

15th INMA (Environment and Childhood project) Scientific Conferences 2018

Title: "URBAN ENVIRONMENT and INFANT HEALTH"

Final Program

| Day / Room | Time | Session Type | Activity |
|---|------------------|----------------------------------|--|
| 14/11/2018 Auditorio Antonio Beristain | 8:30h – 9:00h | Welcome | PRESENTACIÓN RECTORA/CONSEJERO Moderator: Jesús Ibarluzea |
| Auditorio Antonio Beristain | 9:00h – 9:45h | Plenary Session | Conference – Oliver Robinson "Inequalities in health and the role of the urban exposome" Moderator: Amaia Irizar + Serena Fossati |
| Auditorio Antonio Beristain | 9:45h-10:15 h | Plenary Session | Conference- Payam Dadvand "Green spaces and child health and development" Moderator: Aitana Lertxundi + Marisa Estarlich |
| Auditorio Antonio Beristain | 10:15h – 11:00 h | Session 1 Results | Results of INMA Project: Diet, supplementation and Neuropsychological outcomes Moderator: Mariona Bustamante + Gabriela de Prado <ul style="list-style-type: none"> - Effect of folic acid supplements on omission errors in children at 4 years of age. Laura Compañ - Maternal Seafood Intake and Child Attention Outcomes. Jordi Julvez - Maternal circulating Vitamin D levels and behavioral problems in children. Mònica López - Mediterranean diet adherence at the age of 4 years is associated to a lower risk of overweight, obesity and abdominal obesity at the age of 8 years in children from the INMA study. Leyre Notario Discussion |
| Sala Andrestegi | 11:00h – 11:30h | Coffee | |
| Auditorio Antonio Beristain | 11:30h – 12:00 h | Plenary Session | Conference – Maria Foraster "Transportation noise effects early in life" Moderator: Ana Fernández + Lucía González |
| Auditorio Antonio Beristain | 12:00h – 12:45h | Session 2 Results | Results of INMA Project: Outdoor exposures and children neuropsychological and mental health Moderator: Lea Maitre + Mario Murcia <ul style="list-style-type: none"> - Prenatal and postnatal air pollution exposure and symptoms of depression, anxiety, conduct problems and aggressive behaviour in children from 8 European birth cohorts. Ainhoa Jorcano - Prenatal air pollution exposure and child's attentional function at 7 years old: exploring windows of susceptibility. Mònica Guxens - Childhood Radiofrequency Electromagnetic Field Dose to the Brain and Behavioral Problems in Children in Europe. Laura Ellen Birks - Vitamin D status during pregnancy and wheezing and asthma during childhood. Júlia Sangüesa Discussion |
| Auditorio Antonio Beristain | 12:45h – 13:45 h | Posters Session* | Obesity and respiratory and other effects INMA posters Moderator: Mònica López + Andrea Beneito |
| Aulario Ignacio Barriola | 13:45h – 15:15h | Lunch | |
| Auditorio Antonio Beristain | 15:15h – 15:45h | Plenary Session | Conference – Carmen Hernández "Prenatal emotional states and infant neurodevelopment: results from three cohort studies" Moderator: Ainara Andiarrena + Silvia Fernández |
| Auditorio Antonio Beristain | 15:45h – 16:30h | Session 3 Results | Results of INMA Project: Psychosocial factors. Other effects Moderator: Jordi Julvez + Eva M^a Navarrete <ul style="list-style-type: none"> - At risk of poverty and/or exclusion at INMA-Gipuzkoa and INMA-Valencia and associated factors. Lúcia González - Family context assessment and positive parenting policies. Enrique Arranz - Early infancy BMI trajectories and lung function and asthma during childhood. Gabriela Prado - Prenatal metabolomic signatures of fetal growth and multiple pollutant exposure. Léa Maitre Discussion |
| Sala Andrestegi | 16:30h – 17:00h | Coffee | |
| Auditorio Antonio Beristain | 17:00h – 18:00h | Posters Session* | Exposure, neurodevelopment and other effects INMA posters Moderator: Parisa Montazeri + Laura Birks |
| Auditorio Antonio Beristain | 18:00h – 18:30h | Plenary Session | Martine Vrijheid European projects Moderator: Sabrina Llop + Carmen Freire |
| | 18:30h | End of the 1 st . day | |

Dinner + Group Photo: 20:00h TABAKALERA
 Plaza de las cigarreras, 1.
 20012 Donostia / San Sebastián

| Day / Room | Time | Session Type | Activity |
|---|-----------------|----------------------------------|--|
| 15/11/2018 Auditorio Antonio Beristain | 9:00h – 9:30h | Plenary Session | Susana Gros / Sabrina Llop/ Jesús Ibarluzea / Martine Vrijheid "Functions and tasks of the INMA Executive Committee and others" |
| Aula 1 Aula 2 Aula 3 Aula 4 Sala 4 Auditorio Antonio Beristain | 9:30h – 11:00h | Parallel session 1 | Working group: Air pollution Working group: Nutrition Working group: Visit of 14-16 years follow-up Working group: Radiation EMF Working group: Biomarkers Working session: Genetics |
| Sala Andrestegi | 11:00h – 11:30h | Coffee | |
| Auditorio Antonio Beristain | 11:30h – 12:30h | Plenary Session | Conference – Jordi Sunyer What good is INMA? Moderator: Maties Torrent |
| Aula 1 Aula 2 Aula 3 Aula 4 Sala 4 Auditorio Antonio Beristain | 12:30 - 14:00 h | Parallel session 2 | Working group: Respiratory and Allergies Working group: Obesity, Postnatal Growth and Physical Activity Working group: Neurodevelopment Working group: Pubertal development and hormonal disorders Working session: INMA Biorepository Working session: GIS Variables (Green and Grey spaces, Noise, traffic, land use) |
| Auditorio Antonio Beristain | 14:00h - 14:15h | Closure | Closing of the conferences Nerea Lertxundi / Aitana Lertxundi |
| | 14:15h | End of the 2 nd . day | |
| Aulario Ignacio Barriola | | Lunch | |

*** List of posters of the 15th INMA Scientific Conference 2018:**

• **Session Wednesday, November 14, 12:45h-13:45h:**

Obesity and respiratory and other effects

- Impact of lifestyle behaviors in early childhood on obesity and cardiometabolic risk factors in children: Results from the Spanish INMA Birth Cohort Study. **Rowaadh Bawaked**
- BMI, body size distortion and dissatisfaction in children at 11 years old in INMA-Gipuzkoa cohort – preliminary results. **Eva Pereda**
- Bisphenol A and adiposity measures among peripubertal boys from INMA-Granada. **Vicente Mustieles**
- Is childhood asthma associated with biological ageing markers?. **Ana Belén Guzmán**
- Intrauterine and postnatal exposure to outdoor air pollution and lung function at school age. **Ioar Rivas**
- Prenatal exposure to organochlorine compounds and lung function during childhood. **Alicia Abellán**
- Dietary intake, Breastfeeding, Telomere Length Attrition and mitochondrial DNA in Children from Six European Birth Cohorts. **Silvia Fernández**
- Risk perception of environmental contaminants for health in Gipuzkoa. **Nerea Urbieto**
- Preliminary results on prenatal exposure to endocrine disrupters and sexual maturation in 9 years old children. **Andrea Beneito**
- Prenatal Exposure to Persistent Organic Pollutants and Anogenital Distance in Children at 4 years of age. **Miguel Garcia**
- Relationship between sexual maturity, serum hormones, and anthropometry in 15-17 years old adolescents: preliminary analysis of the INMA-Granada cohort. **Carmen Freire**
- Cardiovascular outcomes in INMA-CARDIO. **Serena Fossati**
- Radiofrequency (RF) electromagnetic fields from mobile communication: description of dose to brain tissue and body in European children. **Laura Ellen Birks**

- **Session Wednesday, November 14, 17:00h-18:00h:**

Exposure, neurodevelopment and other effects

- Maternal ferritin levels during pregnancy and ADHD symptoms in 4 year-old children. **Maite Ferrin**
- Smoking during pregnancy and cognitive development at 4 years. **Ainara Andiarena**
- Prenatal exposure to endocrine disruptors and attentional function during infancy: The INMA Study. **Olga Costa**
- Preliminary descriptive data of bullying in the INMA Gipuzkoa cohort at 11 years old. **Izaro Babarro Velez**
- Association between parental mental health and child mental health. Preliminary results. **Amaia Ulacia**
- A bioecological explanatory model for early cognitive development: Examining mediating pathways in a prospective general-population study. **Aritz Aranbarri**
- Mn exposure during pregnancy and neurodevelopmental effects in children at 4 years of age in INMA-Gipuzkoa cohort. **Amaia Irizar**
- Prenatal exposure to copper and child neuropsychological development. INMA-Valencia Project. **Sabrina Llop**
- Children exposure to green and blue spaces and attention span. **Aitana Lertxundi**
- Exposure to organochlorine compounds during pregnancy and thyroid hormone levels in mothers and newborns in INMA-Gipuzkoa cohort. **Amaia Irizar**
- Fluoride exposure during pregnancy and maternal thyroid hormone levels. **Mara Gallastegi**
- Is the socio-economic level associated to the environmental exposition in Donostialdea?. **Asier Anabitarte**
- Exposure to mercury in 9-year-old children: Trend in levels from birth and related factors. INMA-Valencia cohort. **Raquel Soler- Blasco**
- Patterns of exposure to glyphosate, organophosphate and pyrethroid pesticides in urban and rural populations of Catalonia and Galicia. **Natalia Bravo**

Organisers



Collaborators

