



“Moving Towards Health”



19th European Childhood Obesity Group Meeting



September 17th – 19th 2009, Dublin, Ireland



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Invitation



Prof. Hilary Hoey



Ms. Grace O'Malley

Dear Colleagues and Friends,

It is a pleasure to offer you Céad Míle Fáilte (a hundred thousand welcomes) to Dublin for the 19th Workshop of The European Childhood Obesity Group (ECOG). We are delighted to welcome delegates from five continents, hailing from 41 countries. It is our pleasure to have all of you here offering your latest research and expert opinion relating to the field of childhood obesity. The meeting will focus on the main theme: 'Moving Towards Health' in order to develop a synergistic approach to optimizing the development of healthy eating habits and physical activity in children. In addition, the meeting will highlight the recent advances made relating to the prevention and treatment of childhood obesity.

It is our honour to welcome Uachtaráin na H'Eireann (President of Ireland) Mary McAleese to open the meeting officially. We hope that you will enjoy the workshops, lectures, oral presentations and poster presentations and encourage you to interact with your fellow delegates so that you can get the most possible out of your experience in Dublin. Ireland is well known for its 'craic agus ceoil' (fun and music) and the social programme of the 2009 workshop will no doubt offer delegates an opportunity to sample some our cultural and historic delights.

Scientific Committee

Caroli Margherita (*Italy*)

Flynn Mary (*Republic of Ireland*)

Frelut Marie-Laure (*France*)

Hannon-Fletcher Mary (*Northern Ireland*)

Hoey Hilary (*Republic of Ireland*)

Hussey Juliette (*Republic of Ireland*)

Lobstein Tim (*UK*)

Mazur Artur (*Poland*)

Molnár Denes (*Hungary*)

Moreno Luis (*Spain*)

O'Malley Grace (*Republic of Ireland*)

Rolland-Cachera Marie Françoise (*France*)

Schutz Yves (*Switzerland*)

Vazeou Andriani (*Greece*)

Wardle Jane (*UK*)

Organising Committee

Mary Hannon-Fletcher

Hilary Hoey *President*

Juliette Hussey

Sabina Jarochowicz

Grace O'Malley *Chair*

Programme at a Glance

Start	End	Thursday 17th September 2009	
8.00	8.30	Registration	
8.30	8.45	Opening Address	
8.45	10.00	Workshop: A1	Workshop: B1
10.00	10.20	Coffee Break	
10.20	11.00	Opening Ceremony	
11.00	11.20	Honorary Lecture	
11.30	12.25	Official Opening Address from The President of Ireland	
12.25	13.30	Workshop: A2	Workshop: B2
13.30	14.30	Lunch	
14.30	15.45	Workshop: A3	Workshop: B3
15.45	16.30	Coffee Break & Poster Session 1	
16.30	17.45	Workshop: A4	Workshop: B4

Start	End	Friday 18th September 2009	
8.30	10.30	Workshop C	
10.30	11.00	Coffee Break & Poster Session 2	
11.00	13.00	Workshop D	
13.00	14.00	Lunch and Commercial Exhibition (Registration for Conference Only)	
14.00	15.30	Plenary 1 – Obesity in special populations	
15.30	16.00	Coffee Break, Poster Session 3, Commercial Exhibition	
16.00	17.50	Plenary 2 –Co-morbidities associated with childhood obesity	
18.00	19.00	ECOG AGM	

Start	End	Saturday 19th September 2009	
9.00	11.00	Plenary 3 – Treatment	
11.00	11.30	Coffee Break & Poster Session 3	
11.30	12.00	Workshop Synopsis	
12.00	13.15	Plenary 4 - Genetics	
13.15	14.15	Lunch and Commercial Exhibition	
14.15	16.05	Plenary 5 – Prevention Strategies	
16.05	16.35	Coffee Break and Commercial Exhibition	
16.35	18.05	Plenary 6 –Policy and Legislation	
18.05	18.30	Bonduelle Award	

Programme

Thursday September 17th

08³⁰-08⁴⁵ Opening Address: *H. Hoey (Ireland) & M. Caroli (Italy)*

Workshops A and B in parallel

08⁴⁵-10⁰⁰
08⁴⁵-09³⁰

WORKSHOP A1: PHYSICAL ACTIVITY

*R. Malina (USA) Determinants of Physical Activity Level.
Rapporteur: G. O'Malley (Ireland)*

09³⁰-9⁴⁰

ORAL PRESENTATIONS

OP1: Association between the unhealthy habits of physical activity and nourishment of children and parents of Pontevedra schools. JLG Soidan (Spain)

OP2: Influence of the closest environment (home, school) on the energy imbalance in Polish school children P Matusik, E Knysak, B Kalanska, B Hrabanska, K Furczyk, K Skiba, K Kmiecik, E Malecka-Tendera (Poland)

09⁴⁰-10⁰⁰

Discussion

10⁰⁰-10²⁰

COFFEE BREAK

10²⁰-10⁴⁰

Opening ceremony:

M. Caroli, ECOG President

H. Hoey President ECOG09 Organising Committee

J. Hegarty Provost, University of Dublin, Trinity College

D. Coakley, Professor of Medicine, Trinity College & St James's Hospital

G. O'Malley Chairman ECOG09 Organising Committee

10⁴⁰-11⁰⁰

J. Waligóra (Poland) The role of the EU in the prevention and treatment of childhood obesity

11⁰⁰-11²⁰

Honorary lecture: *E. Poskitt (UK)* The Evolution of Childhood Obesity

11³⁰-12¹⁵

**PRESIDENTIAL ADDRESS BY
PRESIDENT OF IRELAND MARY MCALEESE**

12¹⁵-12²⁵

Break

12²⁵-13³⁰
12²⁵-13⁰⁰

WORKSHOP A2: PHYSICAL ACTIVITY

U. Ekelund (UK)

Impact of PA on physiological systems: Associations between

physical activity, sedentary behavior and cardio-metabolic health.
Rapporteur: *S. Mc Creddin (Ireland)*

13⁰⁰-13¹⁰ ORAL PRESENTATIONS
OP3: Relations between cardiorespiratory fitness and lipid profile among Portuguese adolescents C Moreira, R Santos, S Vale, L Miranda, J Mota (Portugal)

13¹⁰-13³⁰ Discussion

13³⁰-14³⁰ LUNCH

14³⁰-15⁴⁵ **WORKSHOP A3: PHYSICAL ACTIVITY**
14³⁰-15¹⁵ *J. Hussey (Ireland)*
Physical Activity Level: What are we trying to measure?
Rapporteur: S Jarochowicz (UK)

15¹⁵-15²⁰ ORAL PRESENTATIONS
OP4: The validity of the Intelligent Device for Energy Expenditure and Activity (IDEEA) in the measurement of energy expenditure during treadmill-walking and running in adults S Mc Creddin, J Hussey (Ireland)

15²⁰-15⁴⁰ Discussion

15⁴⁵-16³⁰ COFFEE BREAK & POSTERS
Chaired Poster Session #1A
Exercise, physical activity and energy expenditure in children with obesity
Chair: R. Malina, PP1-PP7

16³⁰-17⁴⁵ **WORKSHOP A4: PHYSICAL ACTIVITY**
16³⁰-17¹⁰ *L. Middelbeek (WHO, Denmark)*
World Health Organisation strategies to increase active living and reduce sedentary behaviour
Rapporteur: C. O'Donovan (Ireland)

17¹⁰-17²⁰ ORAL PRESENTATIONS
OP5: PERISCOPE PROJECT: Physical activity and play in kindergarten children E Malecka-Tendera, M Caroli, S Epifani, G Losacco, S Larsen, P Matusik, BE Mikkelsen (Poland/Denmark)
OP6: The effect of 6-weeks active video game on body mass index and physical activity during school recess MJ Duncan, V Staples (U.K)

17²⁰-17⁴⁵ Discussion

19³⁰-21³⁰ Social Programme

Programme

Thursday September 17th

08³⁰-08⁴⁵ Opening Address: *H. Hoey (Ireland) & M. Caroli (Italy)*

Workshops A and B in parallel

08⁴⁵-10⁰⁰ **WORKSHOP B1: DEVELOPMENT OF EATING HABITS**
08⁴⁵-9³⁰ *M. Caroli (Italy)* Determinants of Appetite and Taste: From in-utero to infancy.

Tutored Case Study

Rapporteur: M. Hannon-Fletcher (Northern Ireland)

09³⁰-10⁰⁰ Discussion

10⁰⁰-10²⁰ **COFFEE BREAK**

10²⁰-10⁴⁰ Opening ceremony:
M. Caroli, ECOG President
H. Hoey President ECOG09 Organising Committee
J. Hegarty Provost, University of Dublin, Trinity College
D. Coakley, Professor of Medicine, Trinity College & St James's Hospital
G. O'Malley Chairman ECOG09 Organising Committee

10⁴⁰-11⁰⁰ *J. Waligóra (Poland)* The role of the EU in the prevention and treatment of childhood obesity

11⁰⁰-11²⁰ **Honorary lecture:** *E. Poskitt (UK)* The Evolution of Childhood Obesity

11³⁰ -12¹⁵ **PRESIDENTIAL ADDRESS BY
PRESIDENT OF IRELAND MARY MCALEESE**

12¹⁵ -12²⁵ Break

12²⁵-13³⁰ **WORKSHOP B2: DEVELOPMENT OF EATING HABITS**
12²⁵-13⁰⁰ *H. Croker (UK)*

The practical Aspects of Healthy Eating

Tutored Case Study

Rapporteur: A. Vania (Italy)

13⁰⁰-13⁰⁵ ORAL PRESENTATIONS
OP7: The role of craving for abnormal eating and addiction in obese children *E Ardel-Gattinger, A van Egmond-Fröhlich, M Meindl, S Ring-Dimitriou, D Weghuber (Austria)*

13⁰⁵-13³⁰ Discussion

13³⁰-14³⁰ LUNCH

14³⁰-15⁴⁵ WORKSHOP B3: DEVELOPMENT OF EATING HABITS

14³⁰-15¹⁵

B. Livingston (Northern Ireland)

Assessing food intake and eating behaviour

Rapporteur: K. Sheehan (Ireland)

15¹⁵-15²⁰ ORAL PRESENTATION

OP8: Portion sizes of starchy foods for children: the challenge for energy intake control. GP Faulkner, SJ Burke, CM O'Brien, VM Ross, M Flynn (Ireland)

15²⁰-15⁴⁵ Discussion

15⁴⁵-16³⁰ COFFEE BREAK & POSTERS

Chaired Poster Session #1B

Nutrition and Metabolism

Chair: E. Roche PP8-PP18

16³⁰-17⁴⁵ WORKSHOP B4: DEVELOPMENT OF EATING HABITS

16³⁰-17⁰⁰

M. Flynn (Ireland)

17⁰⁰-17³⁰

Strategies to promote healthy eating

CF. Lowe (Wales), M. Maloney (Ireland)

The Food Dudes programme: The development of a healthy eating programme for national schools in Ireland

Rapporteur: A. Sheils

17³⁰-17³⁵ ORAL PRESENTATION

OP9: The weekly menu of "Tastehealthy snacks" to improve primary school children's eating habits M Cammisa, M Cardone, S Epifani, G Losacco, M Caroli (Italy)

17³⁷-17⁵⁰ Discussion

19³⁰-21³⁰ Social Programme

Programme

Friday September 18th

- 08³⁰-10³⁰** **WORKSHOP C: GROWTH MONITORING**
Chairs: M. Caroli (Italy) & M. Flynn (Ireland)
- 08³⁰-08⁵⁰** M. de Onis (WHO, Switzerland)
Determining obesity risk status in the general childhood populations: Using standard recommendations.
- 08⁵⁰-09¹⁰** H. Hoey (Ireland) The use of growth references for school-aged children and adolescents.
- 09¹⁰-09³⁰** T. Visscher (Netherlands) The value of body mass index in adolescents
- 09³⁰-09⁵⁰** Discussion
- 09⁵⁰-10²⁰** **ORAL PRESENTATIONS**
OP10: Prevalence of overweight and obesity in 5 to 6 year old school children in the Canton of Geneva E Jeannot, P Mahler, O Duperrex, C.A. Wyler (Switzerland)
OP11: Secular trends of school children overweight and obesity in South-East Poland from 1998 to 2008 A Mazur, E Malecka-Tendera, K Klimek (Poland)
OP12: The accuracy of body mass index in the assessment of obesity MI Martins Mourão Carvalho, C Padez, P Moreira, V Rosado, SC Fonseca, EM Rocha Teles de Castro Coelho (Portugal)
OP13: Prevalence of obesity in preschool children in Northern Greece M Hassapidou, SK Papadopoulou, TH Tzotzas (Greece)
OP14: Does calibration of scales and height boards influence the accuracy of estimated prevalence of overweight and obesity in a population-based survey? AM Biehl, J Meisjord, E-K Groholt, R Hovengen (Norway)
OP15: Prevalence of overweight and obesity: Associated factors in Bahraini school children NM Gharib, P Rasheed (Bahrain/KSA)
- 10²⁰-10³⁰** Discussion
- 10³⁰-11⁰⁰** **COFFEE BREAK & POSTERS**
Chaired Poster Session #2
Risk Factors for Obesity and Prevention
(Chair: ML Frelut PP19-PP28)
- 11⁰⁰-13⁰⁰** **WORKSHOP D: MOTIVATING CHANGE**
Chairs: E. Malecka-Tendera (Poland), & J. Hussey (Ireland)

11⁰⁰-11³⁰ P. Nowicka (Sweden)
Strategies that motivate children and their families to take positive action: empowering self efficacy and change.

11³⁰-12¹⁵ R. Pretlow (USA) What's really causing the childhood obesity epidemic? What Kids Say.

12¹⁵-12²⁵ ORAL PRESENTATIONS
OP16: Children's reports on causes of obesity, changes needed and their attempts to loose weight S Neves, A Santos, N Mundim, T Quinta e Lucas Araújo (Brazil)
OP17: Primary care practitioners' attitudes and practices on childhood obesity diagnosis and treatment. A Mazur, P Matusik, K Revert, S Nyankovskyy, P Socha, E Malecka-Tendera, M Caroli (Poland/France/Ukraine/Italy)

12²⁵-13⁰⁰ Discussion

13⁰⁰-14⁰⁰ LUNCH AND COMMERCIAL EXHIBITION

13³⁰-14⁰⁰ Registration for Conference Only

14⁰⁰-15³⁰ **PLENARY 1: OBESITY IN SPECIAL POPULATIONS**
Chairs: A. Vazeou (Greece), M. Hannon-Fletcher (Northern Ireland)

14⁰⁰-14³⁰ G O'Malley (Ireland) Facilitating physical activity in children with movement impairment

14³⁰-14⁴⁵ ORAL PRESENTATIONS
OP18: Weight gain associated with Risperidone use in children and adolescents G Massa, K Swysen (Belgium)
OP19: The relationship between body composition, activity and fitness in children with Down Syndrome. N Shields, J. Hussey, J Murphy, J Gormley, H Hoey (Ireland/Australia)
OP20: A Comprehensive Study of Irish Children with Prader Willi Syndrome aged 2 to 14 Years J. Meehan, H. Hoey (Ireland)

14⁴⁵-15³⁰ Discussion

15³⁰-16⁰⁰ **COFFEE BREAK, COMMERCIAL EXHIBITION & POSTERS**
Chaired Poster Session #3
Physical and psychological co-morbidities of obesity
Chairs: L. Moreno and W Burniat, PP29-PP45

16⁰⁰-17⁵⁰ **PLENARY 2: CO-MORBIDITIES ASSOCIATED WITH CHILDHOOD OBESITY**

Chairs: R. Malina (USA), H. Hoey (Ireland)
16⁰⁰-16²⁰ E. Malecka-Tendera (Poland) The metabolic syndrome. What really should be done?

- 16²⁰-16⁴⁰ *A. Mazur (Poland)* Epicardial fat tissue as a marker of metabolic status in children and youth.
- 16⁴⁰-17⁰⁰ *M.L.Frelut (France)* Sleep Loss, Weight Gain
- 17⁰⁰-17²⁵ **ORAL PRESENTATIONS**
OP21: Frequency of sleep disordered breathing in a population of obese children and adolescents attending a multidisciplinary weight management clinic. C Foley, F McElligott, J Lyons, P Grealley, HMCV Hoey, EF Roche (Ireland)
OP22: Breastfeeding and risk of insulin resistance in later life among young patients with obesity. A Starodubova, G Storozhakov, O Kisliak, D Sargaeva, A Kopelev, S Kosyura, A Surkov, E Pavlovskaya (Russia)
OP23: Non-alcoholic fatty liver disease in obese children: high prevalence of fibrosis AG Surkov, EV Pavlovskaya, SV Morozov, TV Strokova, AI Zubovich, NA Ageeva (Russia)
OP24: Biomechanical analysis of gait pattern in obese and non obese children MA Cunha, MP Cunha, JS Mota, JP Vilas-Boas, FM Sousa (Portugal)
OP25: Childhood obesity is associated with increased incidence of negative appendectomy. B. Kutasy, G. Dass, P. Puri (Ireland)
- 17²⁵-17⁵⁰ Discussion
- 17⁵⁰-19⁰⁰ ECOG AGM
- 19³⁰-23³⁰ Social Programme**

Programme

Saturday September 19th

- 09⁰⁰-11⁰⁰** **PLENARY 3: TREATMENT: THE CHALLENGES AND COST OF EFFECTIVE INTERVENTION**
Chairs: *L. Moreno (Spain), S. Jarochovicz (UK)*
- 09⁰⁰-09²⁰ *E. van Mil (The Netherlands)* The business case in the treatment of childhood obesity
- 09²⁰-09⁴⁰ *E. Roche (Ireland)* Hospital based Management: An Irish Perspective
- 09⁴⁰-10⁰⁰ *H. Thibault (France)* Prevention and treatment of childhood obesity in the Aquitaine region of France
- 10⁰⁰-10²⁰ *A. Vania (Italy)* Family-based therapy
- 10²⁰-10³⁵ Discussion
- 10³⁵-10⁵⁰ **ORAL PRESENTATIONS**
OP26: BAROS-CA: Barriers and conservative intervention analysis and reporting outcome system for children/adolescents. Weghuber, K Miller, E Ardelt-Gattinger, M Meindl, S Ring-Dimitriou (Austria)
OP27:Effect of weight reduction on non-alcoholic fatty liver disease (NSFLD) in children: results of a Dutch tertiary weight reduction program. O. H. van der Baan-Slootweg, BGP Koot, TH Pels Rijcken, PLM Jansen, MA Benninga (The Netherlands)
OP28:Setting up evidence-based treatment for childhood obesity at the Children's Medical Centre in Iceland.T Gunnarsdottir, AS Olafsdottir, U Njardvik, R Bjarnason (Iceland)
- 10⁵⁰-11⁰⁰ Discussion
- 11⁰⁰-11³⁰** **COFFEE BREAK & POSTERS**
Chaired Poster Session #4
Management of Obesity
Chair *E. Poskitt PP46-PP51*
- 11³⁰-12⁰⁰ *R. Malina (USA), M. Hannon-Fletcher (Ireland)* Getting the balance right: A synopsis of workshop sessions
- 12⁰⁰-13³⁰** **PLENARY 4: GENETICS**
Chairs: *M.L. Frelut (France) & E. Roche (Ireland)*
- 12⁰⁰-12²⁰ *S. O'Rahilly (UK)* Insights into childhood obesity and related metabolic disorders from human genetics
- 12²⁰-12³⁵ Discussion

- 12³⁵-12⁵⁵ Oral Presentations
OP29: Reduced palmitate oxidation rate and increased triglycerides storage associated to four novel mutants of UCP3 protein in severe childhood obesity C.V. Musa, A. Mancini, A. Alfieri, G. Labruna, G. Valerio, A. Franzese, F. Pasanisi, M.R. Licenziati, L. Sacchetti and P. Buono (Italy)
OP30: Methylentetrahydrofolate reductase 677 C-T polymorphism, birth weight and insulin resistance in obese adolescents ML Frelut, N Emery Fillon, JC Guillard, G Potier de Courcy (France)
OP31: Variants in the FTO gene are associated with obesity in Spanish children CM Aguilera, J Olza, M Gil-Campos, R Leis, M Valle, R Tojo, R Canete, A Gil (Spain)
OP32: Affect of gene-polymorphisms on energy expenditure in obese children J Répásy, S Bokor, K Csernus, É Erhardt, D Molnár (Hungary)
- 12⁵⁵-13¹⁵ Discussion
- 13¹⁵-14¹⁵ LUNCH AND COMMERCIAL EXHIBITION**
- 14¹⁵-16⁰⁵ PLENARY 5: PREVENTION STRATEGIES**
 Chairs: *M.de Onis (Switzerland)*, *M. Hannon Fletcher (Northern Ireland)*
- 14¹⁵-14³⁵ *T Wilkin (UK) Preventing obesity and metabolic disease: Pointers from the Earlybird study*
- 14³⁵-14⁵⁵ *A Hebestreit (Germany) Relations between dietary behaviours and obesity in European children: Results from IDEFICS.*
- 14⁵⁵-15¹⁵ *L. Moreno (Spain) Healthy Eating Initiatives: Securing food quality during a time of economic uncertainty.*
- 15¹⁵-15³⁵ Discussion
- 15³⁵-15⁵⁰ Oral Presentations
OP33: Altered glucose metabolism, low physical activity and poor diet quality in pregnant overweight women compared to normal weight women – the STEPS study J Leppälä, H Niinikoski, A Kaljonen, H Lagström (Finland)
OP34: Affordability of healthy eating for low income families with children V.Ross (Ireland)
OP35: Preliminary results of the Streetwise Healthy Lifestyles Programme in overweight and obese children A Sheils, A Savage, G O'Malley (Ireland)
- 15⁵⁰-16⁰⁵ Discussion
- 16⁰⁵-16³⁵ COFFEE BREAK & COMMERCIAL EXHIBITION**

16³⁵-18⁰⁵

PLENARY 6: POLICY AND LEGISLATION

Chairs: *W. Burniat (Belgium), A. Vania (Italy)*

16³⁵-17⁰⁵

T. Lobstein (UK) Self Regulation or legislation?-that is the question

17⁰⁵-18⁰⁵

Round table discussion:

"Thinking outside the box to facilitate change"

Chair: *T. Lobstein (UK)*

Expert Panel: *M. Flynn (Ireland- Food Safety Authority of Ireland)*

R Malina (USA – University of Texas at Austin/Tarleton State University)

E. Poskitt (UK – Oxford Brookes University)

C. Faenza (Italy – Italian Cooperative)

J.Waligóra (Luxembourg - European Commission)

N. Mullen (Ireland – Journalist, Irish Medical Times)

M. Lordon Dunphy (Ireland – Chairman, The Obesity Taskforce)

E. Roche (Ireland – Consultant Paediatric Endocrinologist)

M. Caroli (Italy – President of ECOG; Department of Prevention, ASL Brindisi)

18⁰⁵-18³⁰

Bonduelle Award & Closing Ceremony.

19³⁰-23³⁰

Social Programme

Poster Presentations

POSTER SESSION # 1A
Thursday 17th September 15.45-16.30
Chair: R. Malina (USA)

Exercise, physical activity and energy expenditure in children with obesity

PP1 Parent-child relationship of physical activity patterns and overweight in Vigo, Spain AG Fernández (*Spain*)

PP2 The exercise program for obesity children of PMR department, in HSA, Oporto, Portugal RS Figueiral, L Palhau (*Portugal*)

PP3 EUROFIT test results in overweight children E Gajewska, M Sobieska, G Kalmus, W Samborski (*Poland*)

PP4 Annual follow-up of children and adolescents in southern Italy for the evaluation of weight and physical activity at three time points. A Spagnolo, P Strisciunglio, E Menghetti (*Italy*)

PP5 Differences between self-reported vs objectively measured weight and height, by cardio-respiratory level, in Azorean girls R Santos, S Vale, L Miranda, C Moreira, AI Marques, P Moreira, J Mota (*Portugal*)

PP6 Physical performance, physical activity, and body mass index in Italian adolescents M Morano, D Colella, M Caroli (*Italy*)

PP7 Physical activity and body composition in Italian adolescents L Di Renzo, A Bianchi, P Tavilla, L Tiberi, A De Lorenzo (*Italy*)

PP50 Physical Performance and academic achievement in normal-weight , overweight and obese preadolescents. D Colella, M Caroli, M Morano. (*Italy*)

PP51 Could CBEQ child's version be a useful tool to assess eating disorders in normal-weight and overweight children? S. Epifani, G. Losacco, M. Cardone, G. Baglio, M. Caroli. (*Italy*)

POSTER SESSION # 1B
Thursday 17th September 15.45-16.30
Nutrition and metabolism
Chair: E. Roche (Ireland)

PP8 Childhood obesity and iron metabolism J Galhardo, G Veiga, C Martins (*Portugal*)

PP9 Evaluating adequacy of child nutrition using the new WHO growth standards M Paulová, J Vignerová, J Riedlová (*Czech Republic*)

PP10 The resting metabolic status in children with obesity EV Pavlovskaya, AG

- Surkov, AR Bogdanov, TV Strokova, AI Zubovich, NA Ageeva (*Russia*)
- PP11** Relationship between homocysteine and BMI in type 1 diabetes M Hannon-Fletcher (*Northern Ireland*)
- PP12** Differences in food and nutrient intake between Turkish obese children living in Belgium and innate Belgian obese children W Achten, J Vrijssen, A Vanoppen, G Massa (*Belgium*)
- PP13** Caries prevalence, body composition, and dietary habits in Italian children and adolescents L Di Renzo, A Bianchi, A De Lorenzo (*Italy*)
- PP14** Fruit availability in Portuguese high schools in two consecutive academic years L Miranda, AI Marques, PC Santos, R Santos, S Vale, J Mota (*Portugal*)
- PP15** Validation of CBEQ in Italy and possible use of the child version M Caroli, S Epifani, G Losacco, M Cardone, G Baglio (*Italy*)
- PP16** Pilot study in eating behaviour assessment of children practising and not practising sport D Meleleo, D Accettura, G Baglio, S Epifani, G Losacco, M Caroli (*Italy*)
- PP17** The Children's Eating Behaviour Questionnaire: relationship with body mass index in Dutch children aged 6-12 K Pieterse, J Oosterlaan, H Delemarre, L van den Berg (*The Netherlands*)

POSTER SESSION # 2
Friday 18th September 11.00-11.30
Risk factors for obesity, prevention of obesity
Chair: ML. Frelut (France)

- PP18** Usefulness of an intervention school-based program for the prevention of obesity and overweight in children. Incardia study JJ Diaz, F Alvarez, I Riaño, D Perez-Solis, JI Suarez-Tomas, ME Suarez (*Spain*)
- PP19** An island of Ireland campaign to tackle childhood obesity- "Little steps go a long way" M Faughnan (*Ireland*)
- PP20** Sedentary behaviour as the risk factor of obesity at school aged children I Bialokoz-Kalinowska, J Zapolska, J Piotrowska-Jastrzebska (*Poland*)
- PP21** School-based interdisciplinary intervention to reduce childhood obesity SC Fernades Fonseca (*Portugal*)
- PP22** Preschools - An important arena for health promotion and obesity prevention in socio-economic deprived areas M Wikland, A Friedl (*Sweden*)
- PP23** Birth weight, cardio-respiratory fitness and body mass index in adolescent girls S Vale, R Santos, L Miranda, C Moreira, AI Marques, J Mota (*Portugal*)
- PP24** In Form: Campaign against child and adolescent obesity (2009-2011) V O'Brien (*England*)
- PP25** "Target snack" in children and teenagers: a project of the Piedmont Region in Italy TD Spagnoli, D Lo Bartolo, L Bioletti, S Santolli, R Berruti, M Croce, P Maimone, M Caputo, R Magliola, M Audenino, L Cesari (*Italy*)

PP26 Is C-reactive protein a reliable test for suspected appendicitis in extremely obese children? B. Kutasy, G. Laxmanadass, P. Puri (*Ireland*)

PP27 Comparison of Portuguese prevalence of childhood overweight and obesity using WHO Child Growth Standards, CDC 2000 Growth Charts, IOTF criteria and NCHS growth charts. A. Rito (*Portugal*)

PP52 The prevalence of overweight, obesity and insufficient weight among 7-8 years old Lithuanian children. E. Albaviciute (*Lithuania*)

POSTER SESSION # 3

Friday 18th September 16.00-16.30

Physical and psychological co-morbidities of obesity

Chairs: **L. Moreno & W. Burniat**

PP28 Childhood obesity from a psychodynamic's point of view: experience on self-esteem and self-perception in adolescent patients RR Colombo, F Uboldi, L Galluzzi, A Angrisano, R Giachino (*Italy*)

PP29 Body image and preclinical eating disorders in adiposity E Ardel-Gattinger, M Meindl, L Thun-Hohenstein, A van Egmond-Froehlich, S Ring-Dimitriou, D Weghuber (*Austria*)

PP30 Prevalence of metabolic syndrome in Spanish children J Olza, M Gil-Campos, R Leis, G Bueno, CM Aguilera, M Valle, R Cafete, R Tojo, LA Moreno, A Gil (*Spain*)

PP31 A study of the BMI among the 13-14 year old children, in Albania Y Bilushi, L Kuneshka, L Rrumbullaku, K Poshi (*Albania*)

PP32 Standards for waist circumference of Bulgarian children and adolescents aged 6-18 years M Konstantinova, V Yotova, CH Petrova, R Koleva, T Todorov (*Bulgaria*)

PP33 Subjective and mental health in German youth seeking treatment for overweight and obesity N Wille, M Bullinger, R Holl, U Hoffmeister, R Mann, C Goldapp, T Reinehr, J Westenhöfer, A van Egmond-Froehlich, U Ravens-Sieberer (*Germany*)

PP34 Weka environment of application to classify and compare healthy children, those children with simple obesity and with nonalcololic fatty liver disease (NAFLD) A Wierzbicka, M Plutecki, J Mulawka, A Mazur, P Socha (*Poland*)

PP35 A high percentage of Italian children who are obese have hypertension and dietary issues A Spagnolo, E Menghetti, M Carletti, P Strisciuglio (*Italy*)

PP36 Preadolescents and parents facing obesity-psychological perspectives U Oana-Maria (*Romania*)

PP37 Parental perception of overweight children in Spain V Salcedo (*Spain*)

PP38 Anthropometric measurements and body mass index as predictors of blood pressure V Juresa, V Musil, M Kujundžić-Tiljak, D Petrovic (*Croatia*)

PP39 Justification and colonic transit time in morbidly obese children OH van der Baan-Slootweg, O Liem, N Bekkali, WM van Aalderen, TH Pels Rijcken, MA Benninga (*The Netherlands*)

PP40 The role of gender in the determination of psycho-social problems of children with overweight and obesity E Obodyńska (Poland)

PP41 Prevalence of dyslipidaemia in attendees of a paediatric weight management service A Flinn, G Butler, F Mydin, J Lyons, EF Roche (Ireland)

PP42 High normal fasting glucose level in obese youth: a marker for insulin resistance and beta cell dysregulation. G O'Malley, N Santoro, E D'Adamo, M Shaw, V Northrup, S Caprio (USA/Ireland)

PP43 Serum and urinary leptin levels in maturing girls and their relationship to body fatness and fat distribution. M. Płonka, S. Kozieł, A. Suder, B. Piórecka, M. Dobrzańska, A. Kamińska, J. Głodzik, M. Schlegel-Zawadzka, I. Brzozowska, M. Bielański (Poland)

POSTER SESSION # 4
Saturday 19th September 11.00-11.30
Management of obesity
Chair: E. Poskitt

PP44 Impact of childhood obesity programs on body composition and metabolic risk factors M Kalavainen, M Korppi, O Nuutinen (Finland)

PP45 Questionnaire survey on scopes and barriers for appropriate management of childhood obesity by medical staff involved in their care W Thornton (England)

PP46 Long-term weight maintenance strategies following initial treatment of childhood obesity S Woolcock, S Lukeis, M Kolotourou, P Chadwick, PM Sacher (UK)

PP47 AD-EVA-CA: Interdisciplinary test kit for diagnostics and evaluation in childhood obesity E Ardelt-Gattinger, M Meindl, S Ring-Dimitriou, D Weghuber, K Miller (Austria)

PP48 Assessment of non-alcoholic fatty liver disease in morbidly obese children using 3.0 Telsa Magnetic Resonance BGP Koot, OH van der Baan-Slootweg, JR van Werven, AJ Nederveen, PL Jansen, J Stoker, MA Benninga (The Netherlands)

PP49 Kaledo, a new educational board-game to reduce overweight and obesity in primary school children. E. Viggiano, A. Salvatore, A. Viggiano, A. Viggiano, M.Monda, A.Di Costanzo, C.Vicidomini, E.Andreozzi and B.De Luca (Italy)

Invited Speakers

Prof. Margherita Caroli MD, PhD. President of ECOG; Professor of Paediatrics, Nutrition Unit, Department of Prevention, ASL Brindisi, Italy.

Ms. Helen Croker Clinical Research Dietitian, Health Behaviour Research Centre, University College London, UK.

Dr. Mercedes de Onis, MD, MPH, PhD. Coordinator, Growth Assessment and Surveillance, Nutrition for Health and Development (NHD), World Health Organization

Dr. Ulf Ekelund Medical Research Council Epidemiology Unit, Institute of Metabolic Science, Cambridge, UK.

Dr. Mary Flynn PhD. Chief Specialist in Public Health Nutrition, Food Safety Authority of Ireland.

Dr. Marie-Laure Frelut Consultant Paediatrician, Endocrinology Department at Saint Vincent de Paul University hospital in Paris, France.

Dr. Mary Flynn PhD. Chief Specialist in Public Health Nutrition, Food Safety Authority of Ireland.

Dr Antje Hebestreit University of Bremen, Bremen Institute for Prevention Research and Social Medicine (BIPS) Division of Epidemiological Methods and Etiologic Research, Germany.

Dr. Juliette Hussey M.I.S.C.P, M.S.c, PhD. Senior lecturer and head of the discipline of Physiotherapy in the School of Medicine Univeristy of Dublin, Trinity College, Ireland.

Prof. Hilary Hoey FTCD, MA, MD, FRCPI, FRCPCH (UK), MICGP, DCH, DObsRCOG. Head of Department of Paediatrics, Trinity College; Consultant Paediatrician and Endocrinologist National Children's Hospital AMNCH Tallaght and Our Lady's Children's Hospital Crumlin, Dublin, Ireland.

Prof. Barbara Livingstone Professor of Human Nutrition, Biomedical Sciences Research Institute, The University of Ulster, Northern Ireland.

Dr Tim Lobstein, Director of Policy and Programmes at the International Association for the Study of Obesity (IASO), UK; Executive Director, The Food Commission, UK.

Prof Ewa Malecka-Tendera, MD, PhD, Professor of Medicine, Department of Paediatric Endocrinology and Diabetes, Medical University of Silesia, Katowice, Poland

Prof. Robert Malina Professor Emeritus, Department of Kinesiology and Health Education, University of Texas at Austin; Research Professor, Department of Health and Physical Education, Tarleton State University, Stephenville, Texas, USA.

Dr. Artur Mazur MD. Consultant Paediatrician, Rzeszow University, Poland.

Lideke Middelbeek MSc, The Noncommunicable Diseases and Environment Unit, WHO Regional Office for Europe, Geneva, Switzerland.

Prof. Luis Moreno E.U. Ciencias de la Salud, Universidad de Zaragoza, Zaragoza, Spain.

Dr. Paulina Nowicka, Childhood Obesity Unit, University Hospital Malmö, Sweden.

Ms. Grace O'Malley M.I.S.C.P, M.Sc. Visiting Fulbright Researcher, Department

of Pediatrics Yale University School of Medicine USA; Senior Physiotherapist, The Children's University Hospital, Temple Street, Ireland.

Prof Stephen O'Rahilly Co-Director Institute of Metabolic Science Cambridge University, UK.

Dr. Elizabeth Poskitt Co-founder ECOG; Senior Lecturer, Oxford Brookes University, UK.

Dr. Robert Pretlow MD, MSEE, FAAP. Director, Weigh2Rock.com – Online Weight Loss for Teens and Tweens Seattle, WA, USA

Dr. Enda Roche MBBCh, MRCP, DCH, FRCPCH, Consultant Paediatric Endocrinologist, The National Children's Hospital, Dublin; Senior Lecturer, Dept. Paediatrics, The University of Dublin Trinity College, Ireland.

Dr. Hélène Thibault INSERM, Université Victor Segalen, Bordeaux, France.

Prof. Andrea Vania Professor of Paediatrics, Center for Nutrition and Dietetics of the Department of Paediatrics, University 'La Sapienza', Rome, Italy.

Dr. Edgar Van Mil MD, PhD. Consultant Paediatric Endocrinologist, Hieronymus Bosch Medical Centre, 's-Hertogenbosch, The Netherlands.

Dr. Tommy Visscher MD, PhD. Research Coordinator, Research Centre for Overweight Prevention, Amsterdam, The Netherlands.

Dr. Jarek Waligora MD European Commission, Luxembourg.

Prof. Terrence Wilkin MD. Professor of Endocrinology & Metabolism, Peninsula Medical School, Plymouth, UK.

Expert Roundtable

Chair:

Dr Tim Lobstein, Director of Policy and Programmes at the International Association for the Study of Obesity (IASO), UK; Executive Director, The Food Commission, UK.

Participants:

Prof. Margherita Caroli MD, PhD. President of ECOG; Professor of Paediatrics, Nutrition Unit, Department of Prevention, ASL Brindisi, Italy.

Ms. Chiara Faenza Italian Cooperative

Dr. Mary Flynn PhD. Chief Specialist in Public Health Nutrition, Food Safety Authority of Ireland.

Ms. Maria Lordon Dunphy Health Promotion Development Manager, HSE; Chair Obesity Taskforce in Ireland.

Prof. Robert Malina Professor Emeritus, Department of Kinesiology and Health Education, University of Texas at Austin; Research Professor, Department of Health and Physical Education, Tarleton State University, Stephenville, Texas, USA.

Ms. Niamh Mullen (Journalist, Irish Medical Times)

Dr. Elizabeth Poskitt Co-founder ECOG; Senior Lecturer, Oxford Brookes University, UK.

Dr. Enda Roche MBBCh, MRCP, DCH, FRCPCH, Consultant Paediatric Endocrinologist, The National Children's Hospital, Dublin; Senior Lecturer, Dept. Paediatrics, The University of Dublin Trinity College, Ireland.

Dr. Jarek Waligora MD European Commission, Luxembourg.

Official Social Programme:

Welcome Reception

Date: Thursday 17th September 2009

Time: 7.30pm-9.30pm

Venue: Dining Hall, Trinity College Dublin

Cost: One ticket included with registration

A Wine and finger food reception will be held in the 18th Century Dining Hall of Trinity College (founded in 1592). This event is open to all on a first come first served basis (numbers limited).



Gala Dinner

Date: Friday 18th September 2009

Time: 19.30-23.30 (Dinner served at 20.00)

Venue: The Guinness Storehouse

Cost: €65.00 (Tickets available at the registration desk)

We will be pleased to welcome you to the Guinness Storehouse and to bring alive a segment of Irish history. On arrival, the evening begins with a tour of the storehouse. On completion of the tour you will move up to the second floor and will be treated to a complimentary pint of Guinness (The Black Stuff!). A sumptuous three-course dinner will be served from 8pm and guests will dine while being treated to some aural delights by the Eoin Dillon Band. As dinner wraps up guests will be encouraged to get active and try out some traditional Irish Dance Steps motivated by the energetic beats of traditional Irish music.



Literary/Musical Pub Crawl

Date: Saturday 19th September 2009

Time: 7.00pm-9.00pm

Venue: The Duke Pub / Oliver St. John Gogarty's

Cost: €15 (sign up at the registration desk)

The Literary tour is a crash course in Irish literature, history, architecture and pub bonhomie! It combines street theatre with the 'craic' that makes Dublin pubs the liveliest in Europe and successfully avoids the clichés that would otherwise ruin an evening of high art and low life. Alternatively, you can sign up for the Musical pub crawl. This is led by two professional musicians who perform tunes and songs while telling the story of Irish music and its influences on contemporary world music.



General Information

ECOG2009 will take place in the Trinity College Dublin Health Sciences Center, which is located on the grounds of St James's Hospital in Dublin's city centre.

By bus

The number 123 (which can be caught at O'Connell Street) stops in the hospital grounds. The 78A, 68A, 51 and 51B all stop outside the St. James St entrance. Timetables for buses are available at www.dublinbus.ie. Bus fare is 1.80 euro and buses accept coins only (change is not given).

By light-rail (Luas)

The Red Line stops directly behind The Trinity Centre in St. James's Hospital. For further information see: www.luas.ie.

By Foot

St James Hospital and the Trinity Center is a 25-minute walking distance from Trinity's front gate/Grafton Street.

Name Badges

All participants and accompanying persons must clearly wear the ECOG2009 badge. Entrance to the meeting halls, exhibition areas and some social events will not be permitted without it. For general security reasons, you should not openly wear your delegate badge around the city. Badges will be colour-coded according to registration status as per the following: White = workshop + conference participants

Light blue = workshop participants

Light yellow = conference participants

Light pink = accompanying persons

Light green = exhibitors

Exhibition

Commercial Exhibition will be open at the following times:

September 18th 10.00-18.00 hrs

September 19th 10.00-18.00 hrs

Accreditation

ECOG2009 is accredited by SCOPE (Specialist Certification of Obesity Professional Education), the joint project founded in 2002 by the International and European Associations for the Study of Obesity (IASO & EASO). If you would like to have your SCOPE points (max 4) registered, please sign the SCOPE sheet at the registration desk. Please also ensure that you fill in the SCOPE/ECOG09 Evaluation Sheet and collect your SCOPE certificate at the registration desk on Sat 19th Sept. In addition, An Bord Altranais and the Royal College of Physicians of Ireland provide accreditation for ECOG2009.

Language

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

Banking

The currency in Ireland is the Euro. Foreign currency can be exchanged at the airport, at banks, in post offices, hotels or foreign exchange offices. All major Credit Cards are accepted in most hotels, restaurants and shops. Banks are open Monday to Friday between 10am and 4pm.

Smoking Ban

Under Irish law, smoking is not permitted in pubs, restaurants, hotel lobbies and most public areas.

Photography and Mobile Phones

Flash photography is strictly forbidden during 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 poster session

Sponsors

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The Children's University Hospital, Temple Street

The National Children's Hospital, Tallaght

The University of Dublin, Trinity College

**The Children's Medical and Research Foundation, Our Lady's
Children's Hospital, Crumlin**

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Did You Know?

Did you know that Chartered Physiotherapists work with every age group, from very young babies to the elderly?

The ISCP, founded in 1983, is the designated authority to accredit physiotherapy qualifications in the Republic of Ireland, represents over 3,000 members and is a member organisation of the World Confederation for Physical Therapy (WCPT). WCPT recognises the Irish Society of Chartered Physiotherapists as the sole authoritative body for Physiotherapy / Physical Therapy in Ireland.

A Chartered Physiotherapist is a healthcare professional who works closely within a multidisciplinary team having completed a degree course and having become a member of the Irish Society of Chartered Physiotherapists.

Many Chartered Physiotherapists have additional postgraduate qualifications and choose to specialise in various areas such as paediatrics, respiratory care and the sports medicine field.

When you choose a Chartered Physiotherapist you can have the peace of mind in knowing that you are being treated by a physiotherapist who has a university degree qualification and is committed to the highest standards of ethical and clinical excellence.

