



## ECO2012 Full Programme

### Scientific Tracks

**Track 1: Environment and Prevention**

**Track 2: Epidemiology and Intergenerational Aspects**

**Track 3: Integrated Biology and Inter Organ Crosstalk**

**Track 4: Genes, Molecular and Cellular Mechanisms**

**Track 5: Clinical Practice and Multi Disciplinary Management**

**CO : Childhood Obesity**

**T3/T4 Combined**

To use this document to the best, you need to know that the identification information are made up of several significant data. You can find the abstracts corresponding to each presentation in the abstract book. Please refer to the following legend.

Title of the session:  
*Track number: type of session - title of presentation*

1300 - 1400 Oral Sessions

1300 - 1400

T1:OS1 - Large Scale Interventions  
Chairs: MA Charles (France), F Rasmussen (Sweden)

1300 - 1315

115

The effect of obesity prevention and treatment strategies on the future population prevalence of diabetes among Australian adults

K Backholer (Australia)

*Number of the abstract in the abstract book*

*Main author or presenting author*

Time	Abstract number	Wednesday 9 May 2012	Room
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0930 - 1230	Workshops		
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0930 - 1230 Pre Congress Meetings  
See [www.easo.org/eco2012](http://www.easo.org/eco2012) for further information

1300 - 1400	Oral Sessions		
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1300 - 1400	<b>T1:OS1 - Large Scale Interventions</b> Chair: F Rasmussen (Sweden)	L'Ampithéâtre
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1300 - 1315	116 The effect of obesity prevention and treatment strategies on the future population prevalence of diabetes among australian adults	K Backholer (Australia)
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1315 - 1330	117 Development of an obesity prevention strategy for Austria	M Koller (Austria)
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1330 - 1345	118 Does scaling up a family-based community intervention for childhood overweight and obesity impact socio-economic inequalities in health?	J Fagg (UK)
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1345 - 1400	119 Low parental intention to exercise is associated with a higher impact of a physical activity program in adolescents: results from ICAPS, a 4-year multilevel randomized study	N Kellou (France)
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1300 - 1400	<b>SS:OS1 - Nutrition and Behaviour (Human)</b> Chairs: R Dalle Grave (Italy), W Saris (Netherlands)	Auditorium Lumière
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1300 - 1315	108 Increasing eating frequency: effects on appetite control and metabolism	X Alliot (France)
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1315 - 1330	109 Influence of fat and fat-free mass on homeostatic and hedonic control of appetite	G Finlayson (UK)
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1330 - 1345	110 Responses in appetite and eating behaviour to 16 weeks of energy restriction in obese males	N King (Australia)
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1345 - 1400	111 Behavioural and metabolic characterisation of obese men with weak satiety response	V Drapeau (Canada)
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1300 - 1400	<b>SS:OS2 - Obesity &amp; Reproductive Health</b> Chairs: E Aagaard (Denmark), M Pugeat (France)	Forum 1
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1300 - 1315	112 Neonatal over-nutrition has sexually dimorphic effects on body composition and serum insulin levels as early as 10 days of life	P Argente-Arizón (Spain)
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1315 - 1330	113 Comparing effects of diet- and exercise-induced weight loss on sexual function, urinary tract symptoms and quality of life in non-diabetic obese men with erectile dysfunction	J Khoo (Singapore)
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1330 - 1345	114 Restoring testosterone to normal levels in elderly men is efficacious in weight reduction. a follow-up study over 5 years.	F Saad (Germany)
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1345 - 1400	115 Weight loss improves reproductive outcomes for obese women undergoing assisted reproductive technology	K Sim (Australia)
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1300 - 1400	<b>CO:OS1 - Parental Influence on Obesity</b> Chairs: MA Charles (France), N Farpour-Lambert (Switzerland)	Forum 2
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1300 - 1315	104 Parent focused intervention impacts obesity risk behaviours in infants: results of the melbourne infant program cluster-randomised controlled trial	S Lioret (Australia)
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1315 - 1330	105 Family-based intervention prevents early adulthood obesity: 10-years follow up of the family check-up, a randomized controlled trial	P Nowicka (Sweden)
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1330 - 1345	106 Entering parents' bed during night and the risk of overweight among 2-6 year old children predisposed to overweight. results from the sund start study.	NJ Olsen (Denmark)
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1345 - 1400	107 Effectiveness of a home-based early intervention on children's bmi at age two years: randomised controlled trial	L Baur (Australia)
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1400 - 1530	EASO Task Force Workshop		
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1400 - 1530	<b>EASO Obesity Management Task Force (OMTF) Workshop</b> Chairs: V Yumuk (Turkey), M Maislos (Israel)	Auditorium Lumière
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**EASO Collaborating Centres for Obesity Management (COMs)**

1400 - 1410	EASO COMs: An Introduction	V Yumuk (Turkey)
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1410 - 1420	EASO COMs: Benefits of Membership	H Toplak (Austria)
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1420 - 1440	How to establish an Obesity Management Centre	J Wilding (UK)
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1440 - 1500	How to develop and conduct a clinical trial	N Finer (UK)
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1500 - 1520	Perspectives in the conservative treatment of obesity: Intensive lifestyle modification or novel antiobesity drugs?	V Hainer (Czech Republic)
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1520 - 1530	Discussion	
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Time	Abstract number	Wednesday 9 May 2012	Room
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1400 - 1530	EASO Task Force Workshop/Extreme Obesity Session		
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1400 - 1530	EASO Prevention and Public Health Task Force (PPHTF) Workshop Chairs: J Breda (Denmark). L Lissner (Sweden)	Forum 1
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**Nutrition, Physical Activity and Obesity Policies; Tools for Action**

1000	Challenges in the WHO European Region in the fight against obesity, from policy to action	C Bollars (Denmark), C Schweizer (Denmark)
1001	Overview of 71 European community based initiatives against childhood obesity between 2005 and 2011: general characteristics, reach and report effects	W Bemelmans (Netherlands)
1002	Modelling the future impact of Obesity trends and related diseases across Europe	T Marsh (UK)

1400 - 1530	Extreme Obesity Session Chair: L Busetto (Italy), M Fried (Czech Republic)	L'Ampithéâtre
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1400 - 1420	34	Genetics and extreme obesity	S Farooqi (UK)
1420 - 1440	35	Healthy obesity	E Bobbioni-Harsch (Switzerland)
1440 - 1500	36	Conservative (medical) treatment of severe obesity	A Sharma (Canada)
1500 - 1520	37	Surgical treatment of severe obesity	M Suter (Switzerland)

1400 - 1730	EASO Task Force Workshop		
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	EASO Childhood Obesity Task Force (COTF) developed Workshop Coming to the Table: Diverse Family-based Approaches for Addressing Childhood Obesity	Forum 2
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**Part I: Theoretical and Practical Underpinnings of Childhood Obesity Treatment Models**  
Chairs: R Weiss (Israel), H Thibault (France)

1400 - 1420	25	Parents, the Gatekeepers: Introduction to Family Therapy in Obesity	P Nowicka (Sweden)
1420 - 1440	26	Putting Parents in Charge: Practical Tips for Care Providers	N Farpour-Lambert (Switzerland)
1440 - 1500	27	A Chronic Care Treatment Model in a Multidisciplinary Paediatric Clinic: How to Keep the Family Involved?	J-C Holm (Denmark)
1500 - 1520	28	Prader Willi Syndrome: The Family's Role in Multidisciplinary Care	M Tauber (France)
1520 - 1540	29	Methodological and Ethical Challenges in Evaluations of Family-based Approaches	J Baker (Denmark)

1540 - 1550 **Coffee Break**

**Part II: Perspectives and Experiences from Across Europe**  
Chairs: J-C Holm (Denmark), M Tauber (France)

1550 - 1610	30	The WHO Childhood Obesity Surveillance Initiative (COSI) in Greece: Results from the Family Questionnaire	M Hassapidou (Greece)
1610 - 1630	31	Establishing a Family-based Outpatient Treatment: An Irish Experience	G O'Malley (Ireland)
1630 - 1650	32	A Child is not a Small Adult: Development of Pediatric Obesity Interventions in Italy	A Pietrobelli (Italy)
1650 - 1710	33	Foundations of Family-based Treatments: Perspectives from France	H Thibault (France)
1710 - 1725		Roundtable Discussion	Panel
1725 - 1730		Concluding Remarks: The European Perspective	R Weiss (Israel)

1530 - 1600	Coffee Break/Exhibition		
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1600 - 1730	Industry Supported Satellite Session		
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	International Sweeteners Association (ISA) Low calorie sweeteners - translating the science into practical recommendations Chair: J Halford (UK)	Forum 1
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1600 - 1610	Opening remarks	J Mennella (US)
1610 - 1630	Sweet taste and food behaviour	J Mennella (US)
1630 - 1650	Role of low calorie sweeteners in weight management	R Mattes (US)
1650 - 1710	Practical application of low calorie sweeteners in weight management	J-M Lecerf (France)
1710 - 1725	Discussion	
1725 - 1730	Closing remarks	

Time	Abstract number	Wednesday 9 May 2012	Room
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1600 - 1730	Basic Science Session		
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**Nutrition and Obesity**

Chairs: O Ziegler (France), C Dieguez (Spain)

**Auditorium Lumière**

1600 - 1620	100	Omega 3 and obesity	J Kopecky (Czech Republic)
1620 - 1640	101	Fatty acid and adiposity	R Nogueiras (Spain)
1640 - 1700	102	Diet, obesity and genes	W Saris (Netherlands)
1700 - 1720	103	Food characteristics in relation to appetite regulation	I Björck (Sweden)
1720 - 1730		Discussion	Panel

1730 - 1945	Plenary Session/Opening Ceremony		
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1730 - 1815      **Opening Plenary Lecture**  
Chair: J-M Oppert (France), M Laville (France)

**L'Ampithéâtre**

39 Future trends in clinical research and management

A Basdevant (France)

1815 - 1945      **Opening Ceremony**  
Chairs: J-M Oppert (France), M Laville (France)

**L'Ampithéâtre**

**EASO Young Investigator Awards**

Young Investigator Award in Basic Science  
Young Investigator Award in Clinical Research  
Young Investigator Award in Public Health

J Hoeks (Netherlands)  
V Catalan (Spain)  
C Llewellyn (UK)

1945 - 2130	Social Programme		
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1945 - 2130      **ECO2012 Welcome Reception**

Time	Abstract number	Thursday 10 May 2012	Room
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0800 - 0930	Special Breakfast Session		
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ILSI Europe  
Aspects of Energy Metabolism

Forum 2

0800 - 0815	Introduction to ILSI	S Vidry (Belgium)
0815 - 0840	Early origins of adipose tissue	M Symonds (UK)
0840 - 0905	Inflammation of adipose tissue	P Calder (UK)
0905 - 0930	Nutritional management of postprandial glycemia	W Russel (UK)

A light breakfast will be served.

0830 - 0915	Plenary Lecture		
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0830 - 0915	<b>T1:PL - Track 1 Plenary Lecture</b> Chairs: L Lissner (Sweden), M Kunesova (Czech Republic)	L'Ampithéâtre
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Economic evaluation of health policy in the primary prevention of obesity  
M Suhrcke (UK)

0930 - 1100	Review Sessions		
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**T5:RS2 - Psychological perspectives in obesity management**

Chairs: P Nowicka (Sweden), E Stice (US)

L'Ampithéâtre

0930 - 1000	69 Impact of obesity treatments on psychological functioning	R Dalle Grave (Italy)
1000 - 1030	70 Disordered Eating in Obesity: Cause or Consequence?	C Braet (Belgium)
1030 - 1045	71 Acceptance-based behavioral treatment for obesity: 6-month follow-up outcomes and moderators of effectiveness from a randomized clinical trial	M Butryn (US)
1045 - 1100	72 An examination of the relationship between mindfulness and weight loss in treatment-seeking obese adults	B Adam (Australia)

**T3:RS1 - Adipose tissue-driven insulin resistance**

Chairs: K Pietiläinen (Finland), H Hauner (Germany)

Auditorium Lumière

0930 - 1000	57 Metabolic insights learned from patients with lipodystrophy	D Savage (UK)
1000 - 1030	58 Characterisation of the early steps of adipose tissue development and expansion during weight gain	H Vidal (France)
1030 - 1045	59 Sustained improvement in insulin sensitivity despite moderate body weight regain: results of a three-year lifestyle intervention program	A-L Borel (France)
1045 - 1100	60 Heat shock protein 60 is an adipocytes derived mediator of insulin resistance	H Sell (Germany)

**T1:RS1 - Built and social environment as instruments for nudging behaviour**

Chair: C Simon (France)

Forum 1

0930 - 1000	46 How do social networks work in combating obesity as a form of substance dependence?	R Pretlow (US)
1000 - 1030	47 Built Environment	D Ogilvie (UK)
1030 - 1045	48 Spatial accessibility to food outlets, fruits and vegetables consumption and weight status in french adults	H Charreire (France)
1045 - 1100	49 The effect of the home environment on directly measured physical activity in young children: results from KAN-DO	T Ostbye (US)

**T2:RS1 - Micro and macro circulation and obesity**

Chairs: B Levy (France), J Jordan (Germany)

Forum 2

0930 - 1000	Do retinal vessels predict cardiovascular risk in the obese?	E Serné (Netherlands)
1000 - 1030	50 Microcirculatory dysfunction links obesity to hypertension and insulin resistance	C Stehouwer (Netherlands)
1030 - 1045	51 The effect of low-carb, mediterranean and low-fat diets on renal function; a 2-year dietary intervention randomized controlled trial (DIRECT)	I Shai (Israel)
1045 - 1100	52 The association between liver fat and carotid atherosclerosis	S Lear (Canada)

1100 - 1130	Coffee Break/Exhibition		
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Time	Abstract number	Thursday 10 May 2012	Room
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1130 - 1300	Association Session	
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EASD - BCA evaluation as a marker of risk in obese subjects  
Chairs: E Ferannini (Italy), C Thivolet (France)

L'Ampithéâtre

1130 - 1200	1	Studies with twins	K Pietiläinen (Finland)
1200 - 1230	2	Data on bariatric surgery	B Laferrère (US)
1230 - 1300		Metabolomic approach in the EGIR cohort	E Ferannini (Italy)

1130 - 1300	Oral Sessions	
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1130 - 1300 **T2:OS1 - Epidemiology in Childhood Obesity Prevention**  
Chairs: J Baker (Denmark), A Pietrobelli (Italy)

Auditorium Lumière

1130 - 1145	120	Trends in children's exposure to food and beverage marketing on television in Canada 2008-2011	M Potvin Kent (Canada)
1145 - 1200	121	Longitudinal analyses of indoor temperature and BMI in children; the PIAMA birth cohort study	M Bekkers (Netherlands)
1200 - 1215	122	Inherited behavioral susceptibility to adiposity in infancy: a multivariate genetic analysis of appetite and weight in the gemini birth cohort	C Llewellyn (UK)
1215 - 1230	123	Adiposity rebound is misclassified by BMI rebound	S Plachta-Danielzik (Germany)
1230 - 1245	124	The relationship between pubertal tempo and body fat - a 7 year longitudinal study	A Streeter (UK)
1245 - 1300	125	Growth pattern in early childhood among overweight versus non- overweight 8-9 years old in Norway. a prospective longitudinal study	R Hovengen (Norway)

1130 - 1300 **T2:OS2 - Longitudinal Perspectives**  
Chairs: L Lissner (Sweden), B Heitmann (Denmark)

Forum 1

1130 - 1145	126	Occupational sitting, obesity and mortality: a longitudinal analysis of the Norwegian HUNT 2 cohort	A Grunseit (Norway)
1145 - 1200	127	Sleeping habits predict the magnitude of fat loss in adults exposed to moderate caloric restriction	J-P Chaput (Canada)
1200 - 1215	128	Increasing genetic variance of body mass index during the Swedish obesity epidemic	B Rokholm (Denmark)
1215 - 1230	129	Two patterns of adipokine and other biomarker dynamics in a long term weight loss intervention	R Golan (Israel)
1230 - 1245	130	The impact of changing obesity-health outcome relationships over time on the association between obesity and healthy life expectancy	A Peeters (Australia)
1245 - 1300	131	Childhood body size and the risk of liver cancer in adulthood	J Baker (Denmark)

1130 - 1300 **T3/T4:OS1 - Adipose tissue, gut microbiota and inflammation**  
Chairs: J Kopecky (Czech Republic), D Micic (Serbia)

Forum 2

1130 - 1145	132	Role of endogenous endotoxin absorption and endotoxin receptors in metabolic inflammation associated	M-C Michalski (France)
1145 - 1200	133	Gut microbiota transplantation demonstrates its causal role in the development of Type 2 Diabetes and	T. Le Roy (France)
1200 - 1215	134	Relationship between the gut microbiota, diet, physical activity and obesity in children	L Bervoets (Belgium)
1215 - 1230	135	Adipose tissue foam cells in human obesity	A Rudich (Israel)
1230 - 1245	136	Implication of the inflammatory kinase TPL2 in the deleterious effects of cytokines and macrophages on	J-F Tanti (France)
1245 - 1300	137	Determining the role of skeletal muscle macrophages in Type 2 Diabetes	D Patsouris (France)

1300 - 1500	Lunch, Exhibition and Posters	
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Poster Sessions  
Childhood Obesity; T2; T3/T4:PS1-PS5, HT

1315 - 1445	Industry Supported Satellite Sessions	
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Roquette: Prebiotics, microbiota and obesity

Forum 1

1315 - 1330		Introduction	M Laville (France) T Visscher (Netherlands)
1330 - 1350		Intestinal track and metabolism	K Verbecke (Belgium)
1350 - 1410		Microbiota and prebiotics - Interactions and impact on host physiology	N Delzenne (Belgium)
1410 - 1430		Clinical approach, with a focus on prebiotics	M Romon (France)
1430 - 1445		Conclusions and questions	T Visscher (Netherlands)

Time	Abstract number	Thursday 10 May 2012	Room
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1315 - 1445	Industry Supported Satellite Sessions		
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Nestlé: Role of Nutrition in Obesity Prevention and Treatment

Forum 2

1315 - 1345	Impact of Early Nutrition on Short & Long-Term Health: A Nutrigenomics and Epigenetics Perspective	F Ruemmele (France)
1345 - 1415	Role of Family Meals in Obesity Prevention	A Drewnowski (US)
1415 - 1445	Role of Energy Density in Weight Loss Programs for Weight Loss and Weight Loss Maintenance	C Rock (US)

1500 - 1545	Plenary Lecture		
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1500 - 1545 **T2:PL - Track 2 Plenary Lecture**  
Chairs: F Pattou (France), B Laferrère (US)

L'Ampithéâtre

41 Epidemiologic evidence on the long term harms and benefits of bariatric surgery E Näslund (Sweden)

1600 - 1730	Association Session		
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IFSO-EC - Bariatric Surgery

Chairs: L Busetto (Italy), M Fried (Czech Republic)

L'Ampithéâtre

1600 - 1615	4	Structure of care in bariatric surgery: requirements for safe and effective management	J Melissas (Greece)
1615 - 1630	5	Structure of care in bariatric surgery: procedures specific requirements	L Lemmens (Belgium)
1630 - 1645	6	Exploring extreme indications: age, low BMI, chronic diseases	M De Luca (Italy)
1645 - 1700	7	Novel restrictive procedures	K Dolezalova (Czech Republic)
1700 - 1715	8	Novel derivative procedures	J W Greve (Netherlands)
1715 - 1730		Discussion	Panel

1600 - 1730	Review Sessions		
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**T2:RS2 - Maternal and paternal obesity, outcomes of pregnancy and risk of obesity in offspring**

Chairs: F Rasmussen (Sweden), D Mullerova (Czech Republic)

Auditorium Lumière

1600 - 1630	53	Obesity in pregnancy. Outcomes in the mother and child	E Aagaard Nøhr (Denmark)
1630 - 1700	54	Early maternal and paternal influences on the risk of obesity in offspring	M-A Charles (France)
1700 - 1715	55	Life course path analysis of pregnancy-related weight changes and long-term maternal obesity: a Danish cohort study	H Kirkegaard (Denmark)
1715 - 1730	56	Maternal physical activity during pregnancy and children's BMI at 7 years	C Schou Andersen (Denmark)

**T3:RS2 - Functional imaging**

Chairs: U Pagotto (Italy), K Virtanen (Finland)

Forum 1

1600 - 1630	61	CNS Imaging and obesity	U Pagotto (Italy)
1630 - 1700		Imaging of peripheral metabolic organs	P Nuutila (Finland)
1700 - 1715	63	Beta-adrenergic stimulation and brown adipose tissue activity in lean human adults	M Vosselman (Netherlands)
1715 - 1730	64	Biodistribution of acetate under different physiological conditions	M Sahuri Arisoylu (UK)

**T4:RS1 - Mitochondrial biogenesis as a target for obesity**

Chairs: E Blaak (Netherlands), F Villarroya (Spain)

Forum 2

1600 - 1630	65	Muscle and adipose tissue mitochondria in starvation and obesity	A Suomalainen (Finland)
1630 - 1700	66	Branched chain amino acid supplementation and mitochondrial biogenesis	E Nisoli (Italy)
1700 - 1715	67	T4:RS1.3 - Crosstalk between muscle and adipose tissue: potential involvement in muscle mitochondrial adaptations during high-fat feeding	B Morio (France)
1715 - 1730	68	T4:RS1.4 - SIRT3, a mitochondrial sirtuin controlling brown adipose thermogenic activation	F Villarroya (Spain)

Time	Abstract number	Thursday 10 May 2012	Room
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1730 - 1900	Industry Supported Satellite Sessions		
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**Weight Watchers**  
**Debating the Obesity Paradox**  
Moderator

Forum 1
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JM Borys (France)

Debating the Obesity Paradox: We are all striving to meet the challenges of the obesity epidemic, against a backdrop of economic crisis. Governments and healthcare systems vary widely, yet the paradox is universal. The critical need for effective obesity prevention and treatment services is growing, but at a rate not affordable to these systems. Is this a case of 'if we keep doing what we're doing, we are going to keep getting what we've got?' Is now the time to challenge traditional medical and payment models to find evidence based solutions that are effective, scalable and realistic in today's economy?

**Danone Hydration for Health**  
**Hydration Behaviors: A Key Factor for Nutritional Strategies**  
Chair: M Lafontan (France)

Forum 2
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Beverage consumption among European adolescents, the HELENA study  
Liquid intakes among the UK population, methodological aspects and nutritional consequences  
Assessing hydration: from science to practice  
Concluding remarks

L Moreno (Spain)  
J Gandy (UK)  
S Kavouras (Greece)  
M Lafontan (France)

1730 - 2030	Special Session		
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**EASO Young Investigators United (supported by Cambridge Weight Plan)**

Salle Prestige Gratte-Ciel
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1730 - 1740	Welcome and Introductions	YIU Board
1740 - 1755	YIU Best Thesis Award Presentation 1	F Kiefer (Austria)
1755 - 1810	YIU Best Thesis Award Presentation 2	S Timmers (Netherlands)
1810 - 1840	The role of bariatric surgery in metabolic disease: underlying mechanisms, pros and cons	L Busetto (Italy)
1840 - 1910	Workshop by the Editor-in-Chief of <i>Obesity Facts</i> : Preparing and publishing a world class scientific paper	J Hebebrand (Germany)
1910 - 1915	Evidence Based Obesity Management	A R Leeds (UK)
1915 - 1920	Announcement of YIU Best Thesis Award winner	
1920 - 2030	YIU Social Event	

Time	Abstract number	Friday 11 May 2012	Room
<b>0800 - 0930 Special Breakfast Session</b>			
	Fonds Français pour l'Alimentation et la Santé		<b>Forum 2</b>
	Changing behaviour: representation, practice and context. The case of obesity		S Lahlou ( UK) I Urdapilleta (France)
	A light breakfast will be served.		
<b>0830 - 0915 Plenary Lecture</b>			
0830 - 0915	<b>T3:PL - Track 3 Plenary Lecture</b> Chair: G Frühbeck(Spain), C Thivolet (France)		<b>L'Ampithéâtre</b>
42	GLP1: from bench to patients		JJ Holst (Denmark)
<b>0930 - 1100 Association Session</b>			
	ESH - Obesity and Hypertension Chairs: J Jordan (Germany), V Hainer (Czech Republic)		<b>L'Ampithéâtre</b>
0930 - 1000	Applying The 5As Framework To Obesity Management		A sharma (Canada)
1000 - 1030	Evaluating CV safety of drugs		N Finer (UK)
1030 - 1100	Overview on recent changes in the treatment of hypertensive patients with arterial hypertension		J Jordan (Germany)
<b>0930 - 1100 Review Sessions</b>			
	<b>T5:RS1 - Preventing weight regain</b> Chairs: G Roman (Romania), Y Schutz (Switzerland)		<b>Auditorium Lumière</b>
0930 - 1000	85 Weight regain in lifestyle modification		A Golay (Switzerland)
1000 - 1030	87 Preventing weight regain: A pharmacological target		M Rosenbaum (US)
1030 - 1100	Weight regain after bariatric surgery in adults and adolescents		C Marcus (Sweden)
	<b>T1:RS2 - How can we really improve behaviour and make obesity interventions more effective?</b> Chairs: J Breda (Denmark), T Visscher (NL)		<b>Forum 1</b>
0930 - 1000	Using qualitative data to improve health behavioral interventions		J-P Poulain (France)
1000 - 1030	74 Improving the design of population- and family-based interventions to prevent and control obesity		T Robinson (US)
1030 - 1045	75 The role of community readiness in reducing the risk of overweight and obesity in a UK community of pre-adolescent girls		J Kesten (UK)
1045 - 1100	76 Labels as possible nudges for 8-11yr old children to choose and consume vegetables in school restaurants		A Giboreau (France)
	<b>T3:RS3 - Liver driven metabolic complications</b> Chairs: G Goossens (Netherlands), A Karagiannis (Greece)		<b>Forum 2</b>
0930 - 1000	77 Liver, bile salts and insulin sensitivity		F Kuipers (Netherlands)
1000 - 1030	NAFLD and obesity		L van Gaal (Belgium)
1030 - 1045	79 Structural and inflammatory heterogeneity in subcutaneous adipose tissue: relation with liver histopathology in morbid obesity		J Tordjman (France)
1045 - 1100	80 The independent effect of exercise on the metabolic and histological features of non-alcoholic fatty liver disease		I Hickman (Australia)
<b>1100 - 1130 Coffee Break/Exhibition</b>			
<b>1130 - 1300 Special Session</b>			
	EASO/WHO Regional Office for Europe: COSI Workshop Chair: T Visscher (Netherlands)		<b>Auditorium Lumière</b>
1003	WHO European Childhood Obesity Surveillance Initiative: Inter-country results from the first 12 WHO member states		T Wijnhoven (Denmark)
1004	Trends in prevalence of childhood overweight and obesity: COSI PORTUGAL 2008 and 2010		A Rito (Portugal)
1005	Trends in childhood overweight and obesity in Western Sweden		L Moraeus (Sweden)
1006	The WHO Childhood Obesity Surveillance Initiative (COSI) in Greece Engagement in Future		M Hassapidou (Greece) J Breda (Denmark)

Time	Abstract number	Friday 11 May 2012	Room
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1130 - 1300	Oral Sessions		
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1130 - 1300	<b>T5:OS1 - New Pharmacological and Surgical Approaches</b> Chairs: L van Gaal (Belgium), F Pattou (France)	L'Ampithéâtre
1130 - 1145	150 Weight loss (wl) by degree of comorbidity in subjects receiving controlled-release phentermine/topiramate (phen/tpm cr) as assessed by the edmonton obesity staging system (eoss)	S Rössner (Sweden)
1145 - 1200	151 Non-surgically induced intentional weight loss does reduce cardiovascular outcomes and mortality - results from scout.	I Caterson (Australia)
1200 - 1215	152 Additional measures to evaluate the effect of liraglutide 3.0 mg on weight loss in obese adults without diabetes: a randomised placebo-controlled trial	N Finer (UK)
1215 - 1230	153 Gastric plication treatment in obese type 2 diabetic patients - two year follow up results of this novel bariatric procedure.	M Fried (Czech Republic)
1230 - 1245	154 Evidence of metabolic adaptation 2 months after gastrectomy in obese individuals	L Redman (US)
1245 - 1300	155 Alcohol abuse after bariatric surgery in the swedish obese subjects (sos) study	P-A Svensson (Sweden)

1130 - 1300	<b>T1:OS2 - Social and Physical Determinants</b> Chairs: L Baur (Australia), C Simon (France)	Forum 1
1130 - 1145	138 Double jeopardy for childhood obesity: early childhood risk factors and lack of perception in socially disadvantaged areas	G Naughton (Australia)
1145 - 1200	139 Immediate and long-term change in well-being amongst participants in a four-month pedometer-based workplace health program	R Freak-Poli (Australia)
1200 - 1215	140 Socioeconomic disparities in trajectories of overweight in infancy and early childhood	C Schmidt Morgen (Denmark)
1215 - 1230	141 Exploring the links between perceptions of built and social neighborhood environments and sex-specific childhood obesity in Portuguese school children	H Nogueira (Portugal)
1230 - 1245	142 Attachment as predictor of eating pathology and weight gain in preadolescent boys and girls	L Goossens (Belgium)
1245 - 1300	143 Japanese study of visceral adiposity and lifestyle information: utilization and evaluation	N Sakane (Japan)

1130 - 1300	<b>T3/T4:OS2 - Mechanism of insulin resistance</b> Chairs: H Aron Wisniewsky (France), J Rieusset (France)	Forum 2
1130 - 1145	144 Role of CB1 located in the ventromedial nucleus of the hypothalamus in energy and glucose homeostasis	P Cardinal (France)
1145 - 1200	145 Insulin sensitivity is associated with activation of brain reward circuits in overweight hispanic girls: a pilot study	T Adam (Netherlands)
1200 - 1215	146 Reduced C5L2 protein expression is associated with elevated skeletal muscle lipid accumulation and insulin resistance	S Paglialunga (Netherlands)
1215 - 1230	147 Different skeletal muscle fatty acid handling in subjects with impaired fasting glucose and impaired glucose tolerance	E Blaak (Netherlands)
1230 - 1245	148 Implication of lipid droplet proteins in the development of hepatic steatosis and insulin resistance	K Minehira Castelli (Switzerland)
1245 - 1300	149 High fat diet-induced adipose tissue fibrosis is dependent on toll-like receptor 4 in mice	I Vila (France)

1300 - 1500	Lunch, Exhibition and Posters		
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Poster Sessions  
**T1; T3/T4:PS6-PS9, T5**

1315 - 1445	Industry Supported Satellite Sessions		
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	EASO/Industry Session - Beyond BMI: Supported by Bodystat, GE Healthcare and Tanita Chairs: G Frühbeck (Spain), V Yumuk (Turkey)	Auditorium Lumière
1315 - 1330	<b>Beyond BMI: Body Composition Analysis in Obesity</b> Clinical usefulness of body adiposity determination	J Gómez-Ambrosi (Spain)
1330 - 1345	Looking at the other side of the coin: relevance of fat free mass in energy homeostasis	A Dulloo (Switzerland)
1345 - 1400	Bodystat - BIA and the Illness Marker: a predictor of outcome?	L Whitehead (UK)
1400 - 1415	GE Healthcare, Lunar - Cardio-Metabolic Phenotyping with DXA CoreScan	D Ergun (US)
1415 - 1430	Tanita - Fat mass Vs Fat free mass: from childhood to adulthood	A Pietrobelli (Italy)
1430 - 1445	Discussion and Conclusion	Panel

Time	Abstract number	Friday 11 May 2012	Room
<b>1315 - 1445 Industry Supported Satellite Sessions</b>			
	Danone Research: Recent advances investigating the dietary macro environment and the gut microbiota Chair: K Clément (France)		Forum 1
1315 - 1320	Introduction		
1320 - 1340	Dietary patterns, bioclinical phenotypes and gut metagenomics in obesity		K Clément (France), B Holmes (France)
1340 - 1400	The gut microbiota and energy balance in relation to obesity		H Flint (UK)
1400 - 1420	The impact of diet in shaping the gut microbiota in children		P Lionetti (Italy)
1420 - 1445	Panel discussion and conclusion		
<b>1330 - 1430 Lunchtime Workshop</b>			
	Lunchtime Workshop: EASO Childhood Obesity Task Force Chairs: P Nowicka (Sweden), R Weiss (Israel)		Forum 2
38	How to involve and motivate parents - the exclusive agents of change Attendance limited to 100 delegates maximum. Entry on a first come, first served basis.		M Golan (Israel)
<b>1500 - 1545 Plenary Lecture</b>			
1500 - 1545	<b>T4:PL - Plenary Lecture</b> Chair: D Langin (France), E Nisoli (Italy)		L'Ampithéâtre
43	Uncovering the mechanisms of the homeostatic control of energy intake		JM Friedman (US)
<b>1600 - 1730 Association Sessions</b>			
	<b>ESPEN - Sarcopenic Obesity</b> Chairs: Y Boirie (France), E Lefai (France)		L'Ampithéâtre
1600 - 1630	19 Definition of sarcopenic obesity: too much fat or not enough muscle?		M Zamboni (Italy)
1630 - 1700	20 Lipotoxicity induces muscle anabolic resistance in elderly		S Walrand (France)
1700 - 1730	21 Functional consequences of sarcopenic obesity on mobility		M Visser (Netherlands)
	<b>EAS - Atherosclerosis and Obesity</b> Chairs: S Charriere (France), M Krempf (France)		Auditorium Lumière
1600 - 1630	Perturbation of lipid metabolism and profile in Obesity: relevance to Cardiovascular Disease		J Chapman (France)
1630 - 1700	HDL and obesity: new insights		A von Eckardstein (Switzerland)
1700 - 1730	oxidative stress in metabolic syndrome: impact on lipoprotein-platelet interactions		P Moulin (France)
<b>1600 - 1730 Review Session</b>			
	<b>T3:RS4 - Sleep and circadian rhythm</b> Chairs: E Disse (France), Y Le Marchand-Brustel (France)		Forum 1
1600 - 1630	81 Sleep and metabolism: implications for obesity		K Spiegel (France)
1630 - 1700	82 Circadian rhythm and metabolism: implications for obesity		O Froy (Israel)
1700 - 1715	83 Effects of circadian misalignment, i.e. a phase advance and a phase delay, of the 24h cycle on sleep, energy expenditure, appetite and related hormones		H Gonnissen (Netherlands)
1715 - 1730	84 Weight cycling affects adipose tissue genes involved in circadian rhythm and lipid metabolism		S Dankel (Norway)
<b>1600 - 1730 Special Session</b>			
	<b>EASO Nordic Session: Cutting-edge obesity research from the Nordic countries</b> Chairs: F Rasmussen (Sweden) and K Pietiläinen (Finland)		Forum 2
1600 - 1617	13 The New Nordic Diet as a healthy, highly palatable and sustainable dietary approach - the OPUS experience		T Meinert Larsen (Denmark)
1618 - 1635	15 Novel candidate obesity genes in human adipose tissue		S Dankel (Norway)
1636 - 1653	12 Brown fat in humans		K Virtanen (Finland)
1654 - 1711	14 Strategies that reduce weight regain after very low calorie diet: systematic review and meta-analysis		E Hemmingsson (Sweden)
1712 - 1729	Panel Discussion		

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1730 - 1900	Industry Supported Satellite Session		
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EASO/Industry Session - Formula Diets: Supported by Cambridge Weight Plan, EuroDiets, LighterLife and PronoKal

Chairs: S Jebb (UK), H Toplak (Austria)

Forum 1
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**Formula Diets: An Effective Tool for the Management of Overweight/Obese Patients**

1730 - 1740	Introduction: What is a Formula Diet?	H Toplak (Austria)
1740 - 1755	In what settings is a Formula Diet an appropriate treatment option?	O Ziegler (France)
1755 - 1810	Satiety Enhancing Products for Appetite Control: Science and Regulation of Functional Foods for Weight Management	J Halford (UK)
1810 - 1820	Treatment Options - Cambridge Weight Plan: The Copenhagen Cartilage and Osteoarthritis trial (CarOt): effective weight loss and maintenance in elderly obese people with knee osteoarthritis	A R Leeds (UK)
1820 - 1830	Treatment Options - Eurodiet: The Eurodiet Method: integrating psycho-behavioral and educational dimensions in the medical management of obesity	D Perin Calvao (France)
1830 - 1840	Treatment Options - LighterLife: VLCD isn't enough	I Broom (UK), B Hewlett (UK)
1840 - 1850	Treatment Options - PronoKal: A New Approach in the Management of Obesity	D Saavedra (Spain)
1850 - 1900	Discussion and Conclusions	Panel

**Novo Nordisk**

**Digesting the research: the role of gut hormones in regulating appetite and obesity**

Chair: X Pi-Sunyer (US)

Forum 2
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1730 - 1740	Introduction and objectives	X Pi-Sunyer (US)
1740 - 1800	Gut peptides and food intake regulation	T Moran (US)
1800 - 1820	Stomach peptides and their effect on food intake	E Näslund (Sweden)
1820 - 1840	Incretins, diabetes and the gut	B Laferrère (US)
1840 - 1855	Question and answer session	Panel
1855 - 1900	Summary and close	X Pi-Sunyer (US)

2000 - 2300	Social Programme		
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2000 - 2330	Congress Gala Dinner La Chapelle de la Trinité
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Time	Abstract number	Saturday 12 May 2012	Room
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0830 - 0915	Plenary Lecture		
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0830 - 0915	General Plenary Lecture Chair: A Rissanen (Finland)		L'Ampithéâtre
44	Standing up for sedentary behaviour in obesity research		P Katzmarzyk (US)

0930 - 1100	Oral Sessions		
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0930 - 1100	<b>T2:OS3 - Body Composition, metabolic syndrome and related prospective outcomes</b> Chairs: T IA Sørensen (Denmark), S Czernichow (France)		L'Ampithéâtre
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0930 - 0945	156 Effect of age on loss and regain of lean body mass in Type 2 Diabetes: four-year results from the LOOK AHEAD DXA substudy	G Bray (US)
0945 - 1000	157 Energy density and 3-year obesity incidence in Epic-Spain: influence of misreporting in prospective studies	M Mendez (US)
1000 - 1015	158 Waist-to-height ratio is a better screening tool than waist circumference or BMI for adult cardiometabolic risk factors: systematic review and meta-analysis: "keep your waist circumference to less than half your height".	M Ashwell (UK)
1015 - 1030	159 Weight loss and subsequent mortality - is the association influenced by the underlying metabolic profile?	E Zimmermann (Denmark)
1030 - 1045	160 Weight change and change in health-related quality of life in the Doetinchem cohort study	I Milder (Netherlands)
1045 - 1100	161 Components of the metabolic syndrome in men and women with an apparently "healthy waist" are nevertheless associated with increased visceral adiposity: results from Inspire Me IAA	J-A Nazare (Canada)

0930 - 1100	<b>T5:OS2 - Behaviour, physical activity and nutrition</b> Chairs: J Blundell (UK), L Penicaud (France)		Auditorium Lumière
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0930 - 0945	174 Change of fatty acid composition of adipose triglycerides after low calorie diet and weight maintenance - diogenes project	M Kunesova (Czech Republic)
0945 - 1000	175 Breakfast containing egg proteins induces greater satiety compared to a breakfast with lower protein quality	N Dhurandhar (US)
1000 - 1015	176 Psycho-education reduces gestational weight gain in obese pregnant women: randomized controlled trial	A Bogaerts (Belgium)
1015 - 1030	177 Severely obese children, but not severely obese adolescents, respond to behavioral	P Danielsson (Sweden)
1030 - 1045	178 Is the energy cost of exercise training reduced after a diet-plus-exercise weight loss intervention?	N Byrne (Australia)
1045 - 1100	179 Dropout during commercial weight loss: observational cohort study with register linkage	E Hemmingsson (Sweden)

0930 - 1100	<b>T3/T4: OS3 - Ectopic fat and inter-organ crosstalk</b> Chairs: D Carvalho (Portugal), D Ehrlich (France)		Forum 1
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0930 - 0945	161 Fatty acid binding protein 4 independently predicts left ventricular mass and longitudinal contractility in obese women	S Engeli (Germany)
0945 - 1000	162 Epicardial adipose tissue: inducer of myocardial remodelling?	V Guglielmi (France)
1000 - 1015	163 Defect in subcutaneous adipose tissue may contribute to visceral fat accumulation in healthy men during a 2-month high-fat overfeeding	M Alligier (France)
1015 - 1030	164 Impact of metabolic stress on adipose tissue, muscle and liver of wild type and immunodeficient RAG2 (-/-) mice	Alexia Zakaroff-Girard (France)
1030 - 1045	165 New antithrombotic function of apelin preserved in metabolic syndrome.	G Siegfried (France)
1045 - 1100	166 Effects of bariatric surgery on cardiac ectopic fat	B Gaborit (France)

0930 - 1100	<b>T3/T4:OS4 - Adipobiology</b> Chair: R Vettor (Italy)		Forum 2
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0930 - 0945	168 Metabolic programming of sirt1 expression by moderate caloric restriction during gestation in rats may be related with obesity susceptibility in later life	M Palou (Spain)
0945 - 1000	169 Retinaldehyde dehydrogenase 1 is a novel regulator of brown fat function in white adipose tissue	F Kiefer (US)
1000 - 1015	170 Regulation of g0/g1 switch gene 2 (G0S2) expression in human adipose tissue	S Engeli (Germany)
1015 - 1030	171 Characterization of human myocyte and adipocyte progenitor cells from obese muscle	V Bourlier (France)
1030 - 1045	172 Adipocyte-derived fibroblasts contribute to the desmoplastic reaction in breast cancer: a new link between breast cancer and obesity?	C Lehuédé (France)
1045 - 1100	173 High density array (snps/cnvs) in genetic diagnosis of syndromic morbid obesity: characterization of new alterations	R Rodríguez-López (Spain)

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1100 - 1130	Coffee Break/Exhibition		
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1130 - 1300	Association Session		
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IAGG European Region - Obesity in the elderly: an emerging clinical problem  
Chairs: P Ritz (France), C Tsigos (Greece)

Forum 1

24 Adiposity, metabolism and dementia

D Gustafson (Sweden)

23 Benefit/risk ratio in losing weight in obese elderly subjects

P Ritz (France)

22 Nutritional assessment and rehabilitation in the obese elderly patient

ML Donini (Italy)

1130 - 1300	Review Sessions		
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**T2:RS3 - Does excessive consumption of high fat food really matter?**

L'Ampithéâtre

Chair: G Bray (US), J Delarue (France)

1130 - 1200 88 Epidemiologic studies of dietary intake

A Sánchez-Villegas (Spain)

1200 - 1230 78 Interventions with lipid supplements

B Hammer Bech (Denmark)

1230 - 1245 90 Effects of dietary counseling on dietary habits and nutrient intakes of Finnish pregnant women at increased risk for gestational diabetes? A cluster-randomized controlled trial

T Kinnunen (Finland)

1245 - 1300 91 Dairy product intake is associated with the risk of obesity and abdominal obesity in middle-aged Koreans

H Shin (South Korea)

**T5:RS3 - New ways of testing novel treatment approaches**

Auditorium Lumière

Chairs: Dimitrios Kiortsis (Greece), Jason Halford (UK)

1130 - 1200 96 Energy expenditure and appetite control; a new perspective

J Blundell (UK)

1200 - 1230 97 Responsivity of reward, gustatory, somatosensory, and inhibitory regions to food predicts future overeating: Novel intervention targets

E Stice (US)

1230 - 1245 98 New noninvasive staging of liver fibrosis for morbid obesity: feasibility of the new adapted exam of Fibroscan®.

M Abdennour (France)

1245 - 1300 99 Randomised controlled trial of the effect of n-3 fatty acid ethyl esters (Omacor) supplementation on arterial compliance in obese subjects on a weight loss diet

A Wong (Australia)

**T4:RS2 - Obesomics and biomarkers**

Forum 2

Chairs: D Langin (France), H Vidal (France)

1130 - 1200 92 Metabolomic foot-prints predict obesity-related complications?

M Oresic (Finland)

1200 - 1230 93 Is there a need for metagenomic assessment of human gut microbiome?

D Ehrlich (France)

1230 - 1245 94 Metabolicmine: a free web resource of integrated data & tools to support research into common metabolic diseases.

R Lyne (UK)

1245 - 1300 95 Genetic predisposition to an adverse lipid profile modifies the improvement in total cholesterol in response to weight-loss

C Walker (UK)

1315 - 1430	Plenary Session		
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1315 - 1400 **T5:PL - Track 5 Plenary Lecture**

Auditorium Lumière

Chairs: B Guy-Grand (France), J Wilding (UK)

Pharmacologic Management of obesity: efficacy versus safety

A Astrup (Denmark)

K Dunder (Sweden)

1400 - 1430 Closing Ceremony and Abstract/Poster Award Ceremony

Auditorium Lumière

Chairs: G Frühbeck (Spain), M Laville (France)