</td>
<td>14:30 - 16:15</td>
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<td>Track 7: Personalised vs. population nutrition</td>
<td>14:30 - 16:15</td>
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<tr>
<td>Refreshment Break</td>
<td>16:15 - 16:45</td>
<td>Grand Ballroom</td>
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<tr>
<td>Breaking Plenary &amp; Closing Session</td>
<td>16:45 - 17:45</td>
<td>Conference Hall 2</td>
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## COMMITTEE MEETINGS

*INVITATION ONLY*

<table>
<thead>
<tr>
<th>Meeting</th>
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<tbody>
<tr>
<td>World Obesity Executive Committee</td>
<td>Sunday 16th March</td>
<td>14:30 – 17:00</td>
<td>Traders Hotel – Meeting Room 3</td>
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<tr>
<td>World Obesity Finance Committee</td>
<td>Monday 17th March</td>
<td>11:00 – 12:30</td>
<td>Room 309</td>
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<tr>
<td>Policy &amp; Prevention (formerly IDTP) Committee Meeting</td>
<td>Monday 17th March</td>
<td>12:45 – 14:15</td>
<td>Room 309</td>
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<tr>
<td>World Obesity Publications Committee</td>
<td>Monday 17th March</td>
<td>13:15 – 14:15</td>
<td>Room 310</td>
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<tr>
<td>Obesity Reviews Journal</td>
<td>Monday 17th March</td>
<td>14:15 – 15:15</td>
<td>Room 310</td>
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<tr>
<td>IJO Board Meeting</td>
<td>Tuesday 18th March</td>
<td>7:45 – 9:00</td>
<td>Room 309</td>
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<tr>
<td>AOASO Council Meeting</td>
<td>Tuesday 18th March</td>
<td>12:45 – 14:15</td>
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<tr>
<td>Pediatric Obesity Journal</td>
<td>Tuesday 18th March</td>
<td>14:30 – 15:30</td>
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<tr>
<td>Clinical Obesity Journal</td>
<td>Tuesday 18th March</td>
<td>13:15 – 14:15</td>
<td>Room 310</td>
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<td>World Obesity General Council</td>
<td>Wednesday 19th March</td>
<td>12:45 – 14:15</td>
<td>Room 306</td>
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<td>World Obesity Finance Committee Meeting</td>
<td>Wednesday 19th March</td>
<td>14:30 – 16:15</td>
<td>Room 310</td>
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<td>World Obesity Executive Committee</td>
<td>Wednesday 19th March</td>
<td>16:15 – 17:30</td>
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<tr>
<td>Clinical Care (formerly EMTP) Committee Meeting</td>
<td>Wednesday 19th March</td>
<td>15:15 – 16:15</td>
<td>Room 309</td>
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<tr>
<td>International Scientific Committee Meeting</td>
<td>Thursday 20th March</td>
<td>11:00 – 12:00</td>
<td>Room 310</td>
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<tr>
<td>SCOUT Group Meeting</td>
<td>Friday 18th</td>
<td>9am – 5pm</td>
<td>Traders Hotel</td>
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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/SaMgR8 to download the free mobile app.

Venue
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.

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<tr>
<td>World Obesity Member</td>
<td>23rd December 2013</td>
<td>£475</td>
<td>£600</td>
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<td>Malaysian Delegate</td>
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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.

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
- Yuki 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 Río 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

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.

016 ICO Kuala Lumpur 2014

Knowledge Solutions Action
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, 2014-2016 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)
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 Oceania 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.

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.

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.

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

**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**
- Professor Low-Tone Ho

**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 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
humans and the role of leptin in these processes, and
bioenergetics of body weight regulation in biochemistry and cellular physiology, the molecular
Pediatrics. His research has related to adipose tissue
Division of Molecular Genetics in the Department of
Columbia University Medical Center, and Head of the
Research, Professor of Pediatrics and Medicine at
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
Pedia...
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.

- Flexible energy intake and flexible combinations of formula and regular foods
- 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

For further information, please contact admin@cambridgeweightplan.co.uk or visit 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.
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.

Cambridge Weight Plan

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

BENEO

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

Sponsored Symposiums are sessions that are planned and conducted in conjunction with ICO 2014. They provide attendees with additional educational/informative 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*
*Cuvilinear 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, BENEO-Institute, Germany:
*Recent Advances on the Role of Low Glycemic Carbohydrates in Weight Management*
Prof. Jayakumar 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

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
**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.

**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.

**World Obesity - Policy & Prevention**

**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 – Shinko Kumanyika  
   • INFORMAS – Boyd Swinburn  
   • Bellagio Declaration – Boyd Swinburn  
   • Policy and advocacy action by World Obesity’s London office – Tim Lobstein  
## List of Exhibitors/Stand Numbers

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EXHIBITOR AND SPONSOR PROFILES

**STAND 005**

**BENEO Institute**

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

Contact: Sabrina Kunze
contact@beneo.com

The BENEO-Institute is an organisation which brings together BENEO’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. BENEO 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, BS32 4JT

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., S4, 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.

See what you are made of only with InBody!
EXHIBITOR AND SPONSOR PROFILES

BODYSAT are established as one of the global leaders in body composition analysis using Bioelectrical Impedance Analysis (BIA) technology. BODYSAT will present its BIA technology to determine a patient’s nutritional status and their unique Wellness & Prediction Markers™. Complex changes occur in body composition and fluid status during Obesity Weight Management programs and illness. Monitoring these biological changes can provide a clear insight for early diagnosis and treatment. As the need for non-invasive, non-intrusive diagnostic systems has increased and regular monitoring becomes even more important, clinicians are seeking quick, simple solutions to monitor these changes.

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.

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.

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.

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

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 for further information.

STAND 017

EchoMRI
Address: 78 Shenton Way #28-01 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.

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

STAND 001

InQpharm
Address: E-16 Plaza Mont Kiara, 2 Jalan Kiara, Kuala Lumpur, 50480, Malaysia
Contact: Amanda Tan Amanda@inqpharm.com

InQpharm Group, 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 (KLS 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 lower calorie consumption on a weekly using LighterLife FastpacksTM. It encourages

We currently offer the best selling weight management product and product range in Europe (KLS 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 021

Lionstar Technologies
Address: For Correspondence 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.
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-Pacific Conference on Obesity (APICO) 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 Obesitiy (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.

Merckodia 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.

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.

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

07:30 - 09:30

07:30 - 09:30
Registration
Room: Level 3 CC Registration Counter

09:30 - 09:50
Short welcome followed by Plenary - Willendorf Award
Chair(s): Paul Taggar (UO)
Room: Plenary Hall
Diet In The Role Of Prevention And Management Of Obesity: From Caloric Restriction To Optimized Diet Composition
A. Atupu
University of Copenhagen, Denmark

09:50 - 10:15
Plenary – Willendorf Award

10:30 - 12:30
T1:51: Adipose tissue - inflammation, fibrosis and modelling
Room: Conference Hall 2
Chair(s): Barbara Cannon (SWE)

10:30 - 11:00
Secretions From Adipocytes: Novel Adipokines
J. Eikell
German Diabetes Center, Germany

11:00 - 11:30
Adipose Tissue Inflammation: Macrophages And More
C. Lumeng
University of Michigan Medical School

11:30 - 12:00
Fibrosis In Adipose Tissue
K. Clement
UCAL, INSERM, APHP, UPMC, France

12:00 - 12:30
Inflammation In Obesity Represents A Protective Compensatory Response In The Regulation Of Energy Metabolism
J. Ye
Pennington Biomedical Research Center, USA

T2:58. Epigenetics
Room: Conference Hall 1
Chair(s): Jan Nedergraad (SWE)

10:30 - 11:00
Methodological Considerations In Epigenetics: High Throughput Approaches
Speaker TBC

11:00 - 11:30
Transcriptional Networks Regulating Of Adipocyte Differentiation And Metabolism
S. Mandrup
University of Southern Denmark, Denmark

11:30 - 12:00
Epigenetic Programming Of Metabolic Disease - What Have We Learned From Animal Studies?
S. Osmani
University of Cambridge, United Kingdom

12:00 - 12:30
Epigenetic Regulation In Skeletal Muscle; Impact Of Exercise, Diabetes And Obesity
A. Krook
Karolinska Institute, Sweden

T4:520: Maternal State and Fetal Programming
Room: Plenary Hall
Chair(s): K. Keong (ML)

10:30 - 11:00
Physical Activity - Individual Choice Or Environmental Consequence?
D.M. Figueiro
University of Helsinki, Finland

11:00 - 12:00
Relation Between Endococrine Disrupting Chemicals And Obesity Phenotypes
B. Ejphilfeldt
Institute of Preventive Medicine, Baeapelberg and Frederiksholl Hospital, Denmark

11:30 - 12:30
Stress And Obesity
A. Steptoe
University College London, United Kingdom

12:00 - 12:30
Viruses As A Causative Factor In Obesity
N. Chouvarda
Pennington Biomedical Research Center, USA

T5:276: The exosome
Room: Meeting Room 304 + 305
Chair(s): K. Backholer (AUS/ML)

10:30 - 11:00
Obesogenic Environments: Monitoring And Accountability Systems
B. Srinibum
University of Auckland and Deakin University, Australia

11:00 - 12:00
Social And Family Dimensions In Obesity - Parental Feeding Styles And TV Viewing
E. Campbell
Deakin University, Australia

11:30 - 12:00
Changing Physical Activity Environments – How Realistic And How Effective?
J. Salje
USC, USA

12:00 - 12:30
Making Sense Of Obesity In Ethnically Diverse Cultures: The Malaysian Experience
S. AB
National University of Malaysia

T7:30. Could we target specific age groups?
Room: Conference Hall 3
Chair(s): Tee E Siong (ML)

10:30 - 11:00
Preventing And Treating Obesity In Children
F. Blanck
Stanford University, USA

11:00 - 12:00
Adolescents - The Forgotten Group
K. Steinbeck
Department Of Adolescent Medicine, University Of Sydney, Australia

11:30 - 12:30
Is Intervening In Pregnancy Even Too Late?
E. Aagaard Nohr
University of Southern Denmark, Denmark

12:30 - 12:50
To Reduce Or Not To Reduce: That Is The Question For Older Folks
T. Harris
National Institutes Of Health, USA

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

14:30 - 16:15
T1:55: Peripheral signals in appetite
Room: Conference Hall 1
Chair(s): Nik Mazzan (ML)

14:30 - 15:00
Perspectives On Energy Balance And Body Composition Regulation: Adipostats And Proteins InEnergy Balance During Lactation
L. Li
University of Fribourg, Switzerland

15:00 - 16:15
Effect Of Brown Adipose Tissue Transplantation On Energy Balance During Lactation
L. Li; B. O’L.; J. R. Speakman
University of Genomics and Developmental Biology, China

14:30 - 15:00
Metabolic Surgery: Endocrine Mechanisms Of Diabetes Remission After "Bariatric" Operations
D. Cummings
University Of Washington, USA

15:00 - 16:00
Satiety Control By Peptides: Different Patterns Of Ghrelin, Insulin, CCK, GLP-1 And PYY But The Same Suppression Of Appetite
C. Gibney; G. Pfeiffer; P. Cauble; D.L. Wolfe; P. Hellstrom; E. Naklad; J.E. Brian
Institute Of Psychological Sciences, United Kingdom; University Of Leeds, United Kingdom; University Of Pennsylvania, Sweden; Karolinska Institute, Sweden

15:15 - 16:30
Maternal Plasmatic Leptin Difference Levels During Gestational Is Associated In Women With Normal Pre-pregnancy BMI
V.T. Petersen; A.B. Franco-Sane; G.E. Malm; A.A.F. Violas; G. Xie
University Of Jeanes Federal University, Brazil

15:30 - 16:30
Evolution Of Central Leptin Sensitivity In Diet-induced Obese Minipig
M. Pijap; A. Chinnaka; L. Quintana; T. Hubert; M. Romon; V. Pavol; F. Pattou
CHU Li, France; CHU Li, France

15:45 - 16:45
Hypothalamic Neurogenesis During The Development Of High-fat Diet Induced Obesity In The Mouse
Y.C. Xu; D.B. Yang; D.E.G. McNay; J.R. Speakman
Institute Of Genetics And Developmental Biology, Chinese Academy Of Sciences, China; Institute Of Biological And Environmental Sciences, University Of Aberde, United Kingdom

T2:512: Perspectives on energy balance
Room: Conference Hall 2
Chair(s): Ismail Noor (ML)
PROTEIN LEVERAGE EFFECTS OF BEEF, WHEY AND SOY PROTEIN ON ENERGY TISSUE METABOLISM IN HUMANS

E.A. Marteinsdottir, S.Y. Tan, M.V. Durk, R.D. Mattal, M.S. Wasserstein-Plamenga
Maastricht University, Netherlands; Purdue University, USA

IMPACT OF GLYCEMIC LOAD ON THE COMPOSITION OF WEIGHT REGAIN
A. Bosy-Westphal, J. Jaeger, M. Lagopoulos, J. Enders², B. Eggeling², W. Braun², M.J. Mueller²
Institute of Nutritional Medicine, University of Münster, Germany; Institute of Human Nutrition and Food Science, Christian-Albrechts University, Kiel, Germany

METABOLIC RESPONSES TO OVERFEEDING ARE NOT ASSOCIATED WITH RESPONSES TO REFEEDING
J. Jaeger, M. Lagopoulos, J. Enders², B. Eggeling², W. Braun², M.J. Mueller²
Institute of Nutritional Medicine, University of Münster, Germany; Institute of Human Nutrition and Food Science, Christian-Albrechts University, Kiel, Germany

INTERMITTENT ENERGY RESTRICTION IMPROVES WEIGHT LOSS EFFICIENCY IN OBSESE MEN
N. Byrne¹, A. Sanberg¹, R.E. Wool¹, N.A. King², A.P. Halford³, O. D. Saugstad⁴, O.D. Saugstad⁴
Queensland University of Technology, Australia; 1; School of Sport, Exercise and Health Sciences, University of Western Australia, Australia

PARENCHYMA INNERRATION OF HUMAN WHITE ADIPOSE TISSUE STUDIED BY DIGITAL DECONVOLUTION, FOR OPTICAL THREE-DIMENSIONAL RECONSTRUCTION OF FLUORESCENT IMAGES AND TRANSMISSION ELECTRON MICROSCOPY
C.M. Guarra Magariner, M.N. Veli, N.I. Hame, B.C. Brandi
Department of Medicine, Surgery and Neurosciences, University of Siena, Italy

PREECLAMPSIA PREVENTION BY NORMALIZING PREGNANCY WEIGHT AMONG OVERWEIGHT/TOBACCO WOMEN: FINDINGS FROM A NATIONAL PRE-BIRTH COHORT
X. Wen, K.L. Kong, C. Xu
State University of New York at Buffalo, USA; Sun Yatsen University, China

A NOVEL SIMPLE METHOD FOR DETECTING HUMAN BROWN ADIPOSE TISSUE USING NEAR-INFRARED TIME-RESOLVED SPECTROSCOPY
Graduate School of Sports and Health Science, Ritsumeikan University, Japan; Hokkaido University, Japan; Hokkaido Junior College, Japan; Tenri University, Japan; LSI Sapporo Clinic, Japan

INTRAUTERINE PROGRAMMING OF ADIPOSE TISSUE: CAN WE INFLUENCE THE FACTOR?
C. Stylios
KEM Hospital, India

MATERNAL BODY MASS INDEX AND THE RISK OF FETAL DEATH, STILLBIRTH AND INFANT MORTALITY – A SYSTEMATIC REVIEW AND META-ANALYSIS OF COHORT STUDIES
D. Aune, G.D. Saugstad, T. Hamanaka, S. Toreini
Imperial College London & Oslo University Hospital, United Kingdom; Department of Pediatric Research, Rikshospitalet, Oslo University Hospital, Oslo, Norway; Norway; Section for Obstetrics, Women and Children's Division, Rikshospitalet, Oslo University Hospital, Oslo, Norway; Norway; Department of Preventive Cardiology, Oslo University Hospital, Ullevål, Oslo, Norway; Norway

ASSOCIATIONS OF PREGNANCY EXPOSURE TO RAMADAN WITH SMALLER BODY SIZE AND GREATER CARDIOVASCULAR FITNESS IN MALE ADOLESCENTS IN THE UNITED ARAB EMIRATES
T. Loney, N.Z. Nogales, M.K. Berman², K.L. Carter, J. Albert²
Institute of Public Health, University of Western Australia, Australia; Institute of Public Health, College of Medicine and Health Sciences, University of Western Australia, Australia; Institute of Public Health, College of Medicine and Health Sciences, University of Western Australia, Australia; School of Sport, Exercise and Health Sciences, Loughborough University, Loughborough, United Kingdom; Department of Pediatrics, Zayed Military Hospital, Abu Dhabi, United Arab Emirates

AN AGENT-BASED MODEL SIMULATES INTERVENTIONS IN SMALL FOOD SOURCES TO IMPROVE THE URBAN FOOD ENVIRONMENT AND CURB CHILDHOOD OBESITY
Y. Miz, J. Goh, T. Ijaz, B. Lee, E. Anderson Steene, J. Gittelsohn
Johns Hopkins Bloomberg School of Public Health, USA

AN INTEGRATED APPROACH TO IMPROVE THE URBAN FOOD ENVIRONMENT AND CURB CHILDHOOD OBESITY
S. Nirengi¹, S. Muthuraj, H. Al-Award, S. Abeysekera, M. Lagerpusch, J. Enderle³, M. Safdie, A.P. Hills³, E. Anderson Steene⁴, J. Gittelsohn
1: LSI Sapporo Clinic, Japan; 2: Graduate School of Sport and Health Science, Tenshi College, Japan; 3: Institute of Human Nutrition and Metabolism, National Institute of Public Health - Egypt, Cairo, Egypt; 4: School of Kinesiology and Health Studies, Queen's University, Kingston, ON, Canada

OPENING CEREMONY

Opening Ceremony

16:30 - 17:30

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

Room: Grand Ballroom

TH8.38.01

The Healthy environment

Room: Plenary Hall

Chair(s): Rokiah Don (ML)

14:30

TH8.38.01

The Healthy environment

Wednesday University of Applied Sciences Zuidle / VU University Amsterdam, Netherlands

TH8.38.02

National Guidelines For Healthy Nutrition In Mexican Schools: An Independent Preliminary Evaluation

R. Barquera¹, M.L. Tolentino², M. Safdie³, L. Lévesque³
National Institute Of Public Health - Imp, Mexico; 1: School Of Kinesiology And Health Studies, Queen's University, Kingston, On., Canada

15:45

TH8.38.03

A Virtual Baltimore, MD Population And Food Environment Laboratory To Approach Childhood Obesity Control

B.Y. Lee, J. Igusa, A. Adam, Y. Ma², E. Anderson Steene³, M. Robinson², W. Wheaton³, J. Rineer³, J. Gittelsohn
Johns Hopkins School of Public Health, USA; 2: Johns Hopkins University, USA; 3: RTI International, USA

16:40

TH8.38.04

An Effective Community Based Program To Reduce Significantly Childhood Overweight Prevalence in Belgium

J. Vand, J. M. Boye, M. Rollef, J. Bayeaman, M. Rauueil du Plessis, N. Jacob, M. Dremoam, C. De Lave, J. N. Nsree, Hasselt University, Belgium; 2: EPPO International Coordination, Paris, France; 3: VASANO Coordination, Brussels, Belgium; 4: School of Public Health, Université libre de Bruxelles, Belgium; 6: Department of Metabolism and Nutrition, Hôpital Universitaire des Enfants Reine Fabiola, Brussels, Belgium; 7: Department of Therapeutic Chemistry, Université libre de Bruxelles, Belgium
POSTER PRESENTATIONS
**TRACK 1: FROM CELLS TO SYSTEMS BIOLOGY**

**T1.54.12**
Hirsutenone Suppresses Adipogenic Differentiation By Targeting PFKD And ERK.
Chung, L1; Su, C1; Chung, M2; Yang, H1; Soo, E1; Thimmegowda, N1; Sheath, B1; Kim, B1; Lee, K1.

**T1.55.11**
Do Ketones Really Suppress Appetite? A Systematic Review.
Gibson, A1; Seimon, R1; Sainsbury, A1; Caterman, I1.
Boden Institute of Obesity Nutrition Exercise & Eating Disorders, University of Sydney, Australia.

**T1.55.12**
Appetite And Gut Hormones In Obese Adolescents. Insulin Resistance and the T1; S4.12
Kuroda, M1; Sakaue, H1; Takeuchi, Y1; Ikitsuki, R1; Harada, N1; Nakaue, Y1.
Department of Nutrition and Metabolism, Institute of Health Biosciences, the University of Tsukuba, Graduate School of Japan.

**T1.56.06**
Insulin-Signaling Pathway Alteration In Adipocytes Treated With Glucose And Tumor Necrosis Alpha Is Not Mediated By Deo Gen Methylation Of Insulin Receptor Palacios Ortega, S1; Varela, M1; De Miguel, C1; Martinez, J1; Miliagro, P1.
University of Navarra, Spain.

**T2.58.05**
Role Of DNA Methylation For Leptin Gene Promoter In 373-L1 Adipocytes And In Obese Postmenopausal Women. La;i, L; Cattalini, K1; Meean, M1; Knab, A1; Shanely, R1; Chai, A1; Naern, N1.
Duke-NUS Graduate Medical School, Singapore; 2Chooi Westerven University, USA; 3Appalachian State University, USA.

**T2.59.05**
Relationship Between Dietary Patterns, Gut Microbiota And Inflammation In Overweight And Obese Subjects. Kong, L1; Holmes, B1; Cotillard, A1; Auger, S1; Cani, P1; Bastard, J2; Kennedy, S1; D'or, J1; Ehrlich, S1; Zuckermann, M1; Noell, N1; Rokluka, S1; Clement, K1.
APH Institute of Cardometabolism and Nutrition, CRNM de la Pitié-Salpêtrière; INSERM-U782, Nutrition, Paris, France; 2Inserm Unité, Paris, France; 3Department of Internal Medicine, Goettingen University Medical School, Germany.

**T2.59.09**
Metaproteome Analysis Of Rat Microbiota Reveals Mucosal- specific Distribution And Enzymatic Functionalities In A High-fat Diet-induced Adipose Tissue. GHOSH, S1; Cialdella-Kam, L2; Wang, D3; Speakman, J1.
2University of Copenhagen, Denmark; 3Nestle Research Institute/DIN, Purify, France; 4NUTRIM, Maastricht University Medical Centre, Netherlands.

**T2.59.10**
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, S1; Cialdella-Kam, L2; Meany, M1; Knab, A1; Shanely, R1; Chai, A1; Naern, N1.
Duke-NUS Graduate Medical School, Singapore; 2Chooi Westerven University, USA; 3Appalachian State University, USA.

**T2.59.11**
Meta-analysis Of The Effects Of a Structured, Aerated Reduced-energy Diet Context For Appetite Responses And Ad- libitum Energy Intake In Response To A Meal Among Binge Eaters. Rohani, C1; Wagner, N1; Raddatz, R6; Truby, H1; Batch, J1.
2University of Leipzig, Germany; 5Novo Nordisk A/S, Denmark; 6School of Population Health, University of Sydney, Australia.

**T2.59.12**
Appetite And Fat Mass As A remaining Question? A Systematic Review. Libitum Diet Estimation By Predictive Accuracy Using Doubly-labelled Water In Severely Obese Pregnant Women In Scotland. APHP, Institute of Recherche Agronomique, UMR 872, Paris, France; 2Danone Research, RD 128, 91767 Palaiseau, France; 3Arla Strategic Research and Treatment Center Blegdam and Frederiksberg Hospitals – The Capital Region, Denmark; 4Department of Preventive Medicine, Danone and Blegdam Hospital, Singapore; 5Department of Human Genetics, CEA- Genomics Institute/DIN, Purify, France; 6NUTRIM, Maastricht University Medical Centre, Netherlands.

**T2.60.05**
Effects Of A Structured, Aerated Reduced-energy Diet Context For Appetite Responses And Ad- Libitum Energy Intake In Response To A Meal Among Binge Eaters. Rohani, C1; Wagner, N1; Raddatz, R6; Truby, H1; Batch, J1.
2University of Leipzig, Germany; 5Novo Nordisk A/S, Denmark; 6School of Population Health, University of Sydney, Australia.

**T2.60.08**
Gene-diet Interaction Analyses Of Blood Lipid Profile Changes During 6 Months Ad Libitum Diet. Jensen, M1; Angquist, L1; Hager, J1; Charon, C1; Sørensen, T1; Sars, W1; Astrup, A1; Larsen, L1.
Department of Nutrition, Exercise and Sports, University of Copenhagen, Denmark; 2Institute of Preventive Medicine, University Medical School, Goettingen, Germany; 3Institute of Zoology, Chinese Academy of Sciences, Beijing, China; 4Novo Nordisk A/S, Denmark; 5Department of Preventive Medicine, Department of Family Medicine, University Hospitals – The Capital Region, Denmark; 6School of Population Health, University of Sydney, Australia; 7CSIRO Food & Nutritional Sciences, Australia.

**T2.60.09**
Gene-diet Interactions In Weight Maintenance After Weight Loss. Jensen, M1; Angquist, L1; Hager, J1; Charon, C1; Sørensen, T1; Sars, W1; Astrup, A1; Larsen, L1.
Department of Nutrition, Exercise and Sports, University of Copenhagen, Denmark; 2Institute of Preventive Medicine, University Medical School, Goettingen, Germany; 3Institute of Zoology, Chinese Academy of Sciences, Beijing, China; 4Novo Nordisk A/S, Denmark; 5Department of Preventive Medicine, Department of Family Medicine, University Hospitals – The Capital Region, Denmark; 6School of Population Health, University of Sydney, Australia; 7CSIRO Food & Nutritional Sciences, Australia.

**T2.60.10**
Separate Roles For Fast Metabolism And Fat Mass In The Regulation Of Energy Intake. Cardwell, P1; Gribbons, C1; Mailliot, D2; Gilbert, F1; Hollingworth, S1.
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 Kaseola, S1; Yamada, A1; Machida, M1; Nagahata, Y1; Kobayashi, J1; Goto, M1
3Burlyko University, Japan; 2J,O-MILS Inc, Japan

T2:S12.12
Prenatal Metformin Exposure In A Maternal High Fat Diet Model Protects The Metabolic Phenotype Of The Offspring In Mice Salomaki, I1; Vahitakio, L; Heinanen, M1; Allenen, L1; Ruchon, S1; Passien, U1; Kruli, M1
1Institute of Biomedicine, Department of Pharmacology, Drug Development and Therapeutics, University of Turku, Finland; 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 Mice Wood, R1; Sainsbury, A1; King, N1; Hill, A1; Byrne, N1
1The University of Adelaide & Institute of Health & Biomedical Innovation, Queensland University of Technology, Australia; The Boden Institute of Obesity, Nutrition, Exercise & Dietetics, The University of Sydney, Australia; Institute of Health & Biomedical Innovation, Queensland University of Technology, Australia; 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, A1; Horner, K1; Byrne, N1; Cleggthorn, G1
1Queensland University of Technology, Australia; 2University of Queensland, Australia

T2:S12.14
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 Kaseola, S1; Yamada, A1; Machida, M1; Nagahata, Y1; Kobayashi, J1; Goto, M1
3Burlyko University, Japan; 2J,O-MILS Inc, Japan

T2:S12.12
Prenatal Metformin Exposure In A Maternal High Fat Diet Model Protects The Metabolic Phenotype Of The Offspring In Mice Salomaki, I1; Vahitakio, L; Heinanen, M1; Allenen, L1; Ruchon, S1; Passien, U1; Kruli, M1
1Institute of Biomedicine, Department of Pharmacology, Drug Development and Therapeutics, University of Turku, Finland; Institute of Biomedicine, School of Medicine, University of Eastern Finland, Finland

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1The University of Adelaide & Institute of Health & Biomedical Innovation, Queensland University of Technology, Australia; The Boden Institute of Obesity, Nutrition, Exercise & Dietetics, The University of Sydney, Australia; Institute of Health & Biomedical Innovation, Queensland University of Technology, Australia; Mater Medical Research Institute, Mater Mother’s Hospital & Griffith Health Institute, Griffith University, Australia

T2:S12.14
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1Queensland University of Technology, Australia; 2University of Queensland, Australia

T3:S14.04
Prevalence Of Overweight Among Qatari School Children Alkhateeb, M1; Elzoghbi, M2; Salah, M1; Qorba, N1
1Aspetar Hospital, Qatar; 2Sweise Canal University, Egypt; 3Alumnienna University, Egypt; 4Supreme Council of Health, Qatar

T3:S14.05
Prevalence Of Overweight Among Qatari School Children Alkhateeb, M1; Elzoghbi, M2; Salah, M1; Qorba, N1
1Aspetar Hospital, Qatar; 2Sweise Canal University, Egypt; 3Alumnienna University, Egypt; 4Supreme Council of Health, Qatar

T3:S14.06
Trends In Body Mass Index Among China Children And Adolescents: 1997-2011 Wang, H1; Wang, W1; Zhang, Z1
1National institution for nutrition and food safety, China; 2Johns 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 Mahi, P1; Piprode, V1; Chaudhe, B1; Pise, S1; Mittal, M1; Chattopadhyay, N1; Wani, M; Bhut, M1
1National Centre for cell Science, Pune, India; 2Central 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, J1; Fomng, C1; Bill, O1; Johanesens, J1; Pedersen, O1; Hansen, T1; Holm, J1
1Department of Paediatrics, Copenhagen University Hospital, Herlev, Denmark; 2The Children’s Obesity Clinic, Department of Paediatrics, Copenhagen University Hospital, Holbaek, Denmark; 3The 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. Fomng, C1; Gers, T1; Chabaneva, E1; Nielsen, T1; Hansen, T1; Pedersen, O1; Thomsen, J1; Holm, J1
1The Children’s Obesity Clinic, Dept of Pediatrics, Copenhagen University Hospital Holbaek, GRANDIR, Denmark; 2University of Copenhagen, Dept. of Public Health, Section of Biostatistics, Denmark; 3Dept. of Diagnostic Radiology, Copenhagen University Hospital Herlev, Denmark; 4The 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 Hyperinsulinaemia Prevalence In Obese Children Körner, A1; Scheuerman, K1; Neve, M1; Kratzsch, J1; Vogel, M1; Kuus, W1
University Of Leipzig, Germany

T3:S14.11
Low Physiological Activity Level And Short Sleep Duration Are Associated With An Increased Cardio-metabolic Risk: A Longitudinal Study In Danish Children Hjorth, M1; Chapat, J1; Damgaard, C1; Dalbke, S1; Astrap, A1; Michaelisen, K1; Tatera, I1; Ritz, C1; Sjödin, A1
1Department of Nutrition, Exercise and Sports, Faculty of Science, University of Copenhagen, Copenhagen, Denmark; 2Healthy Active Living and Obesity Research Group, Children’s Hospital of Eastern Ontario Research Institute, Ottawa, Canada; 3National 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. Rambihjan, C1; Bouzeic, E1; Clapier, J1; Plumesseau, J1; Nathoo, P1; Hodeland, D1; Massemier, M1; Lacorte, J1; Foucan, L1
1Groupe de Recherche Epidémiologie Clinique et Medicale. CHU de Pointe-à-Pitre, Guadeloupe (French); 2Service de Biochimie Endocrinienne et OncoLOGique, Groupe hospitalier Pitit-Salpêtrière, Paris, France; 3Rueve Grenouille Endocrinologie et Metabolisme, CHU de Guadeloupe (French); 4Centre d’Examens de Santé, AGREXAM, Guadeloupe (French)

T3:S14.13
Prevalence Of Obesity, Overweight And Underweight In Primary School Children, Pilat, Buenos Aires, Argentina 2012-2013 Carracedo, M1; Ravnena, M1; Olies, A1
1Therapeutic Center Maximo Ravnena MD, Argentina

T3:S14.14
Does Childhood BMI Predict Metabolically Healthy Obesity 20 Years Later? Smith, K1; Bassel, E1; Magnnus, C1; Vanni, A1
1Menities Research Institute Tasma, 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 Thet A Mi-suan, L1; McNiel, E1; Sangsupawanich, P1; Chittchang, U1; Department of Nutrition, Faculty of Medicine, Prince of Songkla University, Thailand; 2Department of Nutrition, Mahidol University, Thailand; 3Thai Nutrition Research Association For Child and Family Development, Thailand

T3:S14.16
Body Disatisfaction And Prevalence Of Obesity Among Sri Lankan Rural Adolescents Gomponagenewa, B1; Agampodi, S1; Kalupahana, N1; Wijayakshon, W1; Bopiththa, S1; Senarathne, N1; Adhikari, D1; Henegatna, S1; Biruddana, S1; Rajapura University Of Sri Lanka, Sri Lanka; 2University Of Peradeniya, Sri Lanka

T3:S14.17
Prevalence Of Obesity And Cardometabolic Risk Factors In Young Urban Adolescents In Malaysia Zaharan, N1; Moe, F1; Jalalurid, M1; Mohamed, M1; Mohamed, Z1
1University Of Malaya, Malaysia

T3:S14.18
Relationship Between Body Composition And Metabolic Variables In Schoolchildren: A Follow-up Study Liu, A1; Ma, G1; Qin, X1; Li, Z1; Yuan, F1; Song, C1; Xu, H1
1National Institute of Nutrition and Food Safety, China; 2Beijing Chanyang District Center for Disease Control and Prevention, China

T3:S14.19
SNAC Study: Satiety, Nutrition And Appetite In Children Ninjo, K1; Huggins, C1; Barber, E1; Brown, J1; Taday, N1; Bonham, M1
1Department of Nutrition and Dietetics, Monash University, Australia; 2Department of Paediatric Endocrinology and Diabetes, Monash Children’s Hospital, Australia

T3:S14.20
Assessing Weight Change In Obese Adolescents Garnett, S1, Ho, M1; Cowell, C1; Children’s Hospital Westmead, Australia; 2Children’s Hospital Westmead, Australia

T3:S14.21
Predictors Of Obesity-related Compilations In Prepubertal Children Lee, L1; Hash, C1; Liao, Y1; Chang Qing Memorial Hospital- Changhai, China

T3:S14.22
Correlates Of Central Obesity And Cognitive Function Among Young Malay Adolescents In Kuala Lumpur, Malaysia Chong, K1; Norimah, A1; Ponnusamy, S1; Poh, B1; 1Nutritional Sciences Programme, Faculty of Health Sciences, University Kebangsaan Malaysia, Malaysia; 2Health 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

Knowledge Solutions Action
Adolescents in Kuala Lumpur Wee, B1; Poh, B1; Bulutik, A1; Imam, M1; Liu, A1; Dewenborg, P1

Nutritional Sciences Programme, Faculty of Health Sciences, Universiti Kebangsaan Malaysia, Kuala Lumpur, Malaysia; Julius Center for Health Sciences, University of Utrecht, Utrecht, Netherlands; Faculty of Medicine and Health Sciences, Universiti Teknologi MARA, Puncak Alam, Selangor, Malaysia; National Institute of Nutrition and Food Safety, Chinese Center for Disease Control and Prevention, Beijing, China; LTC, SY Solace @ Telaga Harbu, Langkawi, Malaysia.

T3.514.24

Effect Of Calcium Intake On Anthropometric Parameters In Chinese Adolescents. Havaeta, K1; Haviaty, P; Zamrazilova, H; Saito, H; Alhamed, S2; Alrashidi, A4

1Institute of Endocrinology, Czech Republic; 2MARA University of Technology, Malaysia; 3Department of Community Medicine, University of Helsinki, Finland; 4University of Turku, Department of Pediatrics, University Hospital of Turku, Finland.

T3.514.25

Epidemic Obesity and Anorexia Nervosa In The UAE: Implications For Diabetes And Hypertension. Alzaghby, A1; Alzaghby, A3; Alzaghby, A2; Alzaghby, A5; Alzaghby, A4

1Institute of Endocrinology, Czech Republic; 2Tresignie, J; De Mey, J; Clarys, J; Barwad, P; Sharma, S; Kumar, A; Guleria, R; Pandey, R; All India Institute of Medical Sciences, India.

T3.514.26

Association Of 25-hydroxyvitamin D And Body Composition In Chinese Adolescents - Pilot Study. Havaeta, K1; Haviaty, P; Zamrazilova, H; Saito, H; Alrashidi, A4

1Institute of Endocrinology, Czech Republic; 2MARA University of Technology, Malaysia; 3Department of Community Medicine, University of Helsinki, Finland; 4University of Turku, Department of Pediatrics, University Hospital of Turku, Finland.

T3.514.27

Sedentary Activity And Obesity Among Junior High School Students In Ho Chi Minh City, Viet Nam. Hong, K1; Minh, N1; Michael, J2; Pham Ngoc Thach. First University of Medicine, Vietnam; University of Sydney, Australia.

T3.514.28

Stunted Children Has Higher Risk Of Overweight Among Children Aged 6-12 Years From Eight Provinces In Indonesia. Tamin, G1; Kusiyah, L; Owerni, C1; Department of Community Nutrition, Faculty of Human Ecology, Bogor Agricultural University, Indonesia.

T3.514.29

Cardio-metabolic Risk Factors Associated With Mid-Term Adiposity Levels Among Obese Adolescents. Hudson, L1; Christie, D1; Costa, S1; Kim, S1; Mathis, A1; Wong, I1; Nawaz, F1; Kessell, A1; Morris, S1; Cole, T1; Viner, R1; UCL Institute of Child Health, London, United Kingdom; 2School of Hygiene and Tropical Medicine, United Kingdom; 3Public Health England, United Kingdom.

T3.514.30

Maternal Diabetes During Pregnancy And Its Relation With Birth Size And Risk Of Obesity In Early Childhood. Wang, J1; Josipovic, C1; Limay, T1; Kumar, K1; Sukumaran, L1; Sudhrie, S1; Heliak, R1; Ramadja, L1; Joshi, S1; Yap, Y1

1University of Tennessee, Memphis, USA; 2University of Malaya, Malaysia; 3University of Turku, Department of Pediatrics, University Hospital of Turku, Finland.

T3.514.31

Metabolic Consequences Of Heterogeneity In Adiponectin Levels Among Obese Adolescents: A Potential Explanation. Bayliss, E1; Bower, R1; Blanco, E1; Louzof, B1; Gahagan, S1; Institute of Nutrition and Food Technology (INTA), University of Chile, Chile; Division of Child Development and Community Health, Department of Pediatrics, University of California, USA; 2Center for Human Growth and Development, Department of Psychology, University of Michigan, USA.

T3.514.32

Comparison Of Maximal Fat Oxidation Adjusted For Body Composition By Dual Energy X-Ray Absorptiometry Between Boys And Girls. Konishi, M1; Mokhtarian, T1; Ohta, M1; Hishinuma, Y1; Takagi, S1; Tori, S1; Sakamoto, S1

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

T3.514.33

Prevalence Of Obesity Among Adolescents In Senior Secondary Schools In Oyo State, Nigeria. Bokai, A1; Abolal, W1; Oguntola, E1; Aigbonnwor, M1; Department of Nutrition and Dietetics, Federal University of Agriculture, Abeokuta, Nigeria; 2Department of Nutrition and Dietetics, Federal University of Agriculture, Abeokuta, Nigeria; 3Department of Nutrition and Dietetics, Federal University of Agriculture, Abeokuta, Nigeria; 4Department of Nutrition and Dietetics, Faculty of Agriculture, University of Malaya, Malaysia; 5University of Malta, United Kingdom; 6University of Malaya, Malaysia; 7Queen's University Belfast, United Kingdom.

T3.514.34

Seroinfectivity And Specificity Of Body Fat Analyzer Measuring Among A Sample Of Malaysian Adolescents. Ho, C1; Chin, Y1; Chan, Y1; Mohd Naiz, M1; University Putra Malaysia, Malaysia.

T3.514.35

Body Mass Index, Asthma And Allergy Among School Children In Malaysia. Alshammari, F2; Alfahtan, A; Alhamzi, A; Alhamzi, N; Al Saif, A; Alhamzi, A; Farshori (supervisor), M2; University Teknologi MARA, Malaysia.

T3.514.36

Meal Skipping As A Risk Factor Of Abdominal Obesity Among Malaysian Adolescents: Findings From The Malaysian Overweight And Obese Children Examination Survey. Mohd Taliq, M1; Chin, Y1; Farah Wahida, R1; Kawtir, S1; Wong, F1; Zalikah, M1; University Putra Malaysia, Malaysia.

T3.514.37

Influence Of Obesity And Diet On Children’s Blood Pressure Results From The GRECO Study. Fanjani, P1; Rosva, G1; Micha, R1; Panagiotakos, D1; Zampelas, A1

1Agricultural University of Athens, Greece; 2Haropiko University, Greece.

T3.514.38

Physical Activity And Body Composition Among Ethnically Diverse Adolescents. Abdul Majid, N1; So, P1; Pai Ying, S1; Azmi, M1; Murray, L1; Al Saif, N1; Cartwell, M1; Jalaludin, M1; University of Malaysia, United Kingdom; 2University of Malaya, Malaysia; 3Queen’s University Belfast, United Kingdom.

T3.514.39

Sensitivities And Specificity Of Body Fat Analyzer Among A Sample Of Malaysian Adolescents. Ho, C1; Chin, Y1; Chan, Y1; Mohd Naiz, M1; University Putra Malaysia, Malaysia.

T3.514.40

Body Mass Index, Asthma And Allergy Among School Children In Malaysia. Alshammari, F2; Alfahtan, A; Alhamzi, A; Alhamzi, N1; Al Saif, A; Alhamzi, A; Farshori (supervisor), M2; University Teknologi MARA, Malaysia.

T3.514.41

In Search Of Factors Among Obese Children That Predict Early Co-morbidity Development - Preliminary Results From FOCUS, A Follow-up Study. Hagman, E1; Hedwall Karlsson, P1; Dension, F1; Farshori, M1; Elbon, K1; Marcus, C1; Karolinska institute, Sweden.

T3.514.42

Association Of Sleep Disorders And BMI Status In A Sample Of Malaysian Children. Firoozi, S1; Ismail, M1; Poh, B1; Sadeghrad, A1

1UNIVERSITI PUTRA MALAYSIA, Malaysia; 2Universiti Malaysia, Malaysia; 3Universiti Kebangsaan Malaysia, Malaysia; 4Universiti Malaysia, Malaysia; 5Universiti Malaysia, Malaysia; 6Medical, Division of Internal Medicine, University of Helsinki, Finland.

T3.514.43

Body Composition, Grip Strength And Body Health Status In Malaysian Indian School Children. Milna, S1; Lee, K1; Chong, Y1; Baby, K1

1University of Nottingham at Malaysia; 2University of Nottingham at Malaysia Campus, Malaysia.

T3.514.44

The Metabolic Syndrome And 2-hour Insulin Sensitivity In Lean And Obese Children. Boejee, C1; Nissen, A1; Klippenberg, J1; Muller, P1; Trier, C1; Fong, C1; Holm, J1 The Children’s Obesity Clinic, Department of Pediatrics, Copenhagen University Hospital Holbæk, Denmark.

T3.514.45

Cancer – from epidemiology to mechanisms to outcome. T3.514.16

Alarmingly High Rates Of Child Obesity In Saudi Arabia. A Possible Link Between Obesity And Inheritance Of Phenylthio Carboxamide Gene(PTC). M Fachoir, N1; Alamin, M1; Aljamy, A1; Alhamzi, Alhamzi, N1; Alamiyan, M1; Alhamam, A1; Alshammari, N1; Alhamzi, A1; Farshori (supervisor), M2; Vrije Universiteit Brussel, Belgium.

T3.514.46

Non Allergic Fatty Liver Disease (NAFLD) And Chronic Artery Disease (CAD) In Asian Indians. Elawarai, A1; Varik, N1; Karkangan, Y1; Tadeo, B1; Barwied, P1; Sharma, S1; Kumar, A1; Guleria, R; Pandey, R1; All India Institute of Medical Sciences, India.

T3.514.47

Effects Of Compounds Of Phasohcyte Origin On The Proliferation Of Asthma Cells. Park, W1; ‘Watanabe Akiko, 31; Takikawa Yasuhito, 21; Satoh Takumi, 41; Suzuki Kazuyuki, 51; Division of Gastroenterology and Hepatology, Department of Internal Medicine, Iwate Medical University, Japan; 2Department of Welfare Engineering, Faculty of Engineering, Iwate University, Japan.

T3.514.48

Mechanisms Of NPY Overexpression In The Pathogenesis Of The Metabolic Syndrome. Akinlade, A4; Barakatun Nisak, M; Zalilah, M1; Mitra, S1; Lee, K2; Chong, Y2; Abraham, M1; Abd Latif, R; Mohd Nasir, M1; Abdul Hamid, N1; Appukutty, A1; Su, T2; Pei Lee, M1; Panagiotakos, D2; Zampelas, A1; Takumi, 42; Suzuki Kazuyuki, 51.

1University of Turku, Department of Chemistry, Finland; 2University of Helsinki, Finland; 3University of Turku, Department of Pharmacology, Drug Development and Therapeutics, Finland; 4University of Turku, Department of Medicine, University of Helsinki, Finland.
T4.50.10
Early Life Stress Induced By Limited Nutritional Material Results In Susceptibility For Metabolic Disorder In Female Rats

T4.50.14
Relationship Between Serum Protein Expression In Obesity And Inflammation In Women With Chronic Renal Underlying Hemodialysis.

T4.50.15
Cross-sectional Association Between Potentially Beneficial Eating Behaviors And Body Composition Among Children And Adolescents In South China

T4.50.16
Velocities Of Weight, Height And Fat Mass Gain During Potentially Critical Growth Periods Of Decision: Is Adult Body Mass Determined By Childhood?

T4.50.20
Cross-sectional Association Of Body Composition And Blood Pressure Among Children And Adolescents In South China

T4.50.21
Cross-sectional Association Between Parental Perceptions Of And Approval Of Children’s Eating Behaviors And Parental Dietary Intake And Association With BMI – A Population-Based Study With 18 Years Old Children In South China

T4.50.22
Changes In Body Composition With Weight Loss In A Physician, Supervised Weight Loss Program Guzman, M.M.; Nguyen, P.; Schram, E.; Hågström, S.; Imparato, A.; Zbella, E.; Shah Alvarez, S.; Nora Southeastern University, USA; University Of South Florida, USA; San Diego State University, USA; Medivis Health, USA

T4.50.23
Obesity, Martineau’s Women Most Dangerous Predictor Marking Fatness In The British Women’s Heart Health Study

T4.50.24
Parental Perceptions Of And Concerns About Child’s Body Weight In Eight European Countries – the IDEFICS Study Yap, S; Boo, N; Chin, Y*; Woon, F; Chong, L; Selangor, Malaysia

T4.50.25
Food Consumption And Disorders Of Parent’s Education And Eating Behaviour In Young Australian Men

T4.50.26
The Effectiveness Of School-based Nutrition Education Programmes (the ReFSHE Program) Among Obese Adolescents In Singapore Tan, J; Choy, T; Lee, K; Tan, J; Chow, T; Liew, M; Tan, Y; Chan, M; Yip, C; Nong, K; Kow, S; Kong, Hong Kong; 4Public Health Board, Malaysia

T4.50.27
Pregnancy Slows Down Weight Loss After Bariatric Surgery But Does Not Affect Long-term Health Outcomes

T4.50.28
Health Status, Dietary Intake, Dieting Practices, Eating Behaviour, Physical Activity And Psychological Wellbeing In Urban Black Obese/obese Treatying Zulu Women And Association With BMI Kasier, S; De Villiers, A; Senkal, M; University Of KwaZulu-Natal, South Africa; 2Medical Council, South Africa; University Of Pretoria, South Africa; 3Cano, S; 4Institute Of Child Health, South Africa; 5UCL Institute Of Child Health, London; 6Lancet, I1; Kessell, A4; Morris, A; 7University College London, UK; 8University Of Cape Town, South Africa; 9University Of Hygiene And Tropical Medicine, London; 10University Of New South Wales, Australia

T4.50.29
The Association Between Body Mass Index And Blood Pressure Among School Children In Malaysia

T4.50.30
Association Between Specialization, Body Composition And Cardiorespiratory Fitness Level In Young Australian Men

T4.50.31
The Effectiveness Of School-based Nutrition Education Programmes (the ReFSHE Program) Among Obese Adolescents In Singapore Tan, J; Choy, T; Lee, K; Tan, J; Chow, T; Liew, M; Tan, Y; Chan, M; Yip, C; Nong, K; Kow, S; Kong, Hong Kong; 4Public Health Board, Malaysia

T4.50.32
Obesity Induces Related To Obstructive Sleep Apnea In Obese Patients

T4.50.33
Risk Factors For Overweight Status In Adolescent Girls In Jeju City, South Korea

T4.50.34
Fitness May Be More Important For Cardiovascular Health Than Adiposity In Adolescent Girls

T4.50.35
Influence Of Physical Activity And Sedentary Behaviour On The Role Of Dietary Atheroclerosis In A Rural Population

T4.50.36
Influence Of Physical Activity And Sedentary Behaviour On The Role Of Dietary Atheroclerosis In A Rural Population

T4.50.37
The Effectiveness Of School-based Nutrition Education Programmes (the ReFSHE Program) Among Obese Adolescents In Singapore Tan, J; Choy, T; Lee, K; Tan, J; Chow, T; Liew, M; Tan, Y; Chan, M; Yip, C; Nong, K; Kow, S; Kong, Hong Kong; 4Public Health Board, Malaysia

T4.50.38
Obesity Induces Related To Obstructive Sleep Apnea In Obese Patients

T4.50.39
Risk Factors For Overweight Status In Adolescent Girls In Jeju City, South Korea

T4.50.40
Influence Of Physical Activity And Sedentary Behaviour On The Role Of Dietary Atheroclerosis In A Rural Population

Knowledge Solutions Action
### TUESDAY 18TH MARCH / SCIENTIFIC PROGRAMME OVERVIEW

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<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
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<tbody>
<tr>
<td>07:45 - 09:00</td>
<td>Sponsored Symposium Session: AOASO and World Obesity Emerging issues for obesity in the Asia-Oceania region</td>
<td>Conference Hall 1</td>
</tr>
<tr>
<td>09:00 - 10:00</td>
<td>Plenary – Wertheimer Award Molecular Physiology Of The Weight-reduced State</td>
<td>Conference Hall 2</td>
</tr>
<tr>
<td>10:00 - 10:30</td>
<td>Refreshment Break</td>
<td>Room: Ballroom</td>
</tr>
<tr>
<td>10:30 - 10:50</td>
<td>Track 1: Session 2: Neuroscience - appetitie control and nutrient sensing</td>
<td>Conference Hall 3</td>
</tr>
<tr>
<td>10:50 - 11:10</td>
<td>Track 2: Session 9: Gut microbiome – what role in obesity? Plenary Theatre</td>
<td>Conference Hall 1</td>
</tr>
<tr>
<td>11:10 - 11:30</td>
<td>Track 3: Session 14: Children and obesity – when does metabolic risk translate?</td>
<td>Conference Hall 2</td>
</tr>
<tr>
<td>11:30 - 11:50</td>
<td>Track 5: Session 25: Lifestyle changing and maintaining</td>
<td>Conference Hall 2</td>
</tr>
<tr>
<td>11:50 - 12:30</td>
<td>Track 8: Session 35: Health economics – how should we be measuring? Meeting Room 304 + 305</td>
<td></td>
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<tr>
<td>10:30 - 12:30</td>
<td>New Investigator Award Sponsered by Novo Nordisk A/S</td>
<td>Room: 306</td>
</tr>
<tr>
<td>12:30 - 14:30</td>
<td>Lunch and Poster Session</td>
<td>Grand Ballroom</td>
</tr>
<tr>
<td>14:30 - 16:15</td>
<td>Track 1: Session 4: Adipose tissue development</td>
<td>Conference Hall 2</td>
</tr>
<tr>
<td>16:15 - 16:45</td>
<td>Refreshment Break</td>
<td>Grand Ballroom</td>
</tr>
<tr>
<td>16:45 - 17:30</td>
<td>Plenary - Obesity Prevention Policies In Low And Middle Income Countries (LMIC’s)</td>
<td>Conference Hall 2</td>
</tr>
<tr>
<td>17:30 - 19:00</td>
<td>Debate Session - Hard or Soft Policies? Room: TBC</td>
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<tr>
<td>17:30 - 19:00</td>
<td>Sponsored Symposium session: Cambridge Weight Plan Evidence based weight loss and maintenance with formula diet</td>
<td>Conference Hall 1</td>
</tr>
<tr>
<td>17:30 - 19:00</td>
<td>Sponsored Symposium session: EPODE and World Obesity Policy &amp; Prevention (formerly IOTF) Community-Based Interventions for Obesity Prevention Meeting Room 304+305</td>
<td></td>
</tr>
<tr>
<td>17:30 - 19:00</td>
<td>Sponsored Symposium: Danone Research Assessing the impact of hydration on public Health issues of Obesity</td>
<td>Conference Hall 3</td>
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<tr>
<td>17:30 - 19:00</td>
<td>Sponsored Symposium: Beneo Weight Management and the role of carbohydrates</td>
<td>Plenary Theatre</td>
</tr>
<tr>
<td>17:45 - 19:00</td>
<td>Sponsored Symposium: International Medical Press Integrated Strategies for Weight Management Conference Hall 2</td>
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SCIENTIFIC PROGRAMME /
TUESDAY 18TH MARCH

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Knowledge Solutions Action
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
Circadian Variation Of Gastric Vagal Afferent Satiety Signals Are Abolished By Diet Induced Obesity S. Kerr1, T.A. O'Donnell2, D.J. Kentssey3, G.A. Wittert1, A.J. Page1
1University of Adelaide, Australia; 2University of Adelaide, Australia
08:00 AS 07
Curvilinear Associations Of Irregular Sleep Patterns With Glycemic Control In Type 2 Diabetes – Results From The Hong Kong Diabetes Registry J. Zhang
The Chinese University of Hong Kong, Hong Kong
08:15 AS 08
1Ulm Medical Molecular Biology Institute, Universiti Kebangsaan Malaysia, Malaysia; 2Nutritional Sciences Programme, School Of Health Sciences, Universiti Kebangsaan Malaysia, Malaysia
08:30 AS 09
Bariatric Surgery Update 2013; 5-year Single Center Experience In South Korea K. Yong Jin
Sonicorthuagree/University Seoul Hospital, Korea, Republic of Korea
08:45 AS 10
Transient Receptor Potential Channel-mediated Activation And Recruitment Of Brown Adipose Tissue In Humans T. Yoneshiro1, M. Masahru2, M. Satou3
1Hokkaido University, Japan; 2Tokyo College, Japan
09:00 - 10:00
Plenary – Wetherell Award
Room: Conference Hall 2
Chair: David York (UK)
09:00 PL 02
Molecular Physiology Of The Weight-reduced State R. Leibel
Columbia University, USA
10:00 - 10:30
Refreshment Break
Room: Grand Ballroom
10:30 - 12:30
T1.S2: Neuroscience – appetite control and nutrient sensing
Chair(s): Andrew McAninch (AUS)
Room: Conference Hall 3
10:30 T1.S2.01
Gut-brain Axis As Mediators Of The Effects Of Bariatric Surgery R. Bowley
University of Cincinnati
11:00 T1.S2.02
Central Mechanisms Of Nutrient Sensing M. Saito
Tenshi College, Japan
11:30 T1.S2.03
Hypothalamic Inflammation And Appetite M. Tsuchiya
Helmholtz Zentrum München & Technische Universität München, Germany
12:00 T1.S2.04
Central Role Of Adiponectin And Other Adipokines In Appetite And EE K. Maudsley
Department of Complementary & Alternative Medicine, Osaka University Graduate School of Medicine, Japan

T2.59: Gut microbiome – what role in obesity?
Room: Plenary Theatre
Chair(s): Andrew McAninch (AUS)
10:30 T2.59.01
The Gut Microbiome: Overview J. Dore
French Research Institute in Agricultural Sciences, France
11:00 T2.59.02
The Gut Microbiome In Obesity And Its Relationship To Obesity And Related Diseases P.D. Cani
Université catholique de Louvain, Belgium
11:30 T2.59.03
Gut Microbiota Responses To Dietary Carbohydrates K. Clement
ICAN, INSEEM, APHP, UPMC, France

12:00 - 12:30
Can Probiotics And Prebiotics Provide A Therapeutic Approach To Obesity? N. Delzenne
Université catholique de Louvain, Belgium
T3.S14: Children and obesity – when does metabolic risk translate?
Room: Conference Hall 1
Chair(s): Louise Baur (AUS)
10:30 T3.S14.01
Epidemiology Of Obesity In Children: International Comparisons And What They Can Tell Us T. Lobstein
IASO, United Kingdom
11:00 T3.S14.02
Do Obese Children Necessarily Become Obese Adults? A.C. Baker
Institute of Preventive Medicine, Denmark
11:30 T3.S14.03
Obesity And Cardio-metabolic Risk In Children L. Moreno
Universidad de Zaragoza, Spain
12:00 T3.S14.04
Early Origins Of Obesity-Associated Metabolic Complications M. Goran
University of Southern California

T5.25: Lifestyle changing and maintaining
Room: Conference Hall 2
Chair(s): Winnie Chee (ML)
10:30 T5.25.01
Why Have We Failed? L. Lissner
University of Oxford
11:00 T5.25.02
Behavioural Strategies For Weight Management J. Jobb
University of Oxford
11:30 T5.25.03
How To Increase Physical Activity? J. M. Giepert
Faculty of Medicine, University of Paris, Institute of Cardiometabolism and Nutrition, France
12:00 T5.25.04
Elements To Consider For The Maintenance Of Weight Loss W. Sans
Nutrition Research Institute, NUTRIM, Health, Medicine and Life Science School, Maastricht University, Netherlands

10:30 - 12:30
New Investigator Award
Room: 306
Chair(s): R Atkinson (USA)
10:30 T8.35.01
Considerations In Getting Appropriate Health Economic Data M. Caccia; H. Say
Organisation for Economic Co-operation and Development (OECD), France
11:00 T8.35.02
Health Economics -- How Should We Be Measuring? S. Jan
The George Institute for Global Health, Australia
11:30 T8.35.03
Extrapolating From Early Life and Child Interventions To Economic Costs M. Moodie
Deakin University, Australia
12:00 T8.35.05
What do politicians need to convince them?? R. Why
Institute of Nutrition INTA of Chile Santiago-Chile
TUESDAY 18TH MARCH / SCIENTIFIC PROGRAMME

11:30 AS04
Effects Of Gastric Bypass Surgery On Overweight Patients With Type 2 Diabetes
M. Cai; H.K. Gao1; J.R. Speaksman
Institute of Genetics and Developmental Biology, Chinese Academy of Sciences, China; 1Department Of General Surgery, The General Hospital of Chinese People’s Armed Police Forces, China

11:50 AS05
Satiety Control By Peptides: Different Patterns Of Ghrelin, Insulin, CCK, GLP-1 And PYY But The Same Suppression Of Appetite
E. Gibbons; G. Prichard; P. Caudebut; D. Ebbs; D. P. Metzler; E. Nisalak; J.E. Blundell
1Institute of Psychological Sciences, United Kingdom; 2University of Leeds, United Kingdom; 3University of Uppsala, Sweden; 4Kiel University, Sweden

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

14:30 - 16:15
Adipose tissue development
Room: Conference Hall 2
Chair(s): Jon Arch (UK)

13:45 T5.401
Adipose Tissue Selective Thyroid Stimulating Hormone Receptor (TSHR) Knockout Alters The Gene Expression In Brown But Not In White Adipose Tissue
E. Elshad; V. Lundback; K. Eiborn; C. Marcu
Department of Clinical Science, Intervention and Technology, Division of Pediatrics, Karolinska Institut, Sweden

14:30 T5.401
Molecular Signatures Of Adipose-derived Stem Cells: Potential For Metabolic Reprogramming
S. Sugii
Duke NUS Graduate Medical School

15:00 T5.401
The Bystander And Systematic Adverse Effects Of Senescent Preadipocytes
M.X. Xu; T.P. Prathakshra; N.G. Gougard; M.B. Sout; A.P. Kalra; P.W. Chan; M. Wang; N.K. Liefhebber; T.T. Tjahja; J.K. Kirkland
Mayo Clinic, USA

15:15 T5.401
Blunted Growth Hormone Signal Transduction Mitigates Lipid Redistribution And VAT Senescent Cell Burden
M.B. Stoff; T. Takahara; T. Prathakshra; C. Ercan; N. Gougard; A.K. Kalra; E.J. Lai; B. Berymen; A. Spong; M. Maestam; J.J. Kopchok; R.A. Miller; A. Barki; J. Kirkland
Robert and Arline Kolkata Center on Aging, Mayo Clinic, Rochester, MN, USA; 2Massachusetts General Hospital, Boston, MA, USA; 3Hunter Medical Research Institute, Australia; 4University of British Columbia, Vancouver, Canada

15:30 AS11
One Week High Fat Diet Leads To Impaired Toll Like Receptor 2 (TLR2) Function In Young Healthy Men
E. Han; O.D. Duden; O.M. Math; S.S. Smith-Konake; J.L. Little
University of British-Columbia Okanagan, Canada

15:45 T5.402
Dose-dependent Effect Of Taurolipid Supplementation On Obesity And Hyperlipinaemia In Mice
N. Boboyama-Koizumi; T. Morikawa
1National Institute of Health and Nutrition, Japan; 2Jesen Women’s University, Japan

16:00 T5.402
Higher BMI Is Associated With Lower Skin Carotenoid Concentration Measured By Spectrophotometry: Implications For Vegetable And Fruit Consumption
C. Corlin; K. Paizis; R. Whitehead; M.J. Hutchinson; M. Rollo; J. Park; G. Gao
1The University of Newcastle, Australia; 2St Andrews University, Scotland, United Kingdom

16:00 T5.402
Dysregulated By an excessive supply of lipids
M. Park; J.T. Beilin; S. Schuster; T. Góra; W. Kiese; A. Gierut1, 2Center for Pediatric Research Leipzig, University of Leipzig, Germany; 3The Novo Nordisk Foundation Center for Basic Metabolic Research, University of Copenhagen, Denmark

17:30 T5.402
Hepatic NAD Metabolism Is Dysregulated By An Excessive Supply Of Lipids
M. Perrot; J.T. Beilin; S. Schuster; T. Góra; W. Kiese; A. Gierut
1Center for Pediatric Research Leipzig, University of Leipzig, Germany; 3The Novo Nordisk Foundation Center for Basic Metabolic Research, University of Copenhagen, Denmark

18:45 T5.402
Density Of Neighborhood Restaurants And Body Mass Index Among Rural Chinese Adults
W. Du; C. Su; H. Wang; J. Zhang; J. Zhang; J. Zhang; D. Zhang
1National Institute for Nutrition and Food Safety

19:30 T5.402
8700 – Menu Labelling Regulation In New South Wales Australia - Social Marketing Campaign And Results
S. Shinot-A 2Shift, A. Rashid, B. Sambodhyapoy; A. Dax; K. Chowdhury; P.K. Mitra; S.K. Dutta
1Institute of Post-Graduate Medical Education & Research, Kolkata, India

19:45 T5.402
Powering The Movement To Get Kids Moving - 10 Years Of Experience From The Active Healthy Kids Canada Report Card
M. Tremblay
CHEO Research Institute, Canada

20:15 T5.402
7000 – Menu Labelling Regulation In New South Wales Australia - Social Marketing Campaign And Results
S. Shinot-A 2Shift, A. Rashid, B. Sambodhyapoy; A. Dax; K. Chowdhury; P.K. Mitra; S.K. Dutta
1Institute of Post-Graduate Medical Education & Research, Kolkata, India

20:30 T5.402
8700 – Menu Labelling Regulation In New South Wales Australia - Social Marketing Campaign And Results
S. Shinot-A 2Shift, A. Rashid, B. Sambodhyapoy; A. Dax; K. Chowdhury; P.K. Mitra; S.K. Dutta
1Institute of Post-Graduate Medical Education & Research, Kolkata, India

T8.539 Strategies and changing policy
Room: Conference Hall 1
Chair(s): Tim Gill (AUS)

14:30 T8.539
Powering The Movement To Get Kids Moving - 10 Years Of Experience From The Active Healthy Kids Canada Report Card
M. Tremblay
CHEO Research Institute, Canada

14:45 T8.539
Density Of Neighborhood Restaurants And Body Mass Index Among Rural Chinese Adults
W. Du; C. Su; H. Wang; J. Zhang; J. Zhang; J. Zhang; D. Zhang
1National Institute for Nutrition and Food Safety
### TUESDAY 18TH MARCH / SCIENTIFIC PROGRAMME

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<tr>
<td>15:00</td>
<td>Low Serum 25-hydroxyvitamin D Concentrations Are Associated With Non-alcoholic Fatty Liver Disease In Adolescents Independent Of Adiposity</td>
<td>Conference Hall 3</td>
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<tr>
<td>15:15</td>
<td>Fat Tax And All That: The Pros And Cons Of Taxing Food - The View From New Zealand Policy Makers</td>
<td>Conference Hall 3</td>
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<tr>
<td>15:30</td>
<td>What Do The Public Think Of Using Tax On Food To Prevent Obesity? The Findings Of A Citizen's Jury</td>
<td>Conference Hall 3</td>
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<tr>
<td>15:45</td>
<td>Monitoring The Influence Of Major Food Companies On Food Environments And Policies: Potential Role Of Social Media As Data Collection Tools</td>
<td>Conference Hall 3</td>
</tr>
<tr>
<td>16:00</td>
<td>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</td>
<td>Conference Hall 3</td>
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<tr>
<td>17:30 - 19:00</td>
<td>Plenary</td>
<td>Plenary Theatre</td>
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### Plenary

- **Room:** Conference Hall 2
- **Chair(s):** Philip James (UK)

#### 14:45 - 17:30

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<th>Time</th>
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<th>Chair(s)</th>
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<tr>
<td>14:45</td>
<td><em>Are Workplace Interventions Useful?</em></td>
<td>H.R. Di Piazza</td>
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<tr>
<td>15:00</td>
<td><em>Creating A Healthy And Engaging Workplace In A Primary Care Health Setting</em></td>
<td>L. Mikkor, B. Whitmore, P. Bouch</td>
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<tr>
<td>15:15</td>
<td><em>Healthy@Work Takes Time: Workplace Health Promotion Availability And Engagement, And Changes To Employee Lifestyle Risk Factors (2010-2013)</em></td>
<td>M. Kippatrick, K. Sandersen, L.Blizard, A. Venn</td>
</tr>
<tr>
<td>15:30</td>
<td><em>The Association Between Participation In A Workplace Pedometer Program And Long-term Change In The Level Of Daytime Sleepiness</em></td>
<td>W. Loy, N.G. P. Fresh-Poli, A. Paeters</td>
</tr>
<tr>
<td>15:45</td>
<td><em>The Relationship Between BMI And The Use Of Antidepressant Medication In An Employee Population</em></td>
<td>T. Oostbye, E.L. Eisenstein, M. Stroo, J. Dement</td>
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#### 16:15 - 16:45

- **Time:** Refreshment Break
- **Room:** Grand Ballroom

#### 16:45 - 17:30

**Plenary**

- **Room:** Conference Hall 2
- **Chair(s):** Philip James (UK)

#### 16:45 - 17:30

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<tr>
<td>16:45</td>
<td><em>Obesity Prevention Policies In Low And Middle Income Countries (LMIC’s)</em></td>
<td>B. Popkin, University of North Carolina, USA</td>
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### 17:30 - 19:00

- **Debate Session - Hard or Soft Policies?**
  - **Room:** Plenary Theatre
  - **Chair(s):** Ian Caterson (AUS)
  - **Time:** 17:30 - 18:30
  - **Sponsored Symposium:** Danone Research
  - **Sponsored Symposium:** EPODE and World Obesity Policy and Prevention (formerly IOFF)
  - **Sponsored Symposium:** Cambridge Weight Plan
  - **Sponsored Symposium:** International Medical Press
  - **Sponsored Symposium:** Donation Research
  - **Sponsored Symposium:** Bneos Institute
### SCIENTIFIC PROGRAMME / WEDNESDAY 19TH MARCH

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

Room: Conference Hall 2
Chair(s): R. Atkinson (USA)
09:00 - 10:00
Obesity And Population Health
A. Peters

10:00 - 10:30
Refreshment Break

10:30 - 12:30
T1.5.3: Brown fat – cellular origins and function in humans

Room: Conference Hall 1
Chair(s): M. Tschöp

10:30 - T1.5.3.01
Regulation Of Brown Fat Formation And Function: Progenitor, Niche, And Beyond
Prof. Teng
Jokini Diabetes Center, Harvard Medical School, USA

11:00 - T1.5.3.02
Molecular Differentiation And Function Of Brown, White Adipocytes
J. Nederpeld
The Wener-Gren Institute, Stockholm University, Sweden

11:30 - T1.5.3.03
Role Of Brown Adipose Tissue In Human Energetics And Obesity – A Link With The Indoor Climate
Dr. van Marken Lichtenbelt
Toxicology and Metabolism of Maastricht University Medical Center

12:00 - T1.5.3.04
Brown Fat And Glucose Homeostasis
Dr. Neovius
University Medical Center Hamburg Eppendorf, Germany

10:30 - 12:30
T1.5.24: Bariatric surgery – why, when, which?

Room: Conference Hall 3
Chair(s): N. Finer (UK)

10:30 - T1.5.24.01
Bariatric Surgery: Who, When And How
N. Finer
University College Hospital London

11:00 - T1.5.24.02
Bariatric Surgery And Diabeties: Prevention, Delay Or Cure?
F. Kubin
King’s College London, United Kingdom

11:30 - T1.5.24.03
Cost-Effectiveness Of Bariatric Surgery
M. Wernert
Karolinska Institute, Sweden

12:00 - T1.5.24.04
Physiological Changes Following Bariatric Surgery
G. Mangione
Catholic University, Italy

10:30 - 12:30
T1.5.16: Cancer – from epidemiology through mechanisms to outcome

Room: Meeting Room 304 + 305
Chair(s): F. Arshad (ML)

10:30 - T1.5.16.01
Obesity As A Cause Of Cancer: Epidemiologic And Biologic Mechanisms
T. Byrne
Colorado School of Public Health, USA

11:00 - T1.5.16.02
Obesity, Energy Balance And Cancer Prevention: Mechanistic Insights From Transdisciplinary Studies
E. Altiok
University of North Carolina at Chapel Hill, USA

11:30 - T1.5.16.03
Cancer In Obesity: What We Eat, Hormonal Changes Or Toxins?
A. Tremblay
Laval University, Canada

12:00 - T1.5.16.05
Adipose Tissue-Derived Stromal Vascular Factors And Their Impact On Mammary Tumor Growth
T. Morley
National Childhood Obesity Foundation

10:30 - 12:30
T1.6.28: Food and the food environment

Room: Conference Hall 2
Chair(s): J. Sing

10:30 - T1.6.28.01
Fats -- Energy, Danger Or Opportunity?
J. Mann
University of Otago, New Zealand

11:00 - T1.6.28.02
The Importance Of Amounts Of Protein, And The Protein To Carbohydrate Ratio For Weight Control: Analyses From The DIGenes Study
A. Akhriz, O.M. T. Rodriguez1,2, J.O. Bendtzen1,2, Y.M. Lannert1,3, C. Byø,4, T. Tjondra-Yarleaka1,2, M. Van Baal1,2, J.A. Martinez1,2, W.H. Martens1,2
University of Copenhagen, Denmark;1

11:30 - T1.6.28.03
Ultra-processed Food And Drink Products And Obesity: A New Hypothesis, Mechanisms And Evidence
C. Monteiro
University of Sao Paulo, Brazil

12:00 - T1.6.28.04
Improving Food Supply
S. Lee
Queensland University of Technology, Australia

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

14:00 - 16:15
T1.5.13: Brown fat and energetics

Chair(s): B. Cannon (SWE)

14:30 - T1.5.13.01
Cellular Regressor Of E1A-stimulated Genes 1 Is A Novel Regulator Of Brown Adipocyte Differentiation
F. Kazoe,1,2 N. Katzeiko,1,2 T. Tedlslch,1,2 A. Nizako1,2, H. Tamazh1
1College of Life and Health Sciences, Chiba University, Japan; 2Career Path Promotion Unit for Young Life Scientists, Kyute University, Japan

14:45 - T1.5.13.02
Adipocyte SIRT1 Protects Against Obesity-induced Endothelial Dysfunction Via Enhancing Brown-remodeling Of Perivascular Adipose Tissue In Mice
H. H. Hu,1 P. Eu PI,2 Vanhoute, K.S. Lam, A. Lu
1The University of Hong Kong, Hong Kong

15:00 - 18:00
T1.5.13.03
Transient Receptor Potential Channel-mediated Activation And Recruitment Of Brown Adipose Tissue In Humans

T. O. Vojvodic,1,2 M. Matusek1,2 Huxaidi University, Japan; 1Tenry College, Japan

15:15 - T1.5.13.04
Identification Of Thermogenic Beige/brite Adipocytes In Human Omental And Gastro-oesophageal Adipose Tissue

E.S. Kypri1,2, R.L. Steer,3 T. Preda2,2 E. Borodachev2, M.M. Saebo1,2, K. Mord1
1St Vincent’rs Centre for Applied Medical Research, Australia; 2Garvan Institute of Medical Research, Australia

15:30 - T1.5.13.05
Enhanced - adrenocorticotropin Mediated Oxygen Consumption And Glucose Uptake In Brite Adipocytes Derived From Subcutaneous And Inguinal White Adipose Tissue

D. Hutchinson,1 J. Marko,2 R. Fahey,1 T. Bengtsson2, R.V. Lord1
1Lund University, Sweden; 2Stockholm University, Sweden
Room: Conference Hall 1
Chair(s): K. Clement (FR)

14:30 T1.S13.06
Genetic Basis Of Severe Obesity
A. Farooqi
University of Cambridge, United Kingdom

14:50 T1.S13.07
Influence Of The FTO Rs9939609 Polymorphism On Body Mass Index In Relation To Physical Activity And Sleeping Duration In Malay Children
M.N. Wan Zurinah, B. Balkau, W.A. Wan Muda, M.N. Adibah
Universiti Sains Malaysia; Universiti Kebangsaan Malaysia, Malaysia

15:10 T1.S13.08
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
Y.H. Say; K.P. Lye, Y. Arumugam, V. Shunmugam, T. Kaur; C. Frisby
Universiti Tenaga National University, Technology Malaysia; INSERM, France

15:30 T1.S13.09
Vitamin D Levels And VDR Polymorphisms: Relationships To Metabolic Syndrome Components In Overweight / Obese Arab Females
M. Haseen, K.O. Abu-Oudeh, W.A. Wun Muda, N. Jan Abu-Oudeh
Universiti Sains Malaysia; University of Sharjah, United Arab Emirates; Universiti Sains Malaysia, Malaysia; Universiti Tenaga National University, Technology Malaysia, Malaysia

15:50 T1.S13.10
Low Copy Number Of TheAMY1 Gene Is Associated With A Metabolic Profile Of Insulin Resistance Via The Gut Microbiome A. Arredouani, M. Farahi, B. Balkau, P. Froguel
Qatar Biomedical Research Institute, Qatar; Imperial College London, United Kingdom; INSERM, France

Room: Meeting Room 304 + 305
Chair(s): J. Woon (KOR)

14:30 T2.S18.01
Dietary Fats And Insulin Resistance In Animal Models Of Obesity
G. Cooney
Garvan Institute of Medical Research, Australia

15:00 T2.S18.02
The Effects Of Different Dietary Macronutrient Composition On Insulin Resistance And Lipid Profile In Genetically Diabetic KK-Ay Mice
Y. Cho; C.G. Ye, L. Du, J.X. Li; X. Zhou
School of Clinical Medicine, Chengdu University of Traditional Chinese Medicine, China; Department of Endocrinology, Affiliated Hospital of Chengdu University of Traditional Chinese Medicine, China

15:15 T2.S18.03
The TRPV1 Receptor Regulates Energy Balance And Glucose Metabolism In Mice
A.J. Page; S.J. Kershaw, G. Rattanasiri; C. Finlay; P. Canestrini; G.A. Wittert
University of Adelaide, Australia; CSIRO Adelaide, Australia

15:30 T2.S18.04
A Dietary Pattern Associated With Increased Insulin Resistance Tracks During Adolescence
G. Appasamy; G. Poil, W. O'Keefe; J. Ziv, J. Mon, S. Jebb; G. Ambrus
Department of Nutrition and Dietetics, Faculty of Medicine and Health Sciences, UPM; Universiti Kebangsaan Malaysia, Malaysia; Diabetes and Nutritional Sciences Division, School of Medicine, King's College London, London, United Kingdom; Telethon Institute for Child Health Research, Centre for Child Health Research, UWA, Perth, Australia; School of Medicine and Pharmacology, UWA, Perth, Australia; MRC Human Nutrition Research, Cambridge, United Kingdom

15:45 T2.S18.05
Eicosapentaenoic Acid Ameliorates High-fat Diet-induced Insulin Resistance Via Modulating Adipose Tissue Function
N. Sengul, A. Alavi, M. Patel; K. Jenkin, M.J. Mueller, M. Matsushita, T. Yoneshiro
Institute of Nutrition, Medicine and Health Sciences, UPM, Serdang, Malaysia; Garvan Institute of Medical Research, Australia; Department of Physiology, Melbourne University, Melbourne, Australia; Hokkaido University, Japan

Room: Conference Hall 2
Chair(s): P. Koon (ML)

14:30 T7.S34.01
Pharmacotherapy - The Options
J. Arch
University of Bath, United Kingdom

15:00 T7.S34.02
O-1602 Reduces Adiposity, But Increases Liver Mass In A Diet Induced Obese Rat Model
A.C. Simcocks; L. D.C.Ware; K. Jenkin; M.L. Matha, D.M. Hayro; A.J. McAr'chi
Centre for Chronic Disease Prevention and Management, College of Health & Biomedicine, Victoria, Australia; Department of Physiology, Melbourne University, Melbourne, Australia

15:15 T7.S34.03
Thermogenic And Anti-obesity Effects Of Capsinoids Are Dependent On Brown Adipose Tissue
T. Kayahara; T. Yonehara, Y. Okamatsu-Ogura, G. Hatznikolas
University of Adelaide, Australia; Department of Physiology, Melbourne University, Melbourne, Australia

15:30 T7.S34.04
Anti-obesity Effects From Standardized Leaf Extracts Of Piper Sarmentosum In High Fat Diet Induced Rats
Z. Ismail; M.S.R. Hamil, M.K. Bhat, G. Ghafar
Universiti Sains Malaysia, Malaysia

Room: Plenary Theatre
Chair(s): M. Cawthorne (UK)

16:00 T5.S26.01
Endocrine Determinants Of Insulin Sensitivity And Insulin Secretion During A Weight Cycle In Healthy Men
J. Karcher; J. Endler; M. Lagercrantz; M.J. Mueller; A. Boey-Westphal
Institute of Nutrition, Medicine and Health Sciences, Graduate School of Veterinary Medicine, Japan; Institute of Human Nutrition and Food Science, Christian-Albrechts University, Kiel, Germany

16:15 T5.S26.02
Green And Black Cardamom In A Diet-induced Rat Model Of Metabolic Syndrome
M. Bhaswant; T. Hsu; G. Lim
Victoria University of Technology, Australia; University of Southern Queensland, Australia

16:45 T5.S26.03
Weight Loss And Improvements Of Metabolic Syndrome In 300 Hypogonadal Men Treated With Testosterone Undecanoate Injections Up To 72 Months: An Observational Registry Study
F. Saad; A. Haidar; G. Dones; A. Shark
Bayer Pharma AG, Germany; Private Urology Practice, Germany; Boston University School of Public Health, Dept. of Biostatistics, USA; Boston University School of Medicine, Dept. of Biochemistry and Urology, USA

17:30 T5.S26.04
Using Social Network Analysis To Assess The Development Of Community Partnership Networks Within EPodie-derived, Integrated Approaches Targeting Childhood Overweight
M.J.J. van der Kleij, M.H. Crane, B. Riehl, T.G. Paulassen; Leiden University Medical Centre, Netherlands; TNO, The Netherlands

17:45 T5.S26.05
Pathways Linking Socioeconomic Status And Childhood Obesity: Findings From Taiwan Birth Cohort Study
T. Chiang; Y.P. Li; S.T. Chou
National Taiwan University, Taiwan; Department of Health Promotion, Ministry of Health and Welfare, Taiwan

18:15 T5.S26.06
Dietary Food Patterns And Obesity Risk In Malaysian Adolescents
L.H. Foo; A. Nurul Fadillah, P.S. Tee; M.E. Aziz
School of Health Sciences, Universiti Sains Malaysia, Health Campus, Kubang Kerian 16150, Kelantan, Malaysia; School of Medical Sciences, Universiti Sains Malaysia, Kubang Kerian 16150, Kelantan, Malaysia
WEDNESDAY 19TH MARCH / SCIENTIFIC PROGRAMME

15:15
17.534.04
Racial/Ethnic And Income Disparities In Child And Adolescent Exposure To Food And Beverage Television Ads Across USA Media Markets
S.K. Kumanyika; R. Wada; C.M. Powell
Perelman School of Medicine, University of Pennsylvania, USA; Institute for Health Research & Policy, University of Illinois at Chicago, USA; School of Public Health and Institute for Health Research & Policy, Univ. of Illinois at Chicago, USA

15:30
17.534.05
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
17.534.06
Reliance By Mexican-origin Children On Neighborhood Vendedores (Mobile Vendors) For After-School And Weekend Snacks In Texas Border Colonias
J. Sharkey; W. Dean; M. Gomez
Program for Research in Nutrition and Health Disparities, USA; School of Rural Public Health, USA

16:00
17.534.07
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. Francia; P. Chaput
Children's Hospital of Eastern Ontario, Canada

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

19:00 - 22:00
Gala Dinner
Room: Banquet Hall
**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, S1; Schrauwen-Hinderling, V; Westerterp, K; Pissis, E; Maastricht University, Netherlands

**AS 02**
Efferin: A Novel Protein Independently Improves Glycemic Control In High-fat Fed Mice
Ni, H1; Hippe, V; Dubousson, D; Dhurandhar, N Perinatal Biome Research Center, USA

**AS 03**
FoodSwitch: A Smartphone Application To Help Consumers Make Healthier Food Choices
Cai, M*1; Gao, H2; Speakman, J2 UK Medical Molecular Biology Center, USA

**AS 04**
Effect Of Gastric Bypass Surgery On Overweight Patients With Type 2 Diabetes
Cai, M1; Gao, H; Spearman, J1; 'The George Institute for Global Health, Australia; Ygis Software, Australia

**AS 05**
Association Between Single-nucleotide Polymorphisms (SNPs) Of Adiponectin (ADipoQ) Gene With Obesity Related To Chinese Malaysian Children
Teh, C1; Chong, P1; Nurul Adibah, N1; Poh, B2; Rahman, J1; Wan Zurinah, W1; Atma Jaya Catholic University, Indonesia

**AS 06**
Presence Of Brown Adipose Tissue In Subcutaneous Depots Of Children
Rockstahl, D; Landgraf, K; Wagner, L; Geising, J; Taucher, R; Kawa, W; Bühlgen, U; Wijnen, M; Till; H; Blüher, M; Körner, A* University of Leipzig, Germany

**TS 1.03.01**
Postprandial Thermogenesis And Brown Adipose Tissue In Humans
Aita, S1; Yonehara, T1; Saito, M1; Yakuoda Junior College, Japan; 'Hokkaido University, Japan; 'Teh, C*1; Keijer, J2; Palou, A1

**TS 1.03.02**
Impact Of Brown Adipose Tissue On Body Fatness And Blood Glucose In Healthy Humans
Matsushita, M1; Yonehara, T1; Saito, M1; Teruhiko College, Japan; 'Hokkaido University, Japan

**TS 1.03.07**
Weight-loss Induced Glycemic Improvements Associated With APOA1/C3/A4AS Genetic Polymorphisms In Taiwanese Female Obese Patients.
HSU, M1; Chang, C1; Sun, H1; Lee, W1; Wu, C1; Young, K1 'Medical Laboratory Science Technology Research Institute, National Cheng Kung University, Taiwan; 'Department of Family Medicine, National Cheng Kung University Hospital, Taiwan; 'Department of Medical Laboratory Science and Biotechnology, National Cheng Kung University, Taiwan; 'Department of Family Medicine, National Cheng Kung University, Taiwan

**TS 1.06.07**
Invis Response To Exercise In Mice Long Term Selected For High Treadmill Performance
Albrecht, E*; Brenmoehl, H; Till, H; Blüher, M; Körner, A* University of Regensburg, Germany

**TS 1.06.08**
Identification Of Early Transcriptome-based Biomarkers Related To Lipid Metabolism In Peritoneal Mononuclear Cells Of Rats Nutritional Programming
2008-2010 Yang-Yuan, K1; Kang, J1; Lee, W1; Lee, C1; Korea University College of Medicine, Korea, Republic of 'Hallym University College of Medicine, Korea, Republic of 'Glaxo University College of Medicine, Korea, Republic of 'Hanyang University College of Medicine, Korea, Republic of 'Ume Medical Molecular Biology Institute, Universiti Kebangsaan Malaysia, Malaysia; 'Nutritional Sciences Programme, School Of Healthcare Sciences, Universiti Kebangsaan Malaysia, Malaysia

**TS 1.07.09**
Let7 MRNA As A Potential Mediator Of Insulin Resistance In Normal Weight Subjects
Lam, M1; Azzarelli, M; Al-Marzuki, S; Mohamed-AL V Anti Doping Lab Qatar, Qatar

**TS 1.07.10**
The Endocannabinoid System Participates In The Development Of Metabolic Alterations In Mice Overexpressing Neuropeptide Y In Noradrenergic Neurons And Sympathetic Nervous System
Vahitalo, L1; Ruhosni, S; Makali, S; Alainen, L1; Penttinen, A1; Stormi, T1; Piscitelli, F3; Savontaus, E1; Di Marzo, V1 'Department of Pharmacology, Drug Development And Therapeutics, University of Turku, Finland; 'Department Of Biostatistics, University Of Turku; Finland; 'Endocannabinoid Research Group, Consiglio Nazionale delle Ricerche, Pozzilli (AN), Italy

**TS 1.07.11**
Association Study Of Several Common Polymorphisms In KCNQ1 And PPARG With The Risk Of Type 2 Diabetes Mellitus In KCNQ1 And PPARG With The Risk Of Type 2 Diabetes Mellitus
T1:S6.08
Kebangsaan Malaysia, Malaysia; 2Nutritional Sciences Programme, School Of Medicine, Marshall University, USA

**TS 1.07.12**
Type 2 Diabetes And Renal Disease: New Animal Model: Brown Norway/Zucker Obese Rat
Weiden, C1 University of California, Davis, USA

**TS 1.07.13**
Association Between Single-nucleotide Polymorphisms (SNPs) Of Adiponectin (ADipoQ) Gene And Cardiometabolic Risk Factors In Overweight Hispanic Children
Teh, C1; Chong, P1; Chong, P1; Nural Adibah, N1; Nural Adibah, N1; Poh, B1; Poh, B1; Rahman, J1; Rahman, J1; Wan Zurinah, W1; Wu, W3; Young, K3 'Ume Medical Molecular Biology Institute, Universiti Kebangsaan Malaysia, Malaysia; 'Nutritional Sciences Programme, School Of Healthcare Sciences, Universiti Kebangsaan Malaysia, Malaysia; 'Endocannabinoid Research Group, Consiglio Nazionale delle Ricerche, Pozzilli (AN), Italy

**TS 1.07.14**
Genetic Test Feedback For Risk Of Weight Gain: Affection And Interaction With Environmental Factors
Lee, S1; Meisel, S; Beeken, R; van Jaarsveld, C; Wardle, J* UCL, United Kingdom

**TS 1.07.16**
The Association Of FTO SNP Rs9982926 With Weight Gain In The First Year Of University
Lee, S1; Beeken, R; van Jaarsveld, C; Wardle, J* UCL, United Kingdom

**TS 1.07.17**
Plasma And Adipose Tissue Lipoprotein (LPCs) In Obesity And Type 2 Diabetes Kudnova, T1; Uhrig, C1; Leibisch, G1; Balke, M1; Sbydkey, M; Baler, V1; Kölme, J1; Gasperkova, D1; Schmidt, O1; Voscekova, B1 'Institute Of Experimental Endocrinology, Slovak Academy Of Sciences, Bratislava, Slovakia; 'Institute For Clinical Chemistry And Laboratory Medicine, University Of Regensburg, Germany; 'Radiodiagnostic Clinic, University Hospital Bratislava, Slovakia

**TS 1.07.18**
Hyperinsulinemia Acutely Decreases Serum Retinal Binding Protein 4 Concentration In Lean And Obese Subjects
Straczkowski, M1; Nikolajuk, A1; Stefanowicz, M1; Straczkowski, M1; Karczewska-Kupczewska, M1; Medical University Of Bialystok, Poland; 'Institute Of Animal Reproduction And Food Research, Polish Academy Of Sciences, Poland

**TS 1.07.19**
Serum Osteoprotegerin Is Down-regulated After Circling Free Fatty Acids Elevation In Healthy Humans
Karczewska-Kupczewska, M1; Nikolajuk, A1; Matulewicz, N1; Stefanowicz, M1; Straczkowski, M1; Medical University Of Bialystok, Poland; 'Institute Of Animal Reproduction And Food Research, Polish Academy Of Sciences, Poland

**TS 1.07.20**
Association Of RETN Gene Variants With Soluble Levels Of Lipocalin-2 And Growth Differentiation Factor 15 Role Of Suppression And Interactive Effects
Tseng, M1; Hsu, H2; Wu, W3; Chou, C1; Juan, J5; Kõ Kurimoto, T1; Hsu, H2; Sun, H3; T2; Chang, C2; Suwanto, A2; Hu, H; Spearman, J1; 'Graduate Institute Of Medical Sciences, Department Of Biomedical Science, College Of Medicine, Taipei Medical University,; 2The First Cardiovascular Division, Department Of Internal Medicine, Chung Gung Memorial Hospital,; 3Department Of Life Science, Chinese Culture University; 4The Division Of Cardiology, Department Of Internal Medicine And Cardiovascular Medical CenterTaipei Tai Chi Hospital,; 5Graduate Institute Of Medical Sciences, Department Of Physiology, College Of Medicine, Taiwan Medical University,; 6Graduate Institute Of Medical Sciences, Department Of Pathology, College Of Medicine, Taipei Medical University

**TS 1.07.21**
Associations Between TRPV4 Polymorphisms And Body Mass Index In Taiwanese Subjects
Wu, H2; Department Of Life Science, Chinese Culture University, Taiwan

**TS 1.07.22**
Association Of Malanootrin-4 Receptor Gene Variants With Obesity In Malay Children
Nisan, N1; Poh, B; Chong, J1; Christial, T; Wan Napah, W; Jamal, B1; B; Karczewska-Kupczewska, M1; Medical University Of Bialystok, Poland; 'Institute Of Animal Reproduction And Food Research, Polish Academy Of Sciences, Poland

**TS 1.07.23**
Effect Of Brown Adipose Tissue On Fat Cell Dynamics In Obese Mice
Czesnuk, M1; Szymanska, K1; Senkowski, M1; Dybowski, R1; Malarz, J1; Szymanska, K1; Medical University Of Bialystok, Poland; 'Institute Of Animal Reproduction And Food Research, Polish Academy Of Sciences, Poland

**TS 1.07.24**
The First Year Of University
Jaarsveld, C; Wardle, J* UCL, United Kingdom
**TRACK 2: FROM GENES AND ENVIRONMENT TO PATHOPHYSIOLOGY**

T2:510.07

Anti-obesity Effects Of Cocoa Polyphenols In High-Fat Diet-induced Obesity Rats
Ali, P.; Ismail, A.; Esa, N.; Pai, C.
Universiti Putra Malaysia, Malaysia

T2:510.08

Association Of Pro12Ala Polymorphism In Peroxisome Proliferators-activated Receptor-gamma With Obesity Phenotypes Among The Malaysian Malays
Omar, M.; Teh, L.; Tedin, I.
University Teknologi MARA, Malaysia

**TRACK 3: FROM HEALTHY WEIGHT TO WEIGHT-RELATED PATHOLOGIES**

T3:515.05

Paracrine Retinoic Enzyme (PON1) Activity And Total Oxidative Stress Status In Nepalese Obese People
Subedi, B.*; Parajuli, S.; Thapa, S.; Nagla, A.
‘BP Koirala Institute of Health Science, Dharan, Nepal, Nepal; ‘Padma Nursing home F&L, Nepal, ‘Fews City Hospital, Nepal, ‘Gandaki Medical College, Nepal

T3:515.06

Levels Of Elastin Derived Peptides And Circulating Elastin-
Antelastin Immune Complexes In Sera Of Patients With Obesity And Essential Hypertension
Nikov, A.*; Tenikova, I.; Nicoloff, O.; Tenikova, I.; Blachey, A.
‘Internal Diseases, Medical University Pleven, Bulgaria, ‘Internal Diseases, Medical University Pleven, Bulgaria, ‘Gastroenterology, Medical University Pleven, Bulgaria

T3:515.07

Relative Contribution Of Obesity And Serum Adiponectin To The Development Of Hyperglycemia Jhung, D.*; Kim, K.
CHU University, Korea, Republic of

T3:515.08

Underreporting Of Energy Intake In Overweight And Diabetic Women
Wozniaczek, M.*; Bajerska, J.; Jesska, A.
‘Department of Human Nutrition and Hygiene, Poznan University of Life Sciences, Poland, ‘Department of Human Nutrition and Hygiene, University of Dietetics, Poznan University of Life Sciences, Poland

T3:515.09

Characteristics And Correlates Of Diabesity In India: A Secondary Data Analysis Of World Health Survey
Pati, S.*; Hussain, M.; Swan, S.
‘Indian Institute of Public Health Bhubaneswar, Public Health Foundation of India, ‘School of Population Health, Queensland University, Brisbane, Australia

T3:515.10

Epidemiologic Features Of Metabolic Syndrome In A General Mongolian Population Tsetsogtbaatar, E.*; Kintani, K.; Dimbatadzas, O.; Aoyama, A.; Tiubo, T.; Aw, A.; Joli Medical University, Turkey, ‘Health Sciences University Mongolia, Mongolia

T3:515.11


T3:515.12

Prevalence Of Insulin Resistance And Impaired Glucose Tolerance In Obese Greek Children And Adolescents Karosalou, P.; Kaloumenou, V.; Viachopoulos, D.; Fintou, A.; Michaelis, S.* ‘10 P & A Kyriakou’ Children’s Hospital, Endocrinology Department, Greece, ‘10 P & A Kyriakou’ Children’s Hospital, Microbiology Department, Greece

T3:515.13

Percent Body Fat Cut-Off Values For The Prediction Of Cardiovascular Risk Factors Clustering In Chinese School-
Aged Children Liu, A.*; Hu, X.; Dui, S.; Xu, H.; Xu, H.; Zhang, Q.; Ma, G.* ‘National Institute for Nutrition and Food Safety, China CDC, China; ‘National Institute of Nutrition and Food Safety, China CDC, China

T3:515.14

Waist Circumference Cut Off Points To Predict Obesity, Metabolic Syndrome And Cardiovascular Risk In Turkish Adults Ozsan, A.*; Bayram, F.; Barin, O.; Ozan, M.; Keys, A.; Gedik, V.* ‘Gulhane School of Medicine Department of Endocrinology and Metabolism, Turkey, ‘Erciyes University School of Medicine Department of Endocrinology and Metabolism, Turkey

T3:515.15

Biochemical Evaluation Of Wild Harvested And Bewaregning Honey On Obese Induced Rats Subhara Samet, S.*; Zulakha Badru Hashim, B.*; Nor Azni Md Nor, N.*; Muhammad Basir Mongundal, M.; Wan Iyani Wan Ismail, W.*; Fuza Nor Huasein, P.* ‘UPM-Puncak Alam, Selangor, Malaysia, ‘UPM, Serdang, Malaysia

T3:515.16

E403F: A Novel Protein Reproducibly Improves Glycemic Control In High-fat Fed Mice Farah, N.*; Muhammad Kamil, C.*; Henry, L.* ‘University Kebangsaan Malaysia, Malaysia, ‘Islamic International University, Malaysia, Malaysia

T3:515.17

Visceral Adiposity Index In Older Adults: Associations With Physical Functions And Cardiometabolic Risk Factors Murakami, M.*; Nakamura, N7; Fujiyoshi, F.; Ohkubo, O2; Ohkubo, O2; Kiyohara, K5; Nakagawa, N.; Nakamura, N.; Fujimoto, F.; Okamura, O.; Okuyama, O.; Somma, S.; Shiga University of Medical Sciences, Japan; ‘I.M. Sechenov First Moscow Medical University Pleven, Bulgaria; ‘Ankara University, Turkey; ‘Nigde University School of Medicine, Turkey; ‘Osaka Kyoritsu University, Japan; ‘National Institute of Health and Nutrition, Japan; ‘Kyushu University, Japan; ‘Kazazawa Medical University, Japan; ‘Jichi Medical University, Japan; ‘Keio University School of Medicine, Japan; ‘Anti-Tuberculosis Association, Japan

T3:515.19

Early Impairment Of 24h Blood Pressure Profiles And Cardiovascular Function In Obese Compared To Lean Children Körner, A.*; Schuermann, K.; Neel, M.; Berhold, A.; Vogel, M.; Kiew, W.; Erba, S.
University of Leipzig, Germany

T3:515.20

Obesity And Chronic Complications In Newly Diagnosed Patients Morosano, M.; Morosano, A.* ‘Emergency Clinical County Hospital Gai, Romania; ‘CMI Dr. Morosanu Magdalena, Galati, Romania

T3:515.21

The Imbalance Within Fat Component Of Students’ Diet As A Risk Factor Of Overweight, Obesity And Cardiovascular Disease Korelev, A.*; Minimbaev, T.; Nikitenko, E.; Denissova, E.; Timoshenko, K.
1M. Sedashin First Moscow State Medical University, Russian Federation

T3:515.22

AbscA2 Activation Prevents Lp(a) Induced Increases In Blood Pressure, Proteinuria During Pregnancy In Rats Ibrahim, H.*; Frosenning, G.; Omar, E.; Singh, H.
Faculty Of Medicine-UiTM, Malaysia

T3:515.23

Potential Biomarkers For Insulin Resistance And Atherosclerosis Among Type 2 Diabetes Mellitus Patients With Coronary Artery Disease Syed Ibaal Hj, S.*; Zaman Huri, H.; Vathikathan, V.; War Ahmad, W.
University Of Malaya, Malaysia

T3:515.24

Metabolically Healthy Obesity And The Risk Of Cardiovascular Disease Type 2 Diabetes: The Whitehall II Cohort Study Hinnouho, G.*; Czernichow, S1; Dubuisson, O; Hegde, V; Dubuisson, O; Vlachopapadopoulou, E1; Fotinou, A2; Michalacos, S1; I.M. Sechenov First Moscow Medical University, Russia; ‘St. Mary’s University of London, UK

**Knowledge Solutions Action**
Track 6 - From Home Environment to Society: Causes and Consequences

Track 7 - From Individual Choice to Population Prevention: Solutions and Interventions
A healthier food future: Developing effective sustainable food system interventions. Waterlander, M.; Ni Mhurchu, C. University of Auckland, New Zealand.

Predicted impact of health-related food taxes and subsidies on mortality from non-communicable disease in New Zealand. Ni Mhurchu, C1; Eyles, H2; Genc, M1; Scarborough, P1; Rayner, M1; Blakely, T1. 1University of Auckland; New Zealand; 2University of Otago, New Zealand; 3University of Oxford, United Kingdom.

Food systems’ healthiness, agro-biodiversity, sovereignty and equity: Impacts from big food domination. Gomes, F.A. National Cancer Institute of Brazil, Brazil.

Special action group on obesity: An intersectoral approach for Ireland. Devlin, J1; Department of Health, Ireland.

Obesity trends among Lebanese women (1997-2010). Yaghi, Y1; Yaghi, K2; Loufli, M1; Abdallah, A1. 1Beirut Arab University, Lebanon; 2Mentor Arabic, Lebanon; 3Abou Meir Charity Institution, Lebanon; 4Hammond Hospital-UHC, Lebanon.

Derivation and validation of simple anthropometric equations for predicting fat mass using MRI as reference method. Algindar, Y1; Hankey, C1; Govan, L1; Gallagher, D1; Heymsfield, S1; Lean, M1. 1University of Glasgow, United Kingdom; 2University of Columbia, USA; 3Pennington Biomedical Research Center, USA.

Evaluation of knowledge, attitudes, and skills of health and non-health professionals in paediatric weight management in Scotland. Hammed, S1; Hammed, S2; Glasgow University, United Kingdom.

Utility of waist to height ratio as an obesity index in short stature women. Choi, M1; Myung, J1; Han, Y1; Min, K1; Kwon, J1; Roh, Y1. Hyally University Medical Center, Korea, Republic of Korea.

Understanding the experience of waiting to have weight loss surgery: Impact and implications. Glenn, N1; University of Alberta, Canada.

Impact of a national knowledge translation and exchange platform for community-based obesity prevention. Waters, E1; Pattman, T1; Armstrong, R1; Allander, S1; Smith, E1; Love, P1; Romanza, A1; Gill, T1; Coverley, J1; Seburn, B1. 1School of Population and Global Health, University of Melbourne, Australia; 2WHO Collaborating Centre for Obesity Prevention, Deakin University, Australia; 3CO-OPS Collaboration, Population Health SRC, Deakin University, Australia; 4Stolen Institute of Obesity, Nutrition, Exercise and Eating Disorders, University of Sydney, Australia; 5School of Medicine, Flinders University, Australia; 6Nutrition and Global Health, University of Auckland, Australia.

Improved efficiency of group compared to individual care in obesity management. Franklin, J1; Manson, E1; Loughman, G6; Picone, T1; Markovic, T1; Australia, Australia; 2Metabolism and Obesity Services, Australia.

Community-based weight loss intervention: A pilot programme in Singaporean Malay housewives. Ng, L1; Tai, E; Tham, K1; Singapore General Hospital, Singapore.

Maternal and fetal outcomes among overweight and obese pregnant women. Abdallah, B5; Oulad, S1; Lim, A2; Rilai, T1. 1Faculty of Medicine, UTM, Malaysia; 2Hospital Sungai Buloh, Malaysia.

Effect of integrated obstetric and nutritional prenatal care on gestational weight gain (GWG) in obese gravidae. Goldshone, M1; Werner, E1; Henderson, J1; Johns Hopkins Bloomberg School of Public Health, USA; 2Women and Infants Hospital, Alpert Medical School at Brown University, USA; 3Johns Hopkins University, USA.

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 Feltz, P1; Campbell, K1; Ball, K1; Teychenne, M1; Hesketh, K1; Crawford, D1. 1Deakin University, Australia; 2Deakin University, Centre for Physical Activity & Nutrition Research, Australia; 3Deakin University, Centre for Physical Activity & Nutrition Research, Australia.

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### Thursday, 20th March / Scientific Programme Overview

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>07:45 - 09:00</td>
<td>Symposium Session: Sponsored by World Obesity Policy and Prevention (formerly iOTF) Update</td>
<td>Conference Hall 1</td>
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<tr>
<td>09:00 - 10:00</td>
<td>Plenary – Public Health Award</td>
<td>Conference Hall 2</td>
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<tr>
<td>10:00 - 10:30</td>
<td>Refreshment Break</td>
<td>Grand Ballroom</td>
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<tr>
<td>10:30 - 12:30</td>
<td><strong>Track 2:</strong> Session 7: Genes and biomarkers</td>
<td>Conference Hall 3</td>
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<td><strong>Track 3:</strong> Session 15: Transition to diabetes and CVD</td>
<td>Conference Hall 2</td>
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<td><strong>Track 4:</strong> Session 21: Psychology – eating disorders, depression, stress</td>
<td>Conference Hall 1</td>
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<td><strong>Track 5:</strong> Session 31: Getting policy changed</td>
<td>Plenary Theatre</td>
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<td><strong>Track 6:</strong> Session 37: Changing health services – delivering healthcare</td>
<td>Meeting Room 304 + 305</td>
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<tr>
<td>12:30 - 14:30</td>
<td>Lunch and Poster Session</td>
<td>Grand Ballroom</td>
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<tr>
<td>14:30 - 16:30</td>
<td><strong>Track 1:</strong> Session 6: Muscle and inter-organ crosstalk</td>
<td>Plenary Theatre</td>
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<td><strong>Track 2:</strong> Session 23: Sleep and chronobiology</td>
<td>Conference Hall 2</td>
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<td><strong>Track 3:</strong> Session 24: Physical activity and exercise type</td>
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<td><strong>Track 4:</strong> Session 33: Personalised vs population nutrition</td>
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<td><strong>Track 5:</strong> Session 37: Strategies and changing policy</td>
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<tr>
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<td>Breaking Plenary and Closing Session</td>
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### 07:45 - 09:00

**Symposium Session: Sponsored by World Obesity Policy and Prevention (formerly iOTF) Update**

**Plenary – Public Health Award**

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<th>Room: Conference Hall 2</th>
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<tr>
<td>10:30</td>
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<tr>
<td>T3.15.01</td>
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<tr>
<td>Epidemiology Of Diabetes And CVD In Obesity</td>
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<td>Room: Conference Hall 2</td>
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<td>11:00</td>
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<tr>
<td>T3.15.02</td>
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<tr>
<td>Obesity, Sleep Insufficiency And Cardiometabolic Risk</td>
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<td>Room: Conference Hall 2</td>
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<td>T3.15.03</td>
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<td>Risk Of Diabetes In Relation To Fat Distribution: The Asian Region Experience</td>
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<td>Room: Conference Hall 2</td>
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<td>12:00</td>
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<td>T3.15.04</td>
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<td>What Is The Rationale For Metabolically Healthy Obesity?</td>
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### 10:00 - 10:30

**Plenary – Public Health Award**

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<td>T4.12.01</td>
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<tr>
<td>Is Obesity An Eating Disorder?</td>
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<td>Room: Conference Hall 1</td>
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<td>T4.12.02</td>
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<td>Obesity And Depressive Disorders: Why Such High Comorbidity?</td>
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<td>Room: Conference Hall 1</td>
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<td>T4.12.03</td>
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<td>Metabolic And Hedonics Drives In The Neural Control Of Appetite: Who Is The Boss?</td>
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<td>Room: Conference Hall 1</td>
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<td>12:00</td>
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<tr>
<td>T4.12.04</td>
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<tr>
<td>Macronutrients, Weight Loss And Mood In Obesity Management</td>
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<td>Room: Conference Hall 1</td>
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THURSDAY 20TH MARCH / SCIENTIFIC PROGRAMME

14:30 - 16:15
T7.56: Muscle and inter-organ crosstalk
Room: Plenary Theatre
Chair(s): J. Eckel (GER)

14:30 T7.56.01
Interplay Between Adipokines And Hepatokines In Obesity-related Metabolic Complications
A. Xu
The University of Hong Kong, China

15:00 T7.56.02
Skeletal Muscle Secretory Profile Is Modulated In Obesity And Type 2 Diabetes: In Vitro Studies In Human Primary Skeletal Muscle Cells
B. Uropova, T. Kudrich, D. Maderova, M. Balaz, M. Vician1, J. Klimek1, D. Gasperova1, J. Umeton1
Institute of Experimental Endocrinology, Slovak Academy of Sciences, Slovakia; Slovak Medical University Bratislava, Slovakia

15:15 T7.56.03
GPR119 Regulates Pathways Of Skeletal And Cardiac Muscle Metabolism
L.M. Comal1, M.L. Matha1, D.H. Hryciw1, A.J. McIntosh2
1College of Health and Biomedicine, Victoria University, Australia; 2Department of Physiology, The University of Melbourne, Melbourne

15:30 T7.56.04
GPCRs For Fatty Acids Regulate Skeletal And Cardiac Muscle Metabolism: Therapeutic Potential For Obesity Treatment
J.S. Kyong1, R.L. Steiner1, T. Preza, E. Borodachev, M.M. Svebran1, R. V. Lord
1Vincenzo’s Centre for Applied Medical Research, Australia; 2Garvan Institute of Medical Research, Australia

15:45 T7.56.05
Blocking Cannabinoid Receptor 2 Increases Skeletal Muscle Citrate Synthase Activity
C. O’Keefe1, A.C. Simcocks1, K. Jenkin1, D.H. Hryciw1, M.L. Matha1, A. McIntosh2
1University of Auckland and Deakin University, Australia; 2University of Auckland, Auckland, New Zealand

16:00 T7.56.06
Paternal Obesity Impacts Skeletal Muscle Metabolism Of Male Offspring In A Muscle-type Specific Way
C.A. Maloney, V. Lacombe, N.A. Youngson, M.J. Morris
University of New South Wales, School of Medical Sciences, Australia

14:50 T7.52.02
Exercise And Physical Activity Type: Towards A Multi-dimensional Future
D. Thompson
University of Bath, United Kingdom

15:10 T7.52.03
Maternal Obesity: Exercise During Pregnancy Reduces Risk For Metabolic Disease In Adult Rat Offspring
M. Rayappu, P. Baner; M.J. Morris
UNSW, Australia

15:30 T7.52.04
Objectively Measured Physical Activity And Sedentary Behaviour Is Not Associated With Sex Or BMI In 2-year Old Children
E. Johansson; C. Marcou; A. El; M. Forsén; S. Svensson; H. Nacy; M. Hugosson
Karolinska Institut, Sweden

15:50 T7.52.05
Physical Activity Levels Among Children And Organized Sport Programs After-school, In Accordance With Their Body Mass Index
J. Ribeni; T. Oliveira; L. Fernandes; J. Mota; M. Santos; L. Alme; M. Costa; G. Silva
Research Centre in Physical Activity Health and Leisure, Faculty of Sport, University of Porto, Portugal

17:53:3 Strategies and changing policy
Room: Conference Hall 3
Chair(s): G. Gill (Aus)

14:30 T7.53.01
Personalised Vs Population Nutrition
M. Lathi-Kok2
Finnish Heart Association, Finland

15:00 T7.53.02
Understanding Community-based Obesity Prevention Initiatives For Population Prevention
T.L. Pettman1, E. Waters1, K. Bolton1, P. Lowe1, R. Armstrong1, S. Allen2, F. Smith2, J. Whelan1, J. Couvé1, T. Giff1, B.A. Seibren2
1School of Population and Global Health, University of Melbourne, Australia; 2WHO-Collaborating Centre for Obesity Prevention, Deakin University, Australia; 3CO-OPS Collaborators, Population Health SIR, Deakin University, Australia; 4School of Medicine, Flinders University, Australia; 5Boden Institute of Obesity, Nutrition, Exercise and Eating Disorders, University of Sydney, Australia; 6Nutrition and Global Health, University of Auckland, New Zealand

16:00 T7.53.03
Circadian Variation Of Gastric Vagal Afferent Satiety Signals Are Abolished By Diet Induced Obesity
P. Chaput1, C. Boulioud1, A. Tremblay2
1Faculté de Santé et de Service Social, Université du Québec à Montréal, Canada; 2Department of Physiology, The University of Ottawa, Ottawa, Canada

16:00 T7.53.04
Change In Sleep Duration And Visceral Fat Accumulation Over 6 Years In Adults
P. Chaput1, C. Boulioud1, A. Tremblay2
1Faculté de Santé et de Service Social, Université du Québec à Montréal, Canada; 2Department of Physiology, The University of Ottawa, Ottawa, Canada

16:00 T7.53.05
Circadian Variation Of Gastric Vagal Afferent Satiety Signals Are Abolished By Diet Induced Obesity
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1Faculté de Santé et de Service Social, Université du Québec à Montréal, Canada; 2Department of Physiology, The University of Ottawa, Ottawa, Canada

14:30 T7.52.03
Sleep And Chronobiology
M. Westerterp-Plantenga
Maastricht University, Netherlands

15:00 T7.52.04
Associations Between BMI, Obesity And Indices Of Sleep: Longitudinal And Cross-sectional Analyses In An Australian Community-based Cohort
A.D. Vincent1, G.A. Wittert2; P. Adame3; A. Vakul2
1University of Northampton, United Kingdom; 2University of South Australia, Adelaide, Australia; 3Department of Physiology, The University of Melbourne, Melbourne, Australia

15:15 T7.52.05
Correlates Of ‘morningness’ And Breakfast Frequency In A National UK Sample
J. Hulme1, S. Read2; Y. McMeel2; L.G. Halsey3
1University of Roehampton, United Kingdom; 2University of Leeds, United Kingdom

15:30 T7.52.06
A History Of Sleep Restriction Promotes Future Weight Gain And Insulin Resistance
E.M.C. de Oliveira1, B.V. Vannusaara2, S.S. Sandi2, L.M. Miljonic2; M.A. Andersen3; S.T. Tuohy4; R.F. Fidd2; J.C. Chaput1; A.C. Campa5
1University of São Paulo, Brazil; 2University of Auckland, Auckland, New Zealand; 3School of Human and Health Sciences, University of Western Australia, Australia; 4Research Centre, USA; 5Canadian Institutes of Health Research, Canada

15:45 T7.53.03
Change In Sleep Duration And Visceral Fat Accumulation Over 6 Years In Adults
P. Chaput1, C. Boulioud1, A. Tremblay2
1Faculté de Santé et de Service Social, Université du Québec à Montréal, Canada; 2Department of Physiology, The University of Ottawa, Ottawa, Canada

16:00 T7.52.07
Circadian Variation Of Gastric Vagal Afferent Satiety Signals Are Abolished By Diet Induced Obesity
P. Chaput1, C. Boulioud1, A. Tremblay2
1Faculté de Santé et de Service Social, Université du Québec à Montréal, Canada; 2Department of Physiology, The University of Ottawa, Ottawa, Canada

16:00 T7.52.08
Circadian Variation Of Gastric Vagal Afferent Satiety Signals Are Abolished By Diet Induced Obesity
P. Chaput1, C. Boulioud1, A. Tremblay2
1Faculté de Santé et de Service Social, Université du Québec à Montréal, Canada; 2Department of Physiology, The University of Ottawa, Ottawa, Canada

16:00 T7.52.09
Exercise type and physical activity
Room: Conference Hall 2
Chair(s): A. Mahenderan

14:30 T7.59.01
Geographic And Social Determinants Of Physical Activity
A. Bauman
Sydney University, Australia

14:30 T7.59.02
Personalised Vs Population Nutrition
M. Lathi-Kok2
Finnish Heart Association, Finland

15:00 T7.59.03
Understanding Community-based Obesity Prevention Initiatives For Population Prevention
T.L. Pettman1, E. Waters1, K. Bolton1, P. Lowe1, R. Armstrong1, S. Allen2, F. Smith2, J. Whelan1, J. Couvé1, T. Giff1, B.A. Seibren2
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<tr>
<td>15:15</td>
<td>How Can Evidence Based Obesity Prevention Interventions Be Translated For Scale-up And Implementation Across Populations? C. Lombard; C. Harrison; S. Kozica; N. Ng; H. Teede Monash University, Australia</td>
</tr>
<tr>
<td>15:30</td>
<td>Finding The Keys To Successful Public Health Campaigns Promoting Healthy Weight And Lifestyle To Adults: Quantitative Audience Testing Research H. Dixon; T. Cotter; M. Scully; S. Durkin; E. Brennan; E. Maloney; B. D’Havet; C. Rose; M. Wakefield Cancer Council Victoria, Australia; Victorian Comprehensive Cancer Centre, Australia; University of Pennsylvania, USA; University of Sydney, Australia</td>
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<td>15:45</td>
<td>Population-Based Evaluation Of The LiveLighter “Toxic Fat” Obesity Campaign B. Morley; P. Moore; H. Dixon; M. Wakefield; M. Seawright; M. Szybiak; T. Shilton; S. Pratt; T. Slevin Cancer Council Victoria, Australia; Heart Foundation Western Australia, Australia; Cancer Council Western Australia, Australia</td>
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<td>16:00</td>
<td>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 A. Ala’ Saleh University College London, United Kingdom</td>
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<td>Breaking Plenary and Closing Session Room: Conference Hall 2 Chair(s): Paul Trayhurn (UK)</td>
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<tr>
<td>16:45</td>
<td>Development Of A Small-molecule AdipoR Agonist For Type 2 Diabetes And Short Life In Obesity T. Yamashita University of Tokyo, Japan</td>
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**Get the latest obesity research from the International Journal of Obesity**

IJO is the leading obesity journal in the subject category of ‘Nutrition and Dietetics’ and provides a multi-disciplinary forum for research describing basic clinical and applied studies in biochemistry, physiology, genetics and nutrition, molecular, psychological and epidemiological aspects of obesity and related disorders. The journal also features a quarterly pediatric highlights issue.

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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

ToysBox 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/

SPOTLIGHT – effective health promotion approaches for preventing obesity

SPOTLIGHT aims to review the research in the area of obesity prevention with a focus on a 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/

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.

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

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.
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 Tomlinsen, 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
Reduced rates available until 11 August 2014!
Abstract submission: 13 June - 11 July 2014 | Poster communications welcome

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 18th 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 Benjumea, M.D., National Institute of Public Health, Cuernavaca, Mexico

We are pleased to welcome you on our H4H booth for more information.
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