## Monday, October 16th Programme poster presentations

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<td>Adiposity - Early life factors</td>
<td>S. Ozanne</td>
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<td>PO1.02</td>
<td>Cardiometabolic health - Growth and long-term effects</td>
<td>A. Fraser</td>
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<td>PO1.03</td>
<td>Epigenetics - Growth and cardiometabolic health</td>
<td>G. Sharp</td>
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<td>Gestational diabetes</td>
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### Oral poster presentations (2 minute orals)

- **PO1.01.01**
  - Title: Do low-birth-weight babies have higher central adiposity? A study on newborn anthropometry and adiposity in Colombo, Sri Lanka
  - Authors: V.P. Wickramasinghe, Colombo

- **PO1.01.02**
  - Title: Differences in development of white adipose tissue deposits in post-weaning C57BL/6 mice
  - Authors: A. Kode, Utrecht

- **PO1.01.03**
  - Title: Is early life exposure to polyomaviruses and herpesviruses associated with childhood obesity and cardiometabolic traits?
  - Authors: D. Ierodiakonou, Heraklion

- **PO1.01.04**
  - Title: The joint effect of maternal smoking during pregnancy and pre-pregnancy overweight on the development of overweight in children
  - Authors: T. Chaturpabian, Utrecht

- **PO1.01.05**
  - Title: Testing the developmental mismatch hypothesis: how responses to unhealthy childhood diet depend on prenatal experience
  - Authors: S. Crozier, Southampton

- **PO1.01.06**
  - Title: Current size not birth size is associated with risk of metabolic syndrome in young Australian adults
  - Authors: G. Singh, Casuarina

- **PO1.02.01**
  - Title: The emergence of cardiovascular risk factors in adolescence in a high risk Australian population
  - Authors: B. Davison, Casuarina

- **PO1.02.02**
  - Title: Simple health indicators to evaluate influence of early life globo-psychosocial factors on self-reported health in later life
  - Authors: N. Wasenius, Helsinki

- **PO1.02.03**
  - Title: Excess early postnatal weight gain and blood pressure in healthy young children
  - Authors: N. Jansen, Utrecht

- **PO1.02.04**
  - Title: Is birth weight associated with blood pressure in early adolescence? Results from a tropical birth cohort
  - Authors: A.S. Lule, London

- **PO1.02.05**
  - Title: The effect of stunting on blood pressure and BMI in adolescence: A prospective cohort study of the Dogon of Mali
  - Authors: B. Strassmann, Ann Arbor

- **PO1.02.06**
  - Title: No associations of excessive crying with resting blood pressure and cardiac autonomic nervous system activity in childhood
  - Authors: L. Smarius, Amsterdam

- **PO1.02.07**
  - Title: Methylylglycerol treatment in lactating mothers leads to type 2 diabetes phenotype in male rat offspring at adulthood
  - Authors: T. Ribeiro, Maringa

- **PO1.03.01**
  - Title: HIF3a methylation in cord blood associates with cardiovascular measures in early childhood
  - Authors: T. Mansell, Parkville

- **PO1.03.02**
  - Title: Physical activity before and during pregnancy and DNA methylation in maternal peripheral blood
  - Authors: S. Badon, Seattle

- **PO1.03.03**
  - Title: DNA methylation mediates effects of prenatal maternal cognitive appraisal of a disaster on metabolic and immune outcomes: Project Ice Storm
  - Authors: S. King, Montreal

- **PO1.03.04**
  - Title: Impact of a low glycaemic index diet in pregnancy on DNA methylation in 5 year old children: the ROLO Study
  - Authors: A. Geraghty, Dublin

- **PO1.03.05**
  - Title: A low glycaemic index diet in pregnancy induces DNA methylation variation in blood of newborns: results from the ROLO Study
  - Authors: A. Geraghty, Dublin

- **PO1.03.06**
  - Title: Varying influence of cellular heterogeneity on the relation of DNA methylation to adiposity and early life
  - Authors: R. Huang, Perth

- **PO1.03.07**
  - Title: DNA methylation of NOS3 promoter in Ugandan guinea pig fetuses does not predict endothelial function and DNA methylation later in life
  - Authors: B. Krause, Santiago

- **PO1.04.01**
  - Title: Relationship between glycaated hemoglobin in early type2 diabetic pregnancy and adverse pregnancy outcomes
  - Authors: Y. Song, Beijing

- **PO1.04.02**
  - Title: Association of TRIB1 expression in human umbilical vein endothelial cells with gestational diabetes mellitus treatment terms
  - Authors: P. Popova, Saint-Petersburg

- **PO1.04.03**
  - Title: Can we develop a successful risk score for gestational diabetes?
  - Authors: E. Huvinen, Helsinki

- **PO1.04.04**
  - Title: Cardio-metabolic risk factors in offspring of diabetic mothers (ODM) in India
  - Authors: C. Yajnik, Pune

- **PO1.04.05**
  - Title: Predictors of neonatal adiposity at birth in gestational diabetic and normal glucose tolerant mothers
  - Authors: C. Yajnik, Pune

- **PO1.04.06**
  - Title: Sedentary behaviour and shorter duration of walking in early pregnancy is associated with gestational diabetes among obese women
  - Authors: E. Bagias, Coventry

- **PO1.04.07**
  - Title: Can adverse effects on kidney in GDM newborn be prevented?
  - Authors: B. Cappuccini, Perugia

- **PO1.05.01**
  - Title: The role of maternal bulimia nervosa and anorexia nervosa before and during pregnancy in early childhood wheezing
  - Authors: M. Popovic, Turin

- **PO1.05.02**
  - Title: Preterm and early term births are associated with higher risk of asthma (asthma medication entitlement): The Finnish 1987-90 Birth Cohort
  - Authors: E. Kajantie, Helsinki

- **PO1.05.03**
  - Title: Associations of birth weight and prematurity with late adolescent lung function in Hong Kong’s “Children of 1997” Birth Cohort
  - Authors: B. He, Hong Kong

- **PO1.05.04**
  - Title: Associations of agricultural pesticide exposure with asthma prevalence in adolescence: the PIAMA birth cohort
  - Authors: J. Bukalasa, Utrecht

- **PO1.05.05**
  - Title: Prenatal exposure to airborne pollutants and the respiratory health through childhood - lessons from Krakow birth cohort
  - Authors: A. Pac, Krakow

- **PO1.05.06**
  - Title: Faltering of growth in infants with atopic eczema prior to the clinical onset of the condition
  - Authors: S. El-Heis, Southampton

- **PO1.05.07**
  - Title: The role of maternal bulimia nervosa and anorexia nervosa before and during pregnancy in early childhood wheezing
  - Authors: M. Popovic, Turin
Monday October 16th

Programme poster presentations

13:50 – 14:20

PO1.01.06
Australian adults syndrome in young
PO1.02.06
Southampton prenatal experience development
T. Chattrapiban,
overweight on the development of
D. Ierodiakonou,
childhood obesity and herpesviruses to polyomaviruses.
A. Kodde, Utrecht Is early life exposure
C57BL/6j mice development of white
T. Ribeiro, Maringa adiposity and early life
B. Krause, Santiago adiposity and early life
B. Davison, Anorexia nervosa The role of maternal
S. Norris

PO1.02.08
Adiposity - Early life
T. Ribeiro, Maringa treatment in lactating
Methylglyoxal Amsterdam childhood
C. Yajnik, Pune and normal glucose
gestational diabetic adiposity at birth in
N. Wasenius, Helsinki Predictors of neonatal

PO1.03.04
Metabolic and metabolic and environmental chemicals in late gestation
N. Jansen, Utrecht associations differ
A prospective cohort
N. Wasenius, Helsinki relations of
M. Azad, Winnipeg associations differ
PO1.08.06
Advising consumption of whole-body fat oxidation and fatty liver disease in
E. van der Gaag, Hengelo Breastfeeding and infant body mass index:
A. Andiarena, San Breastfeeding and infant body mass index:
V. Rantalainen, Helsinki

PO1.06.09
Beyond the genome. How the metabolome can help uncover gene function
A. Forrest-Hay, Newburyport

Poster session PO1.06
Metabolomics and circadian rhythm
Chair: D. Lawlor

Oral poster presentations (2 minute orals)

PO1.06.01
Early life factors, obesity risk and the metabolome of young adults
S. Rauschert, Munich

PO1.06.02
Relation of clinical and metabolic characteristics to neonatal adiposity among obese pregnant women
L. Poston, London

PO1.06.03
Wireless communication devices and sleep problems in adolescents
M. Guexns, Barcelona

PO1.06.04
Relations between infant feeding practices and sleep quality or duration at age 2 in the French EDEN mother-child cohort
B. de Lauzon-Guillain, Paris

PO1.06.05
Maternal and fetal SCD-1 activity are associated with elevated birth weight and adiposity and influenced by diet in late gestation
L. Marchioro, Munich

PO1.06.07
Amino acid profile in early pregnancy in a heterogeneous group of women at high risk of gestational diabetes
K. Rönö, Hus

PO1.06.08
Melatonin prevents the development of hypertension programmed by prenatal dexamethasone plus postnatal high-fat diet in adult offspring of both sexes
Y. Tain, Kaohsiung

Poster session PO1.07
Neurodevelopment - Early life exposures
Chair: S. Häberg

Oral poster presentations (2 minute orals)

PO1.07.01
Environmental tobacco smoke exposure during pregnancy and child neurodevelopment.
K. Polanska, Lodz

PO1.07.02
Exposure to environmental chemicals in early life is associated with ADHD and autism spectrum disorders in Norwegian children
V. Lenters, Oslo

PO1.07.03
Childhood exposure to tobacco smoke and midlife cognitive performance: The Cardiovascular Risk in Young Finns Study
S. Rovio, Turku

PO1.07.04
Is there a relationship between maternal gestational weight gain and offspring fundamental motor skills?
N. Wasenius, Helsinki

PO1.07.05
The effect of maternal perceived stress on child development in the Chinese population
R. Huang, Shanghai

PO1.07.06
Sleep patterns during pregnancy and child neuropsychological and behavioral development: Mother-child cohort (Rhea Study) in Crete, Greece
A. Margetaki, Heraklion

PO1.07.17
Association between breastfeeding and better preserved cognitive ability in an elderly cohort of Finnish men
V. Rantalainen, Helsinki

PO1.07.18
Association between prenatal manganese exposure and long-term neuropsychological development at 4 years old in a population-based birth cohort
A. Andiarena, San Sebastian

Poster session PO1.08
Nutrition - Metabolic health, socio-economic and behavioural factors
Chair: B. Mullhauser

Oral poster presentations (2 minute orals)

PO1.08.01
Effect of infancy-onset dietary counselling on a comprehensive metabolic profile from childhood to early adulthood
K. Pakkala, Turku

PO1.08.02
No adverse metabolic programming of dietary fructose versus glucose post-weaning by extensive basal and challenged phenotyping in mice
E. van Schot Horst, Wageningen

PO1.08.03
Diet quality in early and mid-childhood in relation to growth and body composition
A.N. Nguyen, Rotterdam

PO1.08.04
Rates of growth during nutritional rehabilitation, whole-body fat oxidation and fatty liver disease in adult survivors of severe acute malnutrition
M. Boyne, Kingston

PO1.08.05
Advising consumption of green vegetables, beans and full-fat dairy products has no adverse effects on the lipid profiles in children
E. van der Gaag, Hengelo

PO1.08.06
Breastfeeding and infant body mass index: associations differ according to method of milk feeding and type of complementary nutrition
M. Azad, Winnipeg

PO1.08.07
Anthropometry and body composition in infants of malnourished Bangladeshi women supplemented or not supplemented during pregnancy
K. Talukder, Dhaka

Poster session PO1.09
Nutrition - Micronutrients
Chair: T. Chong

Oral poster presentations (2 minute orals)

PO1.09.01
The role of vitamin D on circulating memory T cells in children: the Generation R Study
K. Looman, Rotterdam

PO1.09.02
Are children with celiac disease autoimmune at risk for vitamin D deficiency? - The Generation R Study
S. Beth, Rotterdam

PO1.09.03
Vitamin B12 deficiency in early pregnancy associates with maternal obesity: Findings from two UK cohorts
A. Antonysunnil, Warwick

PO1.09.04
An inadequate maternal vitamin D status is associated with congenital heart defects in the offspring
L. van Duijn, Rotterdam

PO1.09.05
Low vitamin B12 induces de novo lipogenesis in human hepatocytes
J. Boachie, Coventry

PO1.09.07
Effect of vitamin B12 deficiency on the lipid lowering effect of metformin in the liver
J. Boachie, Coventry

Poster session PO1.10
Population health
Chair: J. Wright

Oral poster presentations (2 minute orals)

PO1.10.01
Generation Victoria: A unique opportunity for better lifelong health and learning
M. Wake, Parkville

PO1.10.02
The ORiGhNS Project – a healthy start for a better future
L. Colvin, Subiaco

PO1.10.03
What do pregnant women know about DOHaD: Exploring knowledge translation in the Mothers to Babies (MB2) Study
L. McKerracher, Hamilton

PO1.10.04
The Welcome Baby Project: follow-up of the first virtual cohort in Brazil
A. Escobar, Sao Paulo

PO1.10.05
Study design and future perspective of a birth and three generation cohort study in Japan: The TMM BirThree Cohort Study
H. Metoki, Sendai

PO1.10.06
Gender specific DOHaD and implications for women's health
I. Koupil, Stockholm

PO1.10.07
The Human Early Life Exposome (HELEX) project: molecular mechanisms
M. Bustamante, Barcelona

PO1.10.08
Refusal to partake in an electronic health promotion app
G. Caruth, Dublin

PO1.10.09
The Canadian DOHaD cohort registry: a farthest: ReACHing Maelstrom Research initiative toward facilitating collaborative research
R. Massicotte, Montreal

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PO1.01.07 Birth weight classification and BMI trajectories in early life: evidence of maternal effects from the Lifeways Cross-Generation Cohort study
C. Kelleher, Dublin

PO1.01.08 Impact of Foetal Growth Restriction on Rate of Change and Composition of Young Adult Body Mass
G. Singh, Casuarina

PO1.01.09 Assessment of infant body composition using air displacement plethysmography
K. Shorthose, Nuneaton

PO1.01.10 Predisposing factors for metabolic syndrome in pregnancy and newborns’ body size: preliminary report from the CROatin Islands’ Birth Cohort Study
D. Havaš Auguštin, Zagreb

PO1.01.11 Improving risk estimates for metabolically healthy obesity and mortality using a refined healthy reference group
W. Johnson, Loughborough

PO1.01.12 Effects of birth weight and childhood accumulation of body fat on metabolic parameters in primary school children in Sri Lanka
V. Wickramasinghe, Colombo

PO1.01.13 Which lesson from the evaluation of parental perception of child’s weight in an European cohort of 8 years old children
A. Xhonneux, Rocourt

PO1.01.02.08 Awareness, Treatment, and Control of Hypertension is Low among Adults in Aksum Town, North Ethiopia: A Sequential Quantitative- Qualitative Study
K.H. Misgina, Groningen

PO1.01.02.09 Perinatal cholesterol influence differentially atherosclerosis progression in ApoE/-/- offspring male and females by altering cholesterol metabolism
C. Trenteseaux, Nantes

PO1.01.02.10 Cardiometabolic risk factors prevalence among employed adults in urban Delhi: Need for a life course approach for prevention of CVDs
D. Shokeen, Delhi

PO1.01.02.11 Joint effect of birth weight and obesity measures on abnormal glucose metabolism at adulthood
J. Mi, Beijing

PO1.01.02.12 Neonatal nutritional deficit in infants with birth weight less than 1500 g and its association with blood pressure in adolescence
N.A. Dinerstein, Buenos Aires

PO1.01.02.13 Hepatitis C virus infection might increase the risk of Atrial Fibrillation
C. Lin, Taipei

PO1.01.02.14 Body parameters at birth and blood pressure in young age
B. Kurc-Darazak, Wroclaw

PO1.03.08 Is the low birthweight a determinant factor for epigenetic changes and body composition?
M. Salgado, San Luis Potosi

PO1.03.09 Circulating microRNAs expression of newborn associated with overweight and pregestational obesity
N. Gaytán-Pacheco, San Luis Potosi

PO1.03.10 Epigenetic and transcriptomic changes in preterm or SGA infants during perinatal period
K. Kashima, Tokyo

PO1.03.11 Mother’s pre-pregnancy BMI and placental candidate miRNAs: Findings from the ENVIRONAGE birth cohort
M. Tsamou, Diepenbeek

PO1.03.12 Are preterm survivors aging prematurely?
K. Mathewson, Hamilton

PO1.03.13 Tracing human stem cell lineage during development using DNA methylation
L. Salas, Lebanon

PO1.03.14 Caffeine consumption during pregnancies and DNA methylation in the offspring
C. Page, Oslo

PO1.03.15 Epigenetic gestational age: associations of family characteristics and perinatal factors with gestational age acceleration
J. Khouja, Bristol

PO1.04.08 Gestational diabetes-associated foeto-placental endothelial dysfunction is still a determinant factor treated with insulin therapy
M. Subiabre, Santiago

PO1.04.09 Gestational diabetes and body composition
R. Pondsé, Sao Paulo

PO1.04.10 Increased risk of overweight during school age in children born to mothers with GDM
E. van der Beek, Utrecht

PO1.04.11 Exposure to metals during pregnancy and the association with gestational diabetes mellitus: Results from EDEN mother child cohort
M.H. Soomro, Paris

PO1.04.12 ANGPTL4 expression is altered in human umbilical vein endothelial cells in patients with gestational diabetes mellitus
L. Vasileva, Saint-Petersburg

PO1.04.13 Equilibrative nucleoside transporter 1 expression in human umbilical vein endothelial cells from gestational diabetes mellitus is restored by insulin therapy
L. Silva Lagos, Santiago

PO1.04.14 The bangalore nutrition gestational diabetes lifestyle study
R. Mahendra, Southampton

PO1.04.05 Maternal Depressive Symptoms over time and Asthma in 3-Year-Old Children: Findings from a Longitudinal Canadian Based Pregnancy Cohort
M. Mughal, Calgary

PO1.05.08 Influence of maternal and fetal 25-hydroxyvitamin D levels on lung function and atopic disease development
R. Mensink-Bout, Rotterdam

PO1.05.10 Exploring obesogenic pathways linked to asthma in adult life: 1978/79 Ribeirao Preto Cohort, Brazil
V. Cardoso, Sao Paulo

PO1.05.11 Fetal growth and childhood lung function in the STOPPA twin study
C. Almqvist Malmros, Stockholm

PO1.05.12 Does lung function growth trajectories depend on prenatal or postnatal exposure to airborne pollutants? - Krakow birth cohort study
R. Majewska, Krakow

PO1.05.13 Maternal butter intake during lactation is associated with less food allergy at 1 year of age
M. Barman, Gothenburg

PO1.05.14 Eczema and allergies in childhood associate with psychological and behavioral problems primarily in girls
C. Parent, Montreal

PO1.05.15 Eczema phenotypes across childhood
C. Hu, Rotterdam

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<td>A. Kozyszkyj, Edmonton</td>
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<td>PO1.06.11 Influence of maternal and socioeconomic factors on human breast milk metabolome among South Africa cohorts</td>
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<td>PO1.07.07 Maternal blood pressure trajectory during pregnancy and offspring neurodevelopment at 1 year old: a prospective cohort study in China</td>
<td>F. Chan, Guangzhou</td>
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<td>C. Campoy, Granada</td>
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<td>PO1.07.09 The association between low-to-moderate prenatal alcohol exposure and offspring structural brain morphology: a population-based MRI study</td>
<td>T. Sharp, Bristol</td>
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<td>PO1.07.10 Maternal high estradiol exposure impair cognition of offspring</td>
<td>C. Zhou, Shanghai</td>
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<td>PO1.07.11 White matter integrity showed an abnormal developmental in child born to mothers with high BMI</td>
<td>C. Campoy, Granada</td>
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<td>PO1.07.12 Transmission of maternal adverse childhood experiences to infant developmental outcomes: Findings from the All Our Families Cohort, Canada</td>
<td>S. Tough, Calgary</td>
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<td>PO1.07.13 Maternal pregnancy disorders are associated with neonatal regulatory behavior problems and child developmental milestones: findings from the prospective PREDO Study</td>
<td>P. Girchenko, Helsinki</td>
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<td>PO1.07.14 Maternal Thyroid Dysfunction during Pregnancy and Behavioural and Psychiatric Disorders of Children: A Systematic Review</td>
<td>D. Fetene, Brisbane</td>
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<td>PO1.08.08 Maternal protein intake during pregnancy impacts child growth up to five years of age: Findings from the ROLO Study</td>
<td>A. Geraghty, Dublin</td>
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<td>PO1.08.09 Maternal early-pregnancy determinants of childhood eating behaviour and dietary patterns at aged 5 years: Children of SCOPE</td>
<td>S. Begum, London</td>
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<td>PO1.08.10 High fat and very low carbohydrate intake during pregnancy does not influence the folate nutritional status in mother and foetuses</td>
<td>M. Sano, Hikone</td>
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<td>PO1.08.11 Study protocol: Why pregnant women eat what they eat. Socio-ecological determinants of antenatal diet and development of an intervention tool</td>
<td>Y. Beulen, Wageningen</td>
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<td>PO1.08.12 Methionine supply and tissue glutathione in the pregnant rat</td>
<td>H. Dasgul, Aberdeen</td>
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<td>PO1.08.13 Fetal and maternal corticosterone concentrations in pregnant rats fed a diet reflecting that of the poorest socioeconomic group in Scotland</td>
<td>W. Rees, Aberdeen</td>
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<td>PO1.08.14 Role of slow-digesting carbohydrates during pregnancy for reducing the risk of developing NAFLD phenotype in obese rats' offspring (NIGG Health study)</td>
<td>M. Manzano, Granada</td>
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<td>PO1.08.15 Maternal protein restriction in young rats alters long chain fatty acid sensing by duodenal entero-endocrine cells, leading to increased intestinal permeability</td>
<td>M. Ndjim, Nantes</td>
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<td>PO1.09.10 Early-life stress reduces availability of essential micronutrients; a nutritional intervention strategy to prevent its lasting consequences on cognitive function</td>
<td>E. Naninck, Amsterdam</td>
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<td>PO1.09.11 Expressions of Transcobalamin receptor CD320 and transporter TCN2 in low vitaminB12 treated human adipocyte</td>
<td>J. Samavat, Coventry</td>
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<td>PO1.09.12 Intra cellular uptake and levels of vitamin B12 in hepatocytes</td>
<td>J. Boachie, Coventry</td>
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<td>PO1.09.13 Prenatal iron-deficiency causes sex-dependent mitochondrial dysfunction in the fetal liver and kidney</td>
<td>A. Woodman, Edmonton</td>
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<td>PO1.09.14 Perinatal iron deficiency alters brown fat quantity and thermogenic capacity in adult rats</td>
<td>S. Cherak, Edmonton</td>
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<td>PO1.09.15 Impact of mandatory iodine fortification on young adults in the Top End of Australia</td>
<td>B. Davison, Darwin</td>
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<td>PO1.09.16 Vitamin D concentrations in pregnant women and their newborns: relation with gestational birth weight</td>
<td>F. Suano-Souza, Santo Andre</td>
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<td>PO1.10.10 We learnt and now we are teaching our family: Adolescent DOHaD knowledge translation supporting health development in the Cook Islands</td>
<td>J. Bay, Auckland</td>
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<td>PO1.10.11 Awareness and understanding of DOHaD-related terms and concepts in students during undergraduate health professional programmes in Japan and New Zealand</td>
<td>O. Masahito, Ishikarishi</td>
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<td>PO1.10.12 Baseline profile of a birth and three generation cohort study in Japan: The TMM BirThree Cohort Study</td>
<td>M. Ishikuro, Sendai</td>
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<td>PO1.10.13 Early-life stressors and LifeCycle health</td>
<td>S. van den Assum, Rotterdam</td>
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<td>PO1.10.14 Sharing longitudinal, non-biological birth cohort data: a cross-sectional analysis of parent consent preferences</td>
<td>T. Tough, Calgary</td>
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<td>PO1.10.15 Recruitment of women in early pregnancy in South Africa: the early access cohort</td>
<td>E. Symington, Johannesburg</td>
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<td>PO1.10.16 How could we recruit grandparents in genome birth cohort study? Lessons learnt from the TMM BirThree cohort study</td>
<td>T. Obara, Sendai</td>
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<td>PO1.10.17 The impact of the UK 2008-2010 recession on maternal and infant health in the Born in Bradford cohort</td>
<td>J. Wright, Bradford</td>
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<td>PO1.10.18 Lifelines: a unique biobank providing data to study the development of diseases</td>
<td>T. de Jong, Groningen</td>
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PO1.03.16 Maternal obesity predisposes adult male rat offspring to increased adiposity via epigenetic modifications in a depot-specific manner
S. Lecoutre, Villeneuve d’Ascq

PO1.03.17 Infants born small-for-gestational age have different placental expression of microRNAs
H. Östling, Örebro

PO1.04.15 Dysregulated hypothalamic-pituitary-adrenal axis (HPA) activity is linked to glucose intolerance in pregnancy in South Asians (SA)
P. Saravanan, Coventry

PO1.04.16 Neonatal outcomes among offspring of obese women diagnosed with gestational diabetes mellitus in early versus late pregnancy
N. Grotenfelt, Helsinki

PO1.04.17 Intrauterine hyperglycemia induced the inflammatory signalling in the cardiac muscle of the infants of diabetic mother rats
A. Nakamura, Maebashi

PO1.05.16 Correlation of maternal fatty acid status during pregnancy with childhood inflammatory markers: the MEFAB cohort
S. Rouschop, Maastricht

PO1.05.17 Influence of early growth on magnetic resonance imaging and spirometry obtained lung function in childhood
G. Saharan, Rotterdam
PO1.07.15
Maternal pre-pregnancy obesity and childhood physical and cognitive development of children: a systematic review
A. Adane, Brisbane

PO1.07.16
Structural and functional alteration of developing rat cerebellum by administration of autism-inducing drugs
S. Yoshida, Toyohashi

PO1.08.16
Education and income level and their relationship with breastfeeding duration: 8949 mother-infant pairs in the Born In Guangzhou Cohort Study (BIGCS)
F. Brown, Guangzhou

PO1.08.17
Co-creation of knowledge: Involving end-users and stakeholders in creating a website to promote healthy eating habits, The food4toddlers study
M. Røed, Kristiansand
Tuesday October 17th Programme poster presentations

Tuesday, October 17th  Juriaanse foyers

13:50 – 14:20 Poster session PO2.01 Adiposity – Life course
Chair: S. Sebert
Oral poster presentations (2 minute orals)

PO2.01.01 - Sex differences in the association between adverse childhood experiences (ACEs) and adiposity measures in adolescents
A. L. Goncalves, Soares, Bristol

PO2.01.02 - Changes in trajectories of adult body mass index in China 1991-2011: evidence from the China Health and Nutrition Survey
L. Li, London

PO2.01.03 - ROLO Kids Step Test; A simple method of estimating cardiovascular fitness and adiposity in 5 Year old children
A. Geraghty, Dublin

PO2.01.04 - Air pollution, noise, green space and overweight in children aged 12 years: the PIAMA birth cohort study
L. Bloomsma, Bilthoven

PO2.01.05 - Infant subcutaneous fat and abdominal, pericardial and liver fat assessed by Magnetic Resonance Imaging at the age of 10 years
B. Patro Golab, Rotterdame

PO2.01.06 - Growth in early life and the risk of obesity among children in Aruba: a retrospective population-wide cohort study
A. Oudshoorn, Oranjestad

PO2.01.07 - Neonatal chronic pain, analgesia and obesity in adulthood: experimental study in rat
I. Dutriez-Casteloot, Lille

PO2.02.01 - Cardiometabolic health – Nutrition
Chair: D. Lawlor
Oral poster presentations (2 minute orals)

PO2.02.01 - Resistance exercise combined with regular insulin supplementation alters hepatic glucose and lactate metabolism in healthy swiss mice
V. Roncaglia, Maringa

PO2.02.02 - Vitamin B12 deficiency triggers adipocyte dysfunction by enhancing triglyceride biogenesis and pro-inflammatory cytokine production: a new agonist in metabolic disease?
J. Samavat, Coventry

PO2.02.03 - Insulin resistance and liver fat assessed by Magnetic Resonance Imaging in children
M. Geurtsen, Rotterdam

PO2.02.04 - Associations of maternal pregnancy, social and lifestyle characteristics and blood pressure at age 4.5 in White British and Pakistani children
P. Collings, Bradford

PO2.02.05 - Paternal cholestasis alters offspring metabolic phenotype and predisposes to hypertension
V. Pataia, London

PO2.02.06 - In utero caffeine exposure induces transgenerational effects on the adult heart
C. Wendler, Gainesville

PO2.03.01 - Epigenetic differences in cord blood of newborns exposed to antidepressant medication during pregnancy. A study in the Aarhus Birth Cohort
A. Vluf, Aarhus

PO2.03.02 - Duration of breastfeeding is associated with leptin DNA methylation in 6 months old children
S. Pauwels, Leuven

PO2.03.03 - Sex differences in neonatal DNA methylation of imprinted genes and executive function in early childhood
S. Hill, Chapel Hill

PO2.03.04 - Genetic differences in cord blood of newborns exposed to antidepressant medication during pregnancy
T. Norris, Leicester

PO2.04.01 - Adult pre-pregnancy weight change and risk of developing hypertensive disorders during pregnancy
A. Adane, Brisbane

PO2.04.02 - The value of the 24-hour proteinuria in evaluating the severity of pre-eclampsia and identifying its adverse maternal outcomes
B. Li, Beijing

PO2.04.03 - Maternal infections and pre-eclampsia: a systematic review of epidemiological literature
A. Wajid, Calgary

PO2.04.04 - Low birth weight and prematurity trends from 2005 to 2014: experience from a public maternity hospital in Athens, Greece
A. Malin Igra, Stockholm

PO2.04.05 - - Z-score differences for assessment of growth based on cross-sectional growth charts do not reflect weight gain in preterm infants
N. Rochow, Hamilton

PO2.04.06 - Child protection actions among children born preterm – the contribution of developmental disorders and intellectual disability
S. Aienius, Helsinki

PO2.05.01 - Emotional status of non-Indigenous Australians from adolescence to young adulthood
B. Davison, Casuarina

PO2.05.02 - Association of Depression and Life Satisfaction with Low Resilience among married women of Karachi, Pakistan
S. Bhamani, Karachi

PO2.05.03 - The associations of maternal mental health and stress in pregnancy with offspring wheezing and infections
F. Rusconi, Florence

PO2.05.04 - Adversity in childhood and maternal depression in pregnancy
A. Wajid, Calgary

PO2.05.05 - Through the voice of children: narratives of third generation survivors of maternal death on the Arabian Peninsula
A. Kempe, Stockholm

PO2.05.06 - Socioeconomic inequalities in psychosocial problems in young children: mediation analysis of maternal depressive symptoms during pregnancy, infancy and early childhood
T. Vrijkotte, Amsterdam

PO2.05.07 - Maternal employment, parental socioeconomic status, and the risk of adverse pregnancy outcomes
F. Sata, Tokyo

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<th>Environmental exposures</th>
<th>Chair: L. Trasande</th>
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<td>Oral poster presentations (2 minute orals)</td>
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<th>Poster session PO2.07</th>
<th>Neurodevelopment – Pregnancy and growth</th>
<th>Chair: J. Sunyer</th>
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<th>Nutrition – Growth and cardiovascular health</th>
<th>Chair: J. Kliefe-de Jong</th>
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<th>Embryonic, fetal and placental health</th>
<th>Chair: S. Lye</th>
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<th>Poster session PO2.10</th>
<th>Endocrine health</th>
<th>Chair: N. Harvey</th>
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<td>Oral poster presentations (2 minute orals)</td>
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| PO2.06.01 - Mechanisms of childhood cadmium toxicity | A. Malin Igra, Stockholm |

| PO2.06.02 - Puberty onset in children environmentally exposed to organochlorine compounds | L. Palkovicova Murinova, Bratislava |

| PO2.06.03 - Prenatal acrylamide exposure, birth outcomes and IGF2, and interaction with single nucleotide polymorphisms in acrylamide-metabolizing genes | J. Hogervorst, Diepenbeek |

| PO2.06.04 - The outdoor exposome and birth weight association in the HELIX cohort | M. Nieuwenhuijsen, Barcelona |

| PO2.06.05 - Prenatal exposure to perfluoroalkyl substances and birth outcomes in a Spanish birth cohort: assessing confounding by maternal glomerular filtration rate | M. Casas, Barcelona |

| PO2.06.06 - Exposure to ambient air pollution predicts telomere length in 8-year old children | D. Clemente Batalha Pardal, Barcelona |

| PO2.06.07 - Temporal and spatial variability of personal exposure to radio frequency electromagnetic fields in children in Europe | M. Guxens, Barcelona |

| PO2.06.08 - Prenatal particulate air pollution exposure and cord blood homocysteine in newborns; results from the ENVIRONAGE birth cohort | J. Hogervorst, Diepenbeek |

| PO2.07.01 - Influence of intrauterine growth restriction and preterm birth on motor performance in childhood: evidence from a cohort study | M.C. Saraiva, Ribeirão Preto |

| PO2.07.02 - Fetal growth and cognitive development in the Born in Bradford (BiB) cohort | T. Norris, Leicester |

| PO2.07.03 - The association of maternal thyroperoxidase antibodies during pregnancy with offspring IQ and brain morphology | A. Derakhshan, Rotterdam |

| PO2.07.04 - Key neurocognitive domains in adults born preterm | J. Suikkanen, Helsinki |

| PO2.07.05 - Assessing causality in the association between maternal pre-pregnancy obesity and child neurodevelopment: observational and mendelian randomization analyses | M. Casas, Barcelona |

| PO2.07.06 - Seasonality of maternal plasma tryptophan levels in early pregnancy: implications for fetal brain development | R. Levitan, Toronto |

| PO2.07.17 - Dietary Inflammatory Index of mothers during pregnancy and ADHD symptoms in the child at preschool age: INMA and RHEA cohorts | N. Lertxundi, San Sebastian |

| PO2.08.01 - Nutritional intervention in early life influences by sex the growth velocity during the first 18 months of age | C. Campoy, Granada |

| PO2.08.02 - Maternal high-fat diet alleviates detrimental impact of early life stress | M. Darnaudery, Bordeaux |

| PO2.08.04 - Maternal protein restriction increases duodenal enterocelluar cells in young rats | M. Ndjim, Nantes |

| PO2.08.05 - Pre-pregnancy dietary patterns and associations with socio-demographic characteristics, maternal gestational weight gain and infant birthweight | M. Jarman, Edmonton |

| PO2.08.06 - Early D-cysteine or L-cysteine supplementation prevents later-life hypertension and kidney damage in spontaneously hypertensive rats exposed to high-salt intake | Y. Tain, Kaohsiung |

| PO2.08.07 - Maternal factors associated with antenatal breastfeeding self-efficacy and infant feeding outcomes at 6 weeks postpartum | F. McAuliffe, Dublin |

| PO2.08.08 - Effect of maternal low quality protein diet on plasma biochemical parameters in adult male and female offspring | A. Kabasakal Çetin, Ankara |

| PO2.08.09 - Inadequate dietary intake during complementary feeding at 12 and 18 months of age: PREOBE study | C. Campoy Folgosos, Granada |

| PO2.09.01 - First trimester embryonic posture using 4D ultrasoundography and Virtual Reality: a pilot study | A. Frudiger, Rotterdam |

| PO2.09.02 - Fetal fractional thigh volume: a 3D-ultrasound marker of neonatal adiposity | J. Roelants, Rotterdam |

| PO2.09.03 - Prenatal salivary hormone levels and the risk of small-for-gestational age | K. Svensson, New York |

| PO2.09.04 - The association of maternal age with fetal growth and newborn measures: the Mumbai Maternal Nutrition Project (MMNP) | C. di Gravio, Southampton |

| PO2.09.05 - Antenatal fetal size, birth weight and maternal deprivation – not so straightforward after all? | S. Turner, Aberdeen |

| PO2.09.06 - Maternal PIGF is positively correlated to cord blood leptin concentrations in infants born small-for-gestational age | H. He, Shanghai |

| PO2.09.07 - Gender-specific differences in the association between first-trimester HbA1c and placental volume | J. Goletzke, Hamburg |

| PO2.09.08 - Sex-specific changes in placental glucocorticoid barrier at term after a single course of antenatal betamethasone in preterm pregnancies | T. Braun, Berlin |

| PO2.10.07 - Finger dermatoglyphics and reproductive success in women | M. Klimek, Krakow |

| PO2.10.08 - Stress early in life and child stress responses at age 6 | C. de Weerth, Nijmegen |
PO2.01.10 - Life course developmental trajectories of body mass index - A 46 years follow-up of the NBF1966
R. Nedelec, Oulu

PO2.01.11 - Infancy growth and health at 21 years: the role of home environment in infancy
E. Delker, San Diego

PO2.01.12 - Low insulin levels during lactation in rats can protect against obesity in adult life
C. Matusso, Maringa

PO2.01.13 - Exploring the relationship between early and later life exposures and obesity in middle-age: Findings from the Newcastle Thousand Families study
N. Robinson, Newcastle upon Tyne

PO2.01.14 - A systematic review of the life course determinants of metabolically healthy obesity
E. Robson, Loughborough

PO2.01.15 - Faster infancy growth and waist circumference and blood pressure at 21 years
E. Blanco, La Jolla

PO2.01.08 - Early weight gain, childhood adiposity and risk factors for type 2 diabetes in children aged 10-12 years: the QUALITY cohort
A. van Hulst, Montreal

PO2.01.09 - Individual rearing of mice impairs adolescent growth and increases adult obesity risk
A. Baars, Utrecht

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<tr>
<td>13:50</td>
<td>PO2.01.16</td>
<td>Differential associations of subcutaneous adiposity size and shape with all-cause mortality among NHANES III adult population</td>
<td>H. Kim, Loughborough</td>
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<tr>
<td>13:50</td>
<td>PO2.02.15</td>
<td>Maternal Mediterranean diet during pregnancy and offspring longitudinal growth trajectories and cardiometabolic risk in early childhood</td>
<td>S. Fernández-Barrés, Barcelona</td>
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<td>13:50</td>
<td>PO2.03.16</td>
<td>Epigenetics in early life: placental promoter methylation in DNA repair genes and prenatal exposure to particulate air pollution</td>
<td>K. Neven, Diepenbeek</td>
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<tr>
<td>13:50</td>
<td>PO2.03.17</td>
<td>DNA methylation analysis of neurodevelopmental disorders using disease-discordant monozygotic twins</td>
<td>J. Craig, Melbourne</td>
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<td>13:50</td>
<td>PO2.03.18</td>
<td>Neonatal patterns of DNA methylation differentiate between children who develop early-onset vs low conduct problems: Findings from a prospective, epidemiological birth-cohort</td>
<td>C. Cecil, London</td>
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<td>13:50</td>
<td>PO2.04.15</td>
<td>Maternal exposure to alcohol and nicotine: Is there an effect on chronic disease development at 5-6 years?</td>
<td>J. De Smidt, Cape Town</td>
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<td>13:50</td>
<td>PO2.04.16</td>
<td>Loss of intrinsic tone and impaired vasodilative reaction in Aa. interlobares may contribute to prospective nephron damage in IUGR rats</td>
<td>K. Nüsken, Cologne</td>
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<td>13:50</td>
<td>PO2.07.16</td>
<td>Understanding mechanistic effects of early life exposures on neurodevelopment: Role of Brain structural functional connectivity in DOHaD studies</td>
<td>R. Behere, Pune</td>
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**Tuesday, October 17th**

**Jurriaanse foyer**

13:50 – 14:20
Wednesday October 18th Programme poster presentations

13:50 – 14:20

**Poster session PO3.01 Adiposity – Nutrition and physical activity**
Chair: K. Godfrey

**Oral poster presentations (2 minute orals)**

PO3.01.01 - Adiponectin in breast milk and childhood anthropometrics and cardio-metabolic health
L. van Rossem, Utrecht

PO3.01.02 - Infant breastfeeding and childhood abdominal, liver and pericardial fat measures assessed by magnetic resonance imaging: The Generation R Study
S. Vogelezang, Rotterdam

PO3.01.03 - Infant feeding practices and the prospective relation with childhood BMI: results from the Generation R Study
I. Derks, Rotterdam

PO3.01.04 - Dietary glycemic load and glycemic index during infancy with growth and body composition trajectories in childhood: The Generation R Study
V. Jen, Rotterdam

PO3.01.05 - Association between age of introduction of complementary feeding, exclusive breast feeding duration and BMI at 5-6 years: the ABCD study
O. Sirkka, Amsterdam

PO3.01.06 - Infant protein supply and adiposity risk at 6 years: secondary analysis of a randomized clinical trial
V. Grote, Munich

PO3.01.07 - Perinatal exposure to sucrose or high fructose corn syrup (HFCS-55) alters adiposity and hepatic lipid composition in rat offspring
B. Mulhuisler, Adelaide

**Poster session PO3.02 Genetics**
Chair: M. Bustamante

**Oral poster presentations (2 minute orals)**

PO3.02.01 - Placental hypoxia-regulating network in relation to birth weight and ponderal index: the ENVIRONAGE Birth Cohort Study
K. Vrijens, Diepenbeek

PO3.02.02 - Association of rs1708067 polymorphism in ADCYS5 with birth weight, glucose, insulin and neonatal insulin resistance
I. Aguilera Venegas, Leon

PO3.02.03 - Influence of known genetic variants associated with adiposity on childhood abdominal, liver and pericardial fat assessed by Magnetic Resonance Imaging
C. Monnereau, Rotterdam

PO3.02.04 - Interaction between birth weight and the PLIN4 variant rs8887 on impulsivity at 5 years old children
D. Marcos Rodrigues, Porto Alegre

PO3.02.05 - Effects of FTO and PPARγ variants on intrauterine growth restriction in a Brazilian birth cohort
M. Saraiva, Ribeirao Preto

PO3.02.06 - The postnatal renal transcriptome is differentially affected by various intrauterine deficiencies in male rats
K. Nisuen, Cologne

PO3.02.07 - Effects of cumulative childhood cardiovascular risk factor exposure on transcriptomics in adulthood: The Cardiovascular Risk in Young Finns Study
J. Mykkänen, Turku

**Poster session PO3.03 Reproduction and periconception**
Chair: R. Steegers-Theunissen

**Oral poster presentations (2 minute orals)**

PO3.03.01 - Understanding barriers and enablers of a complex pre-conception intervention in Malaysia - preliminary findings from a process evaluation
A. Mohd Hanafiah, Shah Alam

PO3.03.02 - effects of a preconception lifestyle intervention in obese infertile women on diet and physical activity; results of a randomized trial
T. van Elten, Amsterdam

PO3.03.03 - Narrative review of reviews of preconceptional interventions to prevent increased risk of obesity and non-communicable diseases in children
C.M. Jacob, Southampton

PO3.03.04 - Childhood and adulthood preconception exposures influence smoking cessation during pregnancy and in midlife
D. Schoenaker, Brisbane

PO3.03.05 - Effects of antibiotic-disruption of the seminal fluid microbiome on male reproductive health and DOHaD changes in resulting offspring
C. Rosenfeld, Sydney

PO3.03.06 - Exercise nutrition and pregnancy research study (PEARS) with smartphone app support
M. Kennelly, Dublin

PO3.03.07 - Exercise before and during pregnancy alters the microbiome and glucose intolerance in females born growth restricted fed a high-fat diet
M. Wiodek, Melbourne

**Poster session PO3.04 Maternal obesity and physical activity**
Chair: A. Nybo Andersen

**Oral poster presentations (2 minute orals)**

PO3.04.01 - Association between maternal gestational weight gain and fetal growth in Japanese underweight women
Y. Kasuga, Tokyo

PO3.04.02 - The joint effect of maternal smoking during pregnancy and pre-pregnancy overweight on term birth weight of the offspring
T. Chattrapiban, Utrecht

PO3.04.03 - Maternal obesity in pregnancy is associated with reduced heart rate variability in neonates
S. Sahid, London

PO3.04.04 - Mothers' weight before pregnancy alters newborn's telomere-related gene expression at birth
B. Cox, Diepenbeek

PO3.04.05 - Psychological distress, body mass index and weight gain in pregnant women
F. Vehmeijer, Rotterdam

PO3.04.06 - Pregnancy exercise and nutrition research study (PEARS) with smartphone app support
M. K. Olayemi, Potchefstroom

**Poster session PO3.05 Microbiome**
Chair: I. Reiss

**Oral poster presentations (2 minute orals)**

PO3.05.01 - Dairy lipids and probiotic L. fermentum in infant formulas differently program gut microbiota and physiology in a minipig model
I. Le Huéré-Luron, Saint-Gilles

PO3.05.02 - Birth mode and infant gut microbiota sequentially mediate the association of maternal overweight with childhood overweight
H. Tun, Edmonton

PO3.05.03 - Absence of intestinal microbiota in early life does not critically affect cholesterol metabolism in mouse offspring
M. Lohuis, Groningen

PO3.05.04 - Role of breastmilk microbiome in colonisation of the infant gut: a systematic review
C. van Loo-Bouwman, Wageningen

PO3.05.05 - Diet-induced cholestasis modifies the maternal gut metabolome and microbiota, resulting in offspring metabolic impairment, altered intestinal metabolites and bacteria
C. Ovadía, London

PO3.05.06 - Gut microbiota and overweight at the age of 3 years
A. Karvonen, Kuopio

PO3.05.07 - Males born growth restricted and fed a high-fat diet have altered microbiome and metabolic dysfunction
M. Wiodek, Melbourne

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Wednesday, October 18th Programme poster presentations

PO3.01.05 - Association between breastfeeding and childhood glycemic load and trajectories in abdominal, liver imaging. The Generation R Study. I. Derks, Rotterdam.

PO3.02.05 - Effects of maternal nutrition and breastfeeding on transcriptomics on intrauterine growth deficiencies in male and female offspring. A. Karvonen, Kuopio.

PO3.03.04 - Childhood diseases in children aged 6 to 59 months: a prospective cohort study in Norway. C. Davisse-Paturet, Villejuif.

PO3.04.04 - Mothers’ lifestyle knowledge and behaviour problems at age 12 years: a prospective cohort study in Reunion Island. N. Heritier, Saint-Denis.

PO3.05.04 - Role of maternal overweight and preconception fatty acid deficiency on adiposity and hepatic dysfunction. J. J. O. Young, Batonto.

PO3.06.04 - Pregnancy outcomes. K. Wu, Kaohsiung.

PO3.07.08 - Maternal perinatal antibiotic-disruption of the epigenome and gut microbiome alters postnatal obesity on cardiovascular risk and patterns during pregnancy. A. Rasool, Southampton.

PO3.08.04 - Infant milk formulas: the role of bioactive lipids and probiotic content protects the brain from hypoxia-induced deficits in 11-year-old children in the Republic of Ireland. C. Davisse-Paturet, Villejuif.

PO3.09.06 - Improving breastfeeding support during pregnancy and first year of life. W. Lawrence, Potchefstroom.

PO3.10.06 - Associations between maternal overweight and preconception fatty acid deficiency on adiposity and hepatic dysfunction. J. J. O. Young, Batonto.

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<tr>
<td>PO3.01.08</td>
<td>Maternal high-fat diet during lactation programs adult offspring obesity and increased adipose tissue StearoF-CoA Desaturase-1 activity in a depot-specific manner</td>
<td>Juriaanse foyer</td>
<td>L. Butruille-Madjid, Villeneuve d’Asq</td>
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<td>PO3.01.09</td>
<td>Monosaccharides in post-weaning diet of young mice program body composition and feeding behaviour in adulthood</td>
<td>Johannesburg</td>
<td>J. Fernández-Callega, Wageningen</td>
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<td>PO3.01.10</td>
<td>Describing objectively measured and maternal reported infant and toddler physical activity levels and patterns at 3, 6, 12, 18, and 24 months</td>
<td>PO3.01.11 Voluntary exercise during development can improve eating behavior and metabolism in intrauterine growth-restricted animals</td>
<td>A. Prioreschi, Johannesburg</td>
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<td>PO3.01.12</td>
<td>Early nutrition and subsequent risk of overweight and obesity in 8-year old children – a MoBa cohort study</td>
<td>PO3.01.13 Association of vitamin D status in pregnancy with adiposity and cardiometabolic traits in childhood: the Rhea pregnancy cohort, Crete, Greece</td>
<td>N. Agnihotri, Kristiansand</td>
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<td>PO3.01.14</td>
<td>Dietary protein intake in infancy with growth and body composition throughout childhood: longitudinal cohort study</td>
<td>V. Jen, Rotterdam</td>
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<td>PO3.02.08</td>
<td>Cord blood leptin and insulin in association with mitochondrial DNA content in newborns</td>
<td>A. Vriens, Diepenbeek</td>
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<td>PO3.02.09</td>
<td>Influence of in utero metal exposure on human placental gene networks and fetal growth</td>
<td>M. Deysenrooth, New York</td>
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<td>PO3.02.10</td>
<td>Widespread prevalence of a CREBFL variant associated with weight and height in Polynesian children</td>
<td>S. Berry, Auckland</td>
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<td>PO3.02.11</td>
<td>Perinatal over- or undernutrition programs adipogenesis: mechanism of a common Wnt11b/PPAR7 pathway mediated via differential B-Catenin signaling</td>
<td>M. Ross, Los Angeles</td>
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<td>PO3.02.12</td>
<td>Molecular determinants of design optimality in cardiopulmonary systems: Sprouty2 coordinates airway and vascular branching programmes in mammalian lung development</td>
<td>D. Walker, Dundee</td>
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<td>PO3.02.13</td>
<td>FLUT2 gene variants are associated with reported gastrointestinal and respiratory illnesses during infancy in the Southampton Women’s Survey (SWS)</td>
<td>S. Barton, Southampton</td>
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<td>PO3.02.14</td>
<td>Prospective study of PPAR2 Pro12Ala polymorphism effect on immune system in pregnant women and their offspring: The PREOBE study</td>
<td>C. Campoy Folguero, Granada</td>
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<td>PO3.03.08</td>
<td>Insertion alternative splicing variant of androgen receptor suppresses human ovarian granulosa cells apoptosis via up-regulating miR-125b expression independent of androgen</td>
<td>Q. Yang, Stockholm</td>
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<td>PO3.03.09</td>
<td>The effects of a preconception lifestyle intervention in obese women on offspring development and behavior</td>
<td>M. Menting, Amsterdam</td>
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<td>PO3.03.10</td>
<td>Awareness and communication with low health literate clients in preconception care: a problem analysis</td>
<td>A. Rosman, Rotterdam</td>
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<td>PO3.03.11</td>
<td>POHaD - Paternal Origins of Health and Disease: Paternal obesity and early embryonic development</td>
<td>M. Looman, Wageningen</td>
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<tr>
<td>PO3.03.12</td>
<td>Pre-pregnancy dietary, lifestyle and reproductive risk factors of gestational diabetes in an Australian population-based cohort</td>
<td>A. Soubry, Leuven</td>
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