

14th INMA (Environment and Childhood project) Scientific Conferences 2017

Faculty of Medicine-Granada University

Granada, 20-21 of November 2017

Title: “Endocrine disruption and INMA: Lessons learnt, challenges and opportunities”

Final Program

Day	Time	Session Type	Activity
20/11/2017	8:30h – 9:00h	Registry	Registration and collection of material
	9:00h – 9:30h	Inauguration Plenary Session	Opening of the Conference. Welcome. Aurora Valenzuela/ Nicolás Olea
	9:30-10:00 h + 10 min discussion	Plenary Session (P)	Opening Conference- Remy Slama “Endocrine disruptors: learned lessons on reproductive health; future perspectives on respiratory health”
	10:10h – 10:50h	Plenary Session (P)	Conference – Maribel Casas/Jordi Sunyer “Endocrine disruptors and respiratory health”
	10:50h – 11:20h	Coffee	
	11:20h – 11:50h	Plenary Session (P)	Conference – Martine Vrijheid “Endocrine disruptors and obesity”
	11:50h – 12:30h	Session 1 Results	Results of INMA Project: Respiratory Health and Obesity. Moderators: Jesús Ibarluzea/Ferrán Ballester <ul style="list-style-type: none"> - Early exposure to NO₂ and respiratory problems and asthma in pre-schoolers from the four INMA cohorts. Amparo Ferrero (7) - Prenatal exposure to organochlorine compounds and lung function until adolescence. Alicia Abellan (7) - Early Life Air Pollution Exposure and BMI and Cardio-Metabolic Risk in Preschool Age Children of the INMA Study. Serena Fossati (7) - Exploring the Role of Sugar-sweetened beverage consumption in obesity in children aged 4-5 in Spain: INMA Cohort Study. Sandra González Palacios (7) Discussion (12')
	12:30h – 13:00h	Plenary Session (P)	Conference- Maria Jose Lopez-Espinoso “Exposure to endocrine disruptors and puberty”
	13:00h- 13:30h	Discussion forum	Questions morning session
	13:30h – 15:00h	Group photo and Lunch	
	15:00h – 15:40h	Session 2 Results	Results of INMA Project: Miscellany. Moderators: Adonina Tardón/Maties Torrent <ul style="list-style-type: none"> - Fluoride exposure during pregnancy and neuropsychological development at 4 years. Ana Jiménez-Zabala (7) - Prenatal Exposure to Perfluoroalkyl Substances and Cardiometabolic Risk in Children from the Spanish INMA Birth Cohort Study. Cyntia B. Manzano-Salgado (7) - Spatial and temporal variability of personal exposure to radiofrequency electromagnetic fields in children in Europe. Laura Birks (7) - Postnatal exposure to mercury: trend from birth and relation with child neuropsychological development. Sabrina Llop (7) Discussion (12')
	15:40h – 16:10h + 10 min discussion	Plenary Session (P)	Conference- María Dolores Gómez Roig “Role of placenta in the pre-natal growth”
	16:20h – 17:20h	Coffee and posters*	
	17:20h – 18:00h	Session 3 Results	Results of INMA Project: Prenatal Exposures. Moderators: Joan Grimalt/Mònica Guxens <ul style="list-style-type: none"> - Maternal metabolic health parameters during pregnancy in relation to early childhood body mass index trajectories. Parisa Montazeri (7) - Prenatal omega-6/omega-3 ratio and ADHD symptoms in children: a population-based longitudinal study. Mónica López Vicente (7) - Maternal Mediterranean diet during pregnancy in association to longitudinal body mass index trajectories and offspring cardiometabolic risk in early childhood. Silvia Fernández Barrés (7) Discussion (19')
	18:00h – 18:30h	Discussion forum	Questions afternoon session
	18:30h	End of the 1 st . day	

Day	Time	Session Type	Activity
21/11/2017	8:30h – 9:30h	Direction Committee	Meeting: INMA Direction Committee + Advisory Committee
	9:30h – 10:10h	Direction Committee	Spanish birth cohorts Moderator: Jesús Ibarluzea
	10:10h - 10:40h + 10 min discussion	Plenary Session (P)	Conference- Philippe Grandjean "Paracelsus Revisited: The Dose Concept in a Complex World."
	10:50h – 11:50h	Coffee and posters*	
	11:50h – 12:40h	Parallel session 1	INMA Working Group: Protocols follow-up visit 14-16 years
			INMA Working Group: Obesity and Postnatal Growth
			INMA Working Group: Pubertal Development and Hormonal Alterations
			INMA Working Group: EMC Radiation
			INMA Working Group: Biomarkers
	12:40h –13:30h	Parallel session 2	INMA Working Group: Respiratory and Allergy
			INMA Working Group: Nutrition
			INMA Working Group: Air Pollution
			INMA Working Group: Neurodevelopment
	13:30h - 14:00h	Plenary Session (P)	Conference - Marieta Fernández "Human exposure to EDcs: analysing the real scenario "
	14:00h - 14:15h	Closure	Closing of the conferences Nicolás Olea
	14:15h	Lunch	

*** List of posters of the 14th INMA Scientific Conference 2017:**

• Session Monday, November 20, 16:20h-17:20h:

- Prenatal exposure to perfluoroalkyl substances and birth outcomes in a Spanish birth cohort. Cyntia B. Manzano-Salgado
- Prenatal exposure to perfluoroalkyl substances and immune and respiratory outcomes in children from a Spanish birth cohort study. Cyntia B. Manzano-Salgado
- Prenatal and postnatal exposure to tobacco smoking and molecular signatures in children Marta Vives (Mariona Bustamante)
- Dietary Inflammatory Index of mothers during pregnancy and ADHD symptoms in the child at preschool age: INMA and RHEA cohorts. Nerea Lertxundi
- Family context assessment in the INMA Project. Enrique Arranz
- Use of remote sensing to calculate land surface temperature. Montserrat de Castro
- AROPE indicators and internalizing and externalizing symptoms in children at 8-11 years old. Lúcia González
- How can we assess children commuting routes to school? Comparative between modelled and reported pedestrian routes using a new tool: mapping questionnaire. Marta Cirach
- Quality of the family context and behavioural and emotional disorders at the age of 4 and 8: INMA-Gipuzkoa. Jesús Ibarluzea
- Wireless communication and electronic media devices use and sleep in adolescents. Alba Cabré
- Children's exposure assessment of radiofrequency fields by spot and personal measurements. Mara Gallastegi
- Reproducibility and Validity of a Food Frequency Questionnaire Designed to Assess Diet in Children Aged 7-8y . Eva María Navarrete-Muñoz
- Traffic-related air pollution and overweight or obesity in school-aged children in Barcelona, Spain. Jeroen de Bont
- Selenium status during pregnancy: influential factors and effects on neuropsychological development among children in Valencia. Rubén Amorós
- Exposure and health risks perception of extremely low frequencies and radiofrequencies. Mara Gallastegi

• **Session Tuesday, November 21, 10:50h-11:50h:**

- Personal exposure to ultrafine particles and black carbon according to microenvironments in Valencian schoolchildren . Amparo Ferrero
- Organohalogen and mercury residues in fish from the Western Mediterranean Sea: concentrations, bioaccumulation and dietary exposure. Eva Junqué
- Analysis of metabolites of organophosphate and pyrethroid pesticides in children's urine from Italia. Natalia Bravo
- Prenatal co-exposure to neurotoxic metals and neurodevelopment at preschool age. Carmen Freire
- Placental metal concentrations and birth outcomes. Carmen Freire
- Examining potential effect modifiers on the relation between prenatal exposure to mercury and fetal growth. Ferran Ballester
- Maternal PFAS levels and longitudinal measures of fetal growth in the INMA Cohort. Olga Costa
- Influence of prenatal exposure to PBDEs on thyroid hormone levels and infant neurodevelopment. Ana Fernández Somoano
- Green space exposure and ultrasound measures of fetal growth: a Spanish birth cohort study. Marisa Estarlich
- Maternal smoking during pregnancy and offspring behaviour disorders and ADHD at 4-5 and 7-8 years. Juan José Aurrekoetxea
- Association between prenatal manganese exposure and long-term neuropsychological development at 4 years old in a population-based birth cohort. Ainara Andiarrena
- Changes in maternal urinary concentrations of parabens, phenols, and benzophenones during fetal life. The INMA-Valencia Cohort. Andrea Beneito
- Prenatal Exposure to Persistent Organic Pollutants (POPs) and Anogenital Distance in the INMA Asturias Cohort. Miguel García Villarino
- Comparability of the occupation encoded with CNO-94 and CNO-11 to construct the occupational social class. A sub-sample at INMA-Valencia. Ana Esplugues
- Methods to evaluate pubertal development at 9 years of age. The INMA Valencia-Cohort. Andrea Beneito

Activity accredited by the Faculty of Medicine of the University of Granada with the recognition of 1 ECTS credit

Organisers



Collaborators

