

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

Centro Carlos Santamaria, Campus Gipuzkoa, Universidad del País Vasco UPV/EHU.
Donostia-San Sebastián, 14-15 of November 2018

Title: "URBAN ENVIRONMENT and INFANT HEALTH"

Preliminary Program

Day	Time	Session Type	Activity
14/11/2018	8:30h – 9:00h	Welcome	
	9:00h – 9:45h	Plenary Session	Conference – Oliver Robinson "Inequalities in health and the role of the urban exposome"
	9:45h-10:15 h	Plenary Session	Conference- Payam Dadvand "Green/Blue spaces"
	10:15h – 11:00 h	Session 1 Results	Results of INMA Project: Diet, supplementation and Neuropsychological outcomes <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. Mónica 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
	11:00h – 11:30h	Coffee	Discussion
	11:30h – 12:00 h	Plenary Session	Conference – María Foraster "Noise/air pollution"
	12:00h – 12:45h	Session 2 Results	Results of INMA Project: Outdoor exposures and children neuropsychological and mental health <ul style="list-style-type: none"> - Prenatal and postnatal air pollution exposure and symptoms of depression, anxiety, conduct problems and aggressive behaviour in children in Europe. Ainhoa Jorcano - Prenatal air pollution exposure and child's attentional function at 7 years old: exploring windows of susceptibility. Mónica 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
	12:45h – 13:45 h	Posters Session*	Discussion
	13:45h – 15:15h	Group photo and Lunch	
	15:15h – 15:45h	Plenary Session	Conference – Carmen Hernández "Psicosocial"
	15:45h – 16:30h	Session 3 Results	Results of INMA Project: Psychosocial factors. Other effects <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
	16:30h – 17:30h	Coffee and posters*	Discussion
	17:30h – 18:00h	Plenary Session	Conference "Transferencia de la información"
	18:00h – 18:30h	Plenary Session	Proyectos Europeos
	18:30h	End of the 1 st . day	

Dinner:20:00h

Day	Time	Session Type	Activity
15/11/2018	9:00h – 9:30h	Plenary Session	"Functions and tasks of the INMA Executive Committee and others"
	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
	11:00h – 11:30h	Coffee	
	11:30h – 12:30h	Plenary Session	Jordi Sunyer
	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)
	14:00h - 14:15h	Closure	Closing of the conferences
	14:15h	End of the 2 nd . day	
		Lunch	

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

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

- The added impacts of ultra-processed food and plant-based food intakes, physical activity, TV watching, sleep duration on childhood obesity and cardiometabolic risk. **Rowaadh Bawaked**
- Intrauterine and postnatal exposure to outdoor air pollution and lung function at school age. **Ioar Rivas**
- Radiofrequency (RF) electromagnetic fields from mobile communication: description of dose to brain tissue and body in European children. **Laura Ellen Birks**
- BMI, body size distortion and dissatisfaction in children at 11 years old in INMA-Gipuzkoa cohort – preliminary results. **Eva Pereda**
- Prenatal exposure to endocrine disruptors and sexual maturation in 9 years old children. **Andrea Beneito**
- Is childhood asthma associated with biological ageing markers?. **Ana Belén Guzmán**
- Dietary intake, Breastfeeding, Telomere Length Attrition and mitochondrial DNA in Children from Six European Birth Cohorts. **Silvia Fernández**
- Bisphenol A and adiposity measures among peripubertal boys from INMA-Granada. **Vicente Mustieles**
- Patterns of exposure to glyphosate, organophosphate and pyrethroid pesticides in urban and rural populations of Catalonia and Galicia. **Natalia Bravo**
- Risk perception of environmental contaminants for health in Gipuzkoa. **Nerea Urbietta**

• Session Wednesday, November 14, 16:30h-17:30h:

- Impact of maternal ferritin levels during pregnancy and ADHD symptoms in 4 year-old children: results from the INMA-Infancia y Medio Ambiente birth cohort study. **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 Persistent Organic Pollutants and Anogenital Distance in Children at 4 years of age. **Miguel Garcia**
- 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**
- Maternal copper status and neuropsychological development in Spanish infant and preschool children. **Sabrina Llop**
- Children exposure to green and blue spaces and attention span. **Aitana Lertxundi**
- Is the socio-economic level associated to the environmental exposition in Donostialdea?. **Asier Anabitarte**

Pendientes:

- Exposure to mercury in 9-year old children: Trend in levels from age four and related factors. INMA-Valencia cohort. **Raquel Soler- Blasco**
- Prenatal exposure to organochlorine compounds and lung function during childhood. **Alicia Abellán**

- 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**

Organisers



Collaborators



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