

International Symposium
**“DEMONSTRATING EARLY NUTRITION PROGRAMMING IN HUMAN
AND ANIMAL MODELS”**

23th April 2008
Aula Magna. School of Medicine. University of Granada

Wednesday, April 23**

8:00-9:00 **Registration**

9:00-9:30 **Opening Ceremony**

Rector of the University of Granada
Vice Rector for Research of the University of Granada
Vice Rector for Technological Park of Health Sciences
Regional Minister for Innovation, Science and Enterprise. Junta de Andalucía
Regional Minister for Health. Junta de Andalucía

***Isabelle de Froidmont-Goertz.**

EU Officer. Directorate for Life Sciences: Biotechnology, Agricultural and Food Research. European Commission-DG Research

Berthold Koletzko:

*Prof. of Paediatrics. Dr. von Hauner Children's Hospital, Ludwig-Maximilians University, München. Germany.
President of the ENA and EARNEST EU FP6 Project co-ordinator*

Cristina Campoy:

*Assistant Prof. of Pediatrics. University of Granada.
Person in charge in the EARNEST Project at the UGR
Co-ordinator of NUTRIMENTHE FP7 Project*

9:30-11:30 **SESSION ON PROGRAMMING OBESITY- INSULIN RESISTANCE BY
EARLY NUTRITION**

Chairman: Berthold Koletzko

Michael Symonds (Nottingham, UK)

Early life nutrition and growth - their impact on later obesity and insulin resistance

Emilio Herrera (Madrid, Spain) – PERILIP

Short- and long-term consequences of under nutrition and altered dietary PUFA intake during pregnancy and lactation in animal models

Andy Ness (Bristol, UK)- ALSPAC Study

Beyond birth weight: modifiable early life determinants of blood pressure: findings from the Avon Longitudinal Study of Parents and Children

Illig Tomas- GSF - FTO genes (München, Germany)

Genetics of obesity and type 2 diabetes. What do we learn from it?

Berthold Koletzko (München, Germany) CHOP-EARNEST

Can infant feeding reduce later obesity risk?

11:30-12:00 *Coffee break // POSTER SESSIONS*

12:00-14:00 **SESSION ON EARLY NUTRITION PROGRAMMING AND BRAIN DEVELOPMENT & MENTAL PERFORMANCE**

Chairman: Mijna Hadggers

Sylvain Sebert (Nottingham, UK) - EARNEST

Early nutrition and brain development - long term impact on energy balance and appetite regulation?

Elizabeth Isaacs (London, UK)

"Programming the brain/cognitive function"

Mijna Hadggers (Groningen, The Netherlands) – EARNEST

Prenatal and early postnatal fatty acid status and neurodevelopmental outcome.

Cristina Campoy (Granada, Spain)-NUTRIMENTHE

Analysing the effect of early diet on mental performance: From NUHEAL to NUTRIMENTHE.

Pauline Emmet (Bristol, UK) - ALSPAC Study

"Diet and childhood cognitive development: results from ALSPAC"

14:00-15:00 *Lunch*

15:00-17:00 **SESSION ON EARLY NUTRITION PROGRAMMING AND IMMUNE SYSTEM DEVELOPMENT**

Chairman: Philip Calder

Philip Calder (Southampton, UK)- AQUAMAX

"Windows of opportunity for nutritional programming of the immune system".

Ricardo Rueda – (Granada, Spain) - ABBOTT

"Early nutrition and modulation of tolerogenic response and of immune response upon infection"

Esther Nova (Madrid, Spain) - (CSIC)

"Gut microbiota and immune development in infants"

Yolanda Sanz (Valencia, Spain) –(IATA)

"Gut microbiota and long-term health effects modulated by maternal and early-infant nutrition"

Susanne Krauss-Estchmann (Münich-Germany) –NUHEAL

17:00-18:00 *Coffee break / POSTER SESSIONS*

18:00-19:00 **SESSION ON INFANT FEEDING POLICIES AND COMMUNICATION**
EURRECA Network of Excellence (<http://www.eurreca.org/everyone>)

Chairman : Monique Raats (Univ. Surrey-UK)

Monique Raats (Univ. Surrey-UK)- EARNEST-EURRECA

Early diet, later health: what do new mothers think?

Rosalie Dhonukshe-Rutten (EURRECA)

"Nutrient recommendations for infants across Europe".

19:00-19:15 **Closure Ceremony**
(Berthold Koletzko / Cristina Campoy / EU REPRESENTATIVES)

21:00 **GALA DINNER**
"Carmen de los Chapiteles"

****Parallel Media Dissemination Activities are programmed leader by Margaret Ashwell / Rhonda Smith (Ashwell Associates-Minerva-UK) in collaboration with Jayne Evans / Claire Horton (Beta-Techology) and ERA7, S.L.**