

Scientific Program:

Thursday October 27th

<p>9.00h – 9.30h Mod: Sabrina Llop, María José López- Espinosa (Room: "Auditori")</p>	<p>Welcome (Sr. Juli Fernández (Alcalde de Sabadell), Dr. Jordi Sunyer)</p>
<p>9.30h – 10.30h Mod: Maria-Jose Lopez-Espinosa (Room: "Auditori")</p>	<p><i>Plenary session</i></p> <ul style="list-style-type: none"> • Master lecture. Tony Fletcher (45'). <i>Perfluorinated compounds, birth outcomes and the exposome - how reliable is serum concentrations for assessing exposure.</i> Courtesy of Airpharm <p>Questions (15')</p>
<p>10.30h – 11.30h Mod: Maties Torrent (Room: "Auditori")</p>	<p><i>Child neuropsychological development (environmental and dietary factors)</i></p> <p>Oral communications from INMA researchers:</p> <ul style="list-style-type: none"> • <i>Drinking water disinfection by-products during pregnancy and child neuropsychological development in the INMA Spanish cohort study.</i> Esther Gracia (7') • <i>Prenatal exposure to organochlorine compounds and neuropsychological development in preschool children. The INMA birth cohort (Spain).</i> Maria-Jose Lopez-Espinosa (7') • <i>Maternal cell phone use during pregnancy and behavior problems in 5-7 year old children in five birth cohorts.</i> Laura Birks (7') • <i>Prenatal exposure to PFAS and neuropsychological development in 14-month-old children. The INMA Study.</i> Virginia Ballesteros (7') • <i>Dietary Inflammatory Index (DII) of mothers during pregnancy and of the child and ADHD symptoms at the age of 4 years. Preliminary results.</i> Nerea Lertxundi (7') <p>Questions (25')</p>
<p>11.30h – 12.00h (Room: "Cafeteria")</p>	<p>COFFEE (Press conference)</p>
<p>12.00h – 13.00 Mod: Martine Vrijheid (Room: "Auditori")</p>	<p><i>Child growth, respiratory health and eczema</i></p> <p>Oral communications from INMA researchers:</p> <ul style="list-style-type: none"> • <i>Prenatal mercury exposure and fetal development: Preliminary results in the four 'de novo' INMA cohorts.</i> Ferran Ballester (7') • <i>Prenatal air pollution exposure, infant growth and placental mtDNA content in the INMA birth cohort.</i> Diana Clemente (7') • <i>Exclusive Breastfeeding and Overweight/Obesity at 4 years.</i> Madalen Oribe (7') • <i>Combining prenatal and postnatal risk factors of childhood adiposity.</i> Silvia Fernández-Barrés (7') • <i>Exposure to perfluoroalkyl substances and metabolic outcomes in pregnant women.</i> Nuria Matilla (7') <p>Questions (25')</p>
<p>13.00h – 14.00h Mod: Marieta Fernández (Room: "Auditori")</p>	<p><i>Maternal and child environmental exposures</i></p> <p>Oral communications from INMA researchers:</p> <ul style="list-style-type: none"> • <i>Persistent pollutants in food items from Menorca and Mallorca Islands.</i> Eva Junque (7') • <i>Personal exposure to ultrafine particles according to type of environment in 10-year-old schoolchildren. Preliminary results from INMA Valencia cohort.</i> Amparo Ferrero (7') • <i>Characterisation of exposure to non-ionising electromagnetic fields in primary schools belonging to the study area of INMA-Gipuzkoa birth cohort.</i> Mara Gallastegi (7') • <i>Temporal trends of organochlorine compounds and PBDEs from utero until 4 years of age in the Asturias INMA cohort.</i> Mercè Gari (7') • <i>Variability of perfluoroalkyl substance concentrations in pregnant women by socio-demographic and dietary factors in a Spanish birth cohort.</i> Cyntia B. Manzano-Salgado (7') <p>Questions (25')</p>
<p>14.00h – 15.00h (Room: "Sala 1")</p>	<p>LUNCH</p>
<p>15.00h – 16.00h Mod: Ainara Andiarena</p>	<p><i>Child neuropsychological development (social, life style and hormonal factors)</i></p> <p>Oral communications from INMA researchers:</p> <ul style="list-style-type: none"> • <i>Assessing causality in the association between maternal pre-pregnancy obesity and child neuropsychological</i>

(Room: "Auditori")

development: observational and mendelian randomization analyses. Maribel Casas (7')

- *Parental Social Network, Quality of Family Context and Preschooler Mental Health.* Jesús Ibarluzea (7')
- *Association between maternal thyroid function in early pregnancy and offspring cognitive and psychomotor function; three European prospective birth cohorts.* Deborah Levie (7')
- *Longitudinal effects of physical activity and sedentary behaviors on working memory in children.* Mónica López-Vicente (7')
- *Family and social factors related to Internalizing and Externalizing Problems at age 9 in INMA-Valencia cohort.* Lúcia González (7')

Questions (25')

16.00h – 17.00h

Mod: Adonina Tardon
(Room: "Auditori")

Working Groups – Overview

- **Biomarkers Working Group.** Coordinator: Sabrina Llop (7')
Questions (8')
- **Air Pollution Working Group.** Coordinator: Marisa Estarlich (7')
Questions (8')
- **Neurodevelopment Working Group.** Coordinator: Jordi Julvez (7')
Questions (8')
- **Nutrition Working Group.** Coordinator: Jesús Vioque (7')
Questions (8')

17.00 – 17.30

(Room: "Cafeteria")

COFFEE

17.30h – 18.30h

Mod: Carmen Íñiguez
(Room: "Auditori")

Working Groups – Overview

- **Obesity and postnatal growth Working Group.** Coordinator: Martine Vrijheid (7')
Questions (8')
- **Next follow-up protocols Working Group.** Coordinator: Maribel Casas (7')
Questions (8')
- **EMF Radiation Working Group.** Coordinator: Mònica Guxens (7')
Questions (8')
- **Pubertal development and hormonal alterations Working Group.** Coordinator: M^a José Lopez-Espinosa (7')
Questions (8')

18.30h – 20.00h

(Room: "Hall")

Posters session. Invitation to attend this session will be sent to INMA Families, INMA schools, INMA collaborators, city council, local hospitals
Refreshment Courtesy of Airpharm (19h)

20.00h

(Room: "Sala 1")

Ludic activity

Friday October 28th

8.30h – 9.30h

(Room: "Sala 1")

INMA Direction Committee meeting

9.30h-10.00h

(Room: "Sala 1")

Plenary session

- Presentation of the birth cohort in Almeria: GENEIDA Project. *Marina Lacasaña (10')*
- Building a birth cohort to gain new insights into the early origins of asthma and allergy: rationale and design of the NELA study. *Eva Morales (10')*

Questions (10')

10.00h – 11.15h

(Room: "Sala 1")

(Room: "Sala 2")

(Room: "Sala 3")

Parallel meetings of INMA WG.

- INMA Working Group meeting. **Air Pollution**
- INMA Working Group meeting. **Neurodevelopment**
- INMA Working Group meeting. **Pubertal development and hormonal alterations**

11.15h – 11.45h

(Room: "(Cafeteria)")

COFFEE + FOTO

11.45h – 13.00h

(Room: “Sala 1”)

(Room: “Sala 2”)

Parallel meetings of INMA WG.

- INMA Working Group meeting. **Next follow-up protocols**
- INMA Working Group meeting. **Obesity and postnatal growth**

13.00h – 14.15h

(Room: “Sala 1”)

(Room: “Sala 2”)

(Room: “Sala 3”)

Parallel meetings of INMA WG.

- INMA Working Group meeting. **EMF Radiation**
- INMA Working Group meeting. **Biomarkers**
- INMA Working Group meeting. **Nutrition**

14.15h – 14.30 h

(Room: “Sala 1”)

Closure (María José Lopez-Espinosa and Sabrina Llop).

14.30h – 15.30h

(Room: “Sala 1”)

LUNCH

FINISH

* The availability of rooms and equipment is courtesy of the City Council of Sabadell.

Organisers



Collaborators

