Early Morning Sessions, Keynotes, Oral and Poster Sessions

Monday, October 20th

8:00-8:50  EARLY MORNING SESSIONS
  Coffee and tea will be provided in the room

Session 1  SENSING THE EXPOSOME; THE USE OF NOVEL TECHNOLOGIES IN EXPOSURE ASSESSMENT
  Mark Nieuwenhuijsen, CREAL, Barcelona
  Room: Ramon y Cajal
  Chair: Perry Hystad, Student and New Researchers Network, ISEE

Session 2  FUNDING OF YOUNG RESEARCHERS IN THE EUROPEAN UNION
  A brief introduction on EU funding
  Joana Porcel, Head, Projects Office, CREAL
  Views from an applicant and from an evaluation panel member
  Tim Nawrot, Hasselt University, Limburg, Belgium
  Jordi Sunyer, CREAL, Barcelona
  Room: Charles Darwin
  Chair: Shirra Freeman, Student and New Researchers Network, ISEE

9:00-9:10  WELCOME from the Organizers of the Conference and the Scientific Committee
  Manolis Kogevinas, Maribel Casas, Barbara Hoffman, and Mireille Toledano
  Room: Auditorium

9:10-9:40  Keynote 1
  EMF AND HEALTH – CURRENT STATUS AND FUTURE PERSPECTIVES
Elisabet Cardis, CREAL, Barcelona  
Room: Auditorium  
Chairs: Roel Vermeulen / Mireille Toledano

9:50-10:20  
Keynote 2  
TRAFFIC RELATED AIR POLLUTION AND NOISE: LESSONS TO TACKLE THE FUTURE  
Nino Künzli, Swiss Tropical and Public Health Institute Basel, Switzerland  
Room: Auditorium  
Chairs: Francesco Forastiere / Simon Birkett

Oral Session 1  
AIR POLLUTION  
11:00-12:30  
Room: Auditorium  
Chairs: Payam Dadvand / Valeria Motta

O-001 Road traffic noise in urban schools: indoor-outdoor characterization and correlation with air pollution - Maria Foraster (Abstract ID.173)  
O-002 Exposure to residential road traffic noise and risk for behavioural problems in 7-year old children: a cohort study - Dorrit Hjortebjerg (Abstract ID.199)  
O-003 Maternal air pollution and risk for offspring Type 1 diabetes- accounting for heritable factors - Ebba Malmqvist (Abstract ID.17)  
O-004 Improvement of lung function in elderly German women after reduction of air pollution: Results from the SALIA cohort study - Anke Hüls (Abstract ID.104)  
O-005 Elemental Constituents of Particulate Matter and Newborn’s Size in Eight European Cohorts: Results From the ESCAPE and TRANSPHORM Projects - Marie Pedersen (Abstract ID.172)  
O-006 Lower placental telomere length may be attributed to maternal residential traffic exposure; a twin study - Esmée Bijnens (Abstract ID.29)

Oral Session 2  
HEALTH IMPACT ASSESSMENT  
11:00-12:30  
Room: Ramon y Cajal  
Chairs: Susan Hodgson / Aurelio Tobias

O-007 Mixing layer height during Saharan dust episodes and daily mortality - Aurelio Tobias (Abstract ID.151)
<table>
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<tr>
<th>Oral Session 3</th>
<th>ENDOCRINE DISRUPTORS</th>
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<tr>
<td>11:00-12:30</td>
<td>Room: Charles Darwin</td>
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<td>Chairs: Nadia Vilahur / Harry Roels</td>
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<tr>
<td>O-013</td>
<td>Occupational exposure to endocrine disruptors and lymphoma risk in a multicentric European study - Laura Costas (Abstract ID.153)</td>
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<td>O-014</td>
<td>Impact of Prenatal Organochlorine Compounds on Early Neuropsychological Development - Aritz Aranbarri (Abstract ID.46)</td>
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<tr>
<td>O-015</td>
<td>Gestational Exposure to Endocrine-Disrupting Chemicals, and Child Weight Status at Age 7 Years, a Multipollutant Approach - Oliver Robinson (Abstract ID.48)</td>
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<tr>
<td>O-016</td>
<td>Prenatal exposure to persistent organic pollutants and risk of obesity in the offspring: RHEA mother-child cohort in Crete, Greece - Marina Vafeiadi (Abstract ID.208)</td>
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<tr>
<td>O-017</td>
<td>Temporal trends in concentrations and total serum burdens of organochlorine compounds from birth until adolescence and the role of breastfeeding - Mireia Gascon (Abstract ID.31)</td>
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<tr>
<td>O-018</td>
<td>Prenatal exposure to phthalates, perfluoroalkyl acids and organochlorines and term birth weight: a multi-pollutant penalized regression analysis - Virissa Lenters (Abstract ID.177)</td>
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<tr>
<th>Oral Session 4</th>
<th>TEMPERATURE, CLIMATE CONDITIONS, AND GREEN SPACES</th>
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<tr>
<td>13:30-15:00</td>
<td>Room: Auditorium</td>
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<td>Chairs: Rebecca Ghosh / Massimo Stafoggia</td>
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O-019 Ambient temperature as trigger of preterm delivery in a temperate climate - Bianca Cox (Abstract ID.203)

O-020 Heat-related cardiovascular mortality risk in Cyprus - Malgosia J. Lubczyńska (Abstract ID.64)

O-021 Increased risk of preterm birth after exposure to elevated temperatures. Evidences from two different climatic locations in Europe - Ana M. Vicedo-Cabrera (Abstract ID.163)

O-022 High ambient temperatures and traffic accidents - Xavier Basagaña (Abstract ID.109)

O-023 Inequality, Green Spaces, and Pregnant Women: Roles of Ethnicity and Individual and Neighbourhood Socioeconomic Status - Payam Dadvand (Abstract ID.210)

O-024 Effects of high temperature and air pollution on the risk of preterm births. Cohort study in six Italian cities; 2001-2010 - Federica Asta (Abstract ID.147)

Oral Session 5

METHODS AND MODELING / GIS | Session 1

13:30-15:00 Room: Ramon y Cajal
Chairs: Lydiane Agier / Inmaculada Aguilera

O-025 Performance of variable selection methods for correlated exposures and logistic models - Virissa Lenters (Abstract ID.178)

O-026 Population level estimates of PM2.5 and NOX exposure using GIS, travel routing APIs and micro-environmental modelling - James David Smith (Abstract ID.72)

O-027 Variable selection in environmental epidemiology – classical statistic approaches vs. DAG-based theory - Frauke Hennig (Abstract ID.142)

O-028 Noise annoyance - exposure relationship as a validation criterion for evaluating exposure assessment quality - Danielle Vienneau (Abstract ID.169)

O-029 Application of Land Use Regression modeling to assess the spatial distribution of road traffic noise in three European cities - Inmaculada Aguilera (Abstract ID.28)

O-030 Assigning air pollution estimates based on land use regression models: Where are the uncertainties and how can we characterize them? - Jelle Vlaanderen (Abstract ID.204)

Oral Session 6

RADIATION

13:30-15:00 Room: Charles Darwin
Chairs: Anke Huss
O-031 Comparison between direct measurements and modeled estimates of external radiation exposure amongst school children 18 to 30 months after Japan’s Fukushima nuclear accident - Shuhei Nomura (Abstract ID.45)

O-032 Mobi-Expo: Using software-modified smartphones to characterise phone use in children, adolescents, and young adults - Geertje Goedhart (Abstract ID.62)

O-033 Mobile phone use during night and its impact on non-specific symptoms of ill health and cognitive functions in adolescents - Anna Schoeni (Abstract ID.133)

O-034 Predicting Vitamin D Status in Middle-aged Adults using Meteorological Data and Intrinsic Characteristics - Mark Cherrie (Abstract ID.61)

O-035 Radiofrequency electromagnetic fields from mobile phones in the Netherlands (COSMOS): a Bayesian methodological framework for assessing time-varying exposures - Marije Reedijk (Abstract ID.130)

O-036 Development of an RF-EMF exposure surrogate for epidemiologic research from modeling, personal measurements and operator data - Katharina Roser (Abstract ID.141)

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**Poster Session 1**

15:00-16:30  
*Place: Patio Ground Floor*

**P-001**  
Associations of accumulated exposure to persistent organic pollutants with serum lipids and obesity - Juan P. Arrebola (Abstract ID.186)

**P-002**  
Incinerators Biomonitoring Study: Study design and recruitment - Danielle Ashworth (Abstract ID.156)

**P-003**  
Short term effect of high temperature and air pollutants on work injuries in Rome, 2001-2010 - Federica Asta (Abstract ID.148)

**P-004**  
Stability of perfluoroalkyl acids in full blood from pregnant women - Cathrine Carlsen Bach (Abstract ID.20)

**P-005**  
Parental occupational pesticide exposure and the risk of childhood leukemia in the offspring: Findings from the Childhood Leukemia International Consortium - Helen D Bailey (Abstract ID.18)

**P-006**  
Association of air pollution and types of rhinitis defined by a clustering analysis - Emilie Burte (Abstract ID.180)

**P-007**  
Exposure to Bisphenol A and Phthalates during pregnancy and Fetal Growth - Maribel Casas (Abstract ID.144)

**P-008**  
Determinants of maternal plasma PCB-153 in the Norwegian Mother and Child Cohort Study (MoBa) - Ida Henriette Caspersen (Abstract ID.200)

**P-009**  
Ambulatory air quality monitoring in free-living populations: the CITI-SENSE Barcelona pilot case study - Tom Cole-Hunter (Abstract ID.4)
P-010  Do occupational and environmental exposures influence multiple sclerosis? - Francesca Collino (Abstract ID.138)

P-011  Are pesticides and solvents risk factors for a more severe form of multiple sclerosis? - Francesca Collino (Abstract ID.139)

P-012  Health effects of non-occupational exposure to upstream oil extraction industry: an important but poorly studied topic - Cristina O’Callaghan-Gordo (Abstract ID.121)

P-013  An indicators system for assessment of health vulnerability to Climate Change and Variability: The case of Dengue - Daniel E Cuartas (Abstract ID.112)

P-014  Indoor work, ultraviolet radiation, light exposure, and the risk of depression and multiple sclerosis - Stine Daugaard (Abstract ID.98)

P-015  A new, efficient web-based tool to collect and code lifetime job-histories in large population-based studies: the UK Biobank COPD project - Sara De Matteis (Abstract ID.103)

P-016  A spatiotemporal, route-enabled framework to disentangle personal exposure and dose indicators for noise and air pollution - Luc Dekoninck (Abstract ID.127)

P-017  Noise exposure and its spectral components as a proxy for particulate matter exposure in different micro-environments - Luc Dekoninck (Abstract ID.128)

P-018  Phthalate exposure and child neurodevelopment: The Polish Mother and Child Cohort Study - Kinga Polańska (Abstract ID.19)

P-019  Night-time road traffic noise and symptoms of insomnia - Jorunn Evandt (Abstract ID.116)

P-020  Road traffic noise and register-based use of sleep medication - Jorunn Evandt (Abstract ID.117)

P-021  PubMed search strings for the study of putative environmental determinants of disease - Andrea Farioli (Abstract ID.154)

P-022  Secondary School Cohort Study of Mobile Phone Use and Neurocognitive and Behavioural Outcomes – aims and study design - Charlotte Fleming (Abstract ID.146)

P-023  Association between long-term transportation noise annoyance and physical activity - Maria Foraster (Abstract ID.174)

P-024  Perfluoroalkyl substances measured in breast milk and child neuropsychological development at 24 months old in a Norwegian birth cohort study - Joan Forns (Abstract ID.10)

P-025  Relationship between Cataract and Sun-Related Skin Conditions - Mira Friedman (Abstract ID.50)

P-026  Why Endocrine Disrupting Chemicals (EDCs) Challenge Traditional Risk Assessment and How to Respond - Vivian Futran Fuhrman (Abstract ID.52)
P-027 Mobile phone antennas: localization and proximity to sensitive areas in the INMA-Gipuzkoa study area - Mara Gallastegi (Abstract ID.21)

P-028 Biomonitoring of a population living near solid waste incinerator: presentation of SpoTT program - Martina Gandini (Abstract ID.106)

P-029 Inverse age-dependent accumulation of decabromodiphenyl ether and other PBDEs in serum from a general adult population - Mercè Garí (Abstract ID.23)

P-030 Temporal trends in concentrations and total serum burdens of organochlorine compounds from birth until adolescence and the role of breastfeeding - Mireia Gascon (Abstract ID.31)

P-031 Prenatal exposure to phthalates and cognitive, psychomotor and behavioral development during childhood - Mireia Gascon (Abstract ID.32)

P-032 Validating self-reported mobile phone use in adults using a newly developed smartphone application - Geertje Goedhart (Abstract ID.22)

P-033 Insights on the potential exposure to toxic metabolites formed during biodegradation of the anticonvulsant drug carbamazepine - Naama Golan-Rozen (Abstract ID.53)

P-034 Prenatal exposure to Endocrine Disrupting Chemicals (EDCs) and Small/Large for Gestational Age (SGA/LGA): pooled analyses within seven European birth cohorts - Eva Govarts (Abstract ID.140)

P-035 Exposures to environmental contaminants in French mothers of newborns, 2011: first results from the French biomonitoring program - Laurence Guldner (Abstract ID.119)

P-036 Retrospective modeling outdoor air pollution at a fine spatial scale in France, 1989-2008 - Laurence Guldner (Abstract ID.120)

P-037 The association between road traffic noise exposure, annoyance and health-related quality of life (HRQOL) - Harris Héritier (Abstract ID.9)

P-038 Potential public health risks of the use of unregulated cosmetic products “skin lightening creams” in the UK - Susan Hodgson (Abstract ID.167)

P-039 Health effects of microbes and microbial toxins in severely moisture damaged homes - Kati Järvi (Abstract ID.37)

P-040 Phthalate metabolite concentrations in plasma, urine and milk following acute exposure to DEHP—a large animal biomonitoring model - Dorit Kalo (Abstract ID.66)

P-041 Assessment of cytogenetic abnormalities in miners of coal enterprises - Iryna Klimkina (Abstract ID.107)

P-042 The natural history of transcriptomic markers of chronic lymphocytic leukemia; comparison of pre-diagnostic and clinical profiles - Max Leenders (Abstract ID.161)
P-043 Detecting differentially abundant microbial taxa using compositional methods - Siddhartha Mandal (Abstract ID.54)

P-044 Perfluoroalkyl substances in maternal plasma and cord serum samples during pregnancy in Spain: Results of a pilot study - Cyntia B Manzano-Salgado (Abstract ID.113)

P-045 A new study on the effect of exposure to air pollution in a multicenter birth cohort in Italy: the Piccolipiù project - Silvia Narduzzi (Abstract ID.166)

P-046 Mortality risk of evacuations amongst nursing home residents after the 2011 Fukushima nuclear accident, Japan: a retrospective cohort survival study - Shuhei Nomura (Abstract ID.89)

P-047 Assessment of dietary exposures to “emerging” environmental contaminants in epidemiological studies - Eleni Papadopoulou (Abstract ID.69)

P-049 Exposure to electromagnetic field of non-ionizing radiation: Possible cognitive and behaviOral effects? - Rocío Pérez-Lobato (Abstract ID.74)

P-050 Iodine levels and its association with cognitive and behavior functioning in healthy boys at 10 years of age - Rocío Pérez-Lobato (Abstract ID.75)

P-051 Effects of urban railway noise on human health: an epidemiological approach in Pisa (the SERF study) - Davide Petri (Abstract ID.175)

P-052 Health effects of local heating and traffic inducted particles in RHINE Tartu - Mihkel Pindus (Abstract ID.14)

P-053 Exploring inter-rater reliability and measurement properties of environmental ratings using kappa and colocation quotients - Ralf Rittner (Abstract ID.99)

P-054 Ambient Air Pollution and Newborn’s Size at Birth: Differences by Maternal Ethnicity – Results from the Born in Bradford Study Cohort - Anna Schembari (Abstract ID.212)

P-055 Residence near electrical transformer rooms and risk of childhood leukemia: an Italian population-based case-control study - Simone Storani (Abstract ID.124)

P-056 Personal exposure to PM2.5, PAHs and BC in Ostrava, Czech Republic - Vlasta Svecova (Abstract ID.11)

P-057 Occupational exposure to solvents and acute myeloid leukaemia: a population based case-control study in four Nordic countries - Madar Talibov (Abstract ID.100)

P-058 Case:control matching strategies on associations between cellular telephone use and glioma risk in the INTERPHONE study - Michelle C. Turner (Abstract ID.194)

P-059 Traffic noise in relation to self-reported mental health - Anu Turunen (Abstract ID.105)
P-060 Association between long-term exposure to air pollution and ambient noise with Mild Cognitive Impairment (Heinz Nixdorf-Recall Study cohort) - Lilian Tzivian (Abstract ID.95)

P-061 Childhood Growth and Blood Pressure in Relation to Prenatal Phthalate Exposure - Damaskini Valvi (Abstract ID.83)

P-062 Shift Work and Adverse Health Effects – A Multidimensional Exposure - Daniëlla van de Langenberg (Abstract ID.77)

P-063 Mapping spatial variation in exposure to urban air pollution using mobile measurements: development and validation of a methodology - Joris Van den Bossche (Abstract ID.114)

P-064 Mapping exposure to urban air pollution based on mobile measurements by city guards in Antwerp, Belgium - Martina Gandini (Abstract ID.115)

P-065 Ultrafine Particles in the Surroundings of Fast Food Restaurants - Cristina Vert (Abstract ID.143)

P-066 Road traffic noise and children’s sleep - Kjell Vegard Weyde (Abstract ID.63)

16:30-17:15  **Keynote 3**

**STUDIES OF AIR POLLUTION, ADVERSE PREGNANCY OUTCOMES, NEURO-DEVELOPMENT AND CHILDHOOD CANCER IN CALIFORNIA**

*Beate Ritz*, UCLA School of Public Health, US

Room: Auditorium

Chairs: Tamara Schikowski / Jordi Sunyer

17:15-18:00  **Drinks**

Open air terrace in front of the Auditorium
Tuesday, October 21st

9:00-10:30  “THE EXPOSOME CONCEPT”

Keynote 4  PROMISES – Martine Vrijheid, CREAL, Barcelona

Keynote 5  CHALLENGES – Roel Vermeulen, Institute of Risk Assessment Sciences at Utrecht University, The Netherlands

JOINT DISCUSSION
Room: Auditorium
Chairs: Tim Nawrot / Mark Nieuwenhuijsen

Oral Session 7  MOLECULAR / BIOMARKERS
11:00-12:30  Room: Auditorium
Chairs: Tim Nawrot / Marie Pedersen

O-037 A Genome-Wide Association study of attention function in children from the general population - Silvia Alemany (Abstract ID.80)

O-038 MicroRNA expression profiling in an obese population exposed to ambient particulate matter - Valeria Motta (Abstract ID.65)

O-039 In utero Exposure to Fine Particle Air Pollution: Using Placental Gene Expression of the BDNF Signaling Pathway to Explore Fetal Neural Development - Nelly D. Saenen (Abstract ID.27)

O-040 Mitochondrial DNA methylation as mediator of in utero effects of particulate air pollution on the placenta. A regulating role of thyroid hormones? - Bram G Janssen (Abstract ID.191)

O-041 Genome-wide DNA methylation analysis on long-term trihalomethane exposure in drinking water - Lucas A. Salas (Abstract ID.71)

O-042 Placental genome-wide DNA methylation in relation to the combined exposure to xenoestrogens - Nadia Vilahur (Abstract ID.123)

Oral Session 8  AIR POLLUTION, CVD, AND MORTALITY
11:00-12:30  Room: Ramon y Cajal
Chairs: Danielle Vienneau / Barbara Hoffmann

O-043 Carotid intima-media thickness is positively associated with subchronic personal exposure to black carbon: a study in a panel of healthy adults - Eline B Provost (Abstract ID.40)
O-044 Fine and ultrafine particle concentrations and daily mortality in the Ruhr Area, Germany: A time series analysis - Frauke Hennig (Abstract ID.102)

O-045 Health Effects of Ultrafine Particles in Central Europe - Preliminary Results from the UFIREG Project - Stefanie Lanzinger (Abstract ID.57)

O-046 Analysis of hospital admissions due to accidental non-fire related Carbon Monoxide poisoning in England, between 2001 and 2010 - Rebecca E Ghosh (Abstract ID.183)

O-047 Long-Term Ozone Exposure and Cardiovascular Mortality in a Large-Scale Prospective Study - Michelle C. Turner (Abstract ID.193)

O-048 Do Gender and Age Modify the Effect of Dust Exposure on Cardiovascular and Respiratory Morbidity? - Alina Vodonos (Abstract ID.51)

**Oral Session 9  WATER**
11:00-12:30  Room: Charles Darwin

Chairs: Cristina Villanueva / Manolis Kogevinas

O-049 Exposure to disinfection-by products in swimming pools and short-term respiratory effects, the Piscina2 Study - Laia Font-Ribera (Abstract ID.93)

O-050 The relationship between exposure to trihalomethanes and haloacetic acids in drinking water during pregnancy, fetal growth outcomes and ethnicity in the Born in Bradford cohort - Rachel B Smith (Abstract ID.195)

O-051 Are high fluoride levels in drinking water associated with hypothyroidism prevalence in England? - Sarah Spencer (Abstract ID.129)

O-052 Arsenic in drinking water: cohort study on mortality risks among exposed populations in Central Italy, 1990-2010 - Enrica Santelli (Abstract ID.150)

O-053 Evaluating the uptake of pharmaceuticals and assessing the risks of this exposure pathway in crops irrigated with treated wastewater - Tomer Malchi (Abstract ID.15)

O-054 Correlation between different disinfection byproducts in swimming pool water and trihalomethanes in exhaled breath after swimming - Cristina M Villanueva (Abstract ID.94)

**Oral Session 10  METHODS AND MODELING / GIS | Session 2**
13:30-15:00  Room: Auditorium

Chairs: Susan Hodgson / Rebecca Ghosh

O-055 SIGEXPO: Environmental determinant of agricultural pesticides concentration in indoor dust in France - Rémi Béranger (Abstract ID.81)
O-056 Acrylonitrile exposure assessment following a major train accident in Belgium: a human biomonitoring study in the general population - Tom De Smedt (Abstract ID.162)

O-057 Personal exposure to and inhalation of black carbon particles: Environmental inequity - Evi Dons (Abstract ID.56)

O-058 Exposure assessment in environmental epidemiology: Dispersion models and human biomonitoring - Lisa Bauleo (Abstract ID.185)

O-059 Evaluation of vegetation as a barrier to near-highway pollutant transport onto a school campus - Christina H. Fuller (Abstract ID.190)

O-060 Polycyclic aromatic hydrocarbon exposure and household solid fuel combustion in Xuanwei and Fuyuan Counties, China - George S Downward (Abstract ID.42)

Oral Session 11  CANCER
13:30-15:00  Room: Ramon y Cajal
Chairs: Sara de Matteis

O-061 Long-term exposure to nitrate in drinking water and colorectal cancer risk - Nadia Espejo-Herrera (Abstract ID.88)

O-062 Total Effective Xenoestrogen Burden (TEXB) and breast and prostate cancer risk - Gemma Castaño-Vinyals (Abstract ID.171)

O-063 DNA damage in adolescents and the relation with environmental pollutants present in their life environment (2nd Flemish Environment and Health Study (FLEHSII)) - Carmen Franken (Abstract ID.196)

O-064 Sleep and gastrointestinal cancer risk in the MCC-Spain case-control study - Kyriaki Papantoniou (Abstract ID.159)

O-065 Colorectal cancer and long-term trihalomethane exposure - Esther Gracia-Lavedan (Abstract ID.86)

O-066 Effect of environmental, dietary and life-style exposures on blood micronuclei frequencies in pregnant mothers and newborns from Crete (Rhea cohort) - Cristina O'Callaghan-Gordo (Abstract ID.5)

Oral Session 12  MOTHER / CHILD
13:30-15:00  Room: Charles Darwin
Chairs: Maribel Casas / Monica Guxens

O-067 The correlation structure of the Pregnancy Exposome: multiple environmental exposures in the INMA-Sabadell Birth Cohort - Oliver Robinson (Abstract ID.60)
O-068 The shape of the association between fetal growth and maternal particulate air pollution and effect modification by gestational duration - Ellen Winckelmans (Abstract ID.33)

O-069 Nation-wide analysis of the impact of smoke-free legislation on preterm birth rates in Switzerland - Ana M. Vicedo-Cabrera (Abstract ID.164)

O-070 Long term Air pollution exposure and use of Assisted Reproductive Technology in Barcelona - Benedicte Jacquemin (Abstract ID.206)

O-071 Prenatal environmental lithium exposure and health effects - Florencia Harari (Abstract ID.122)

O-072 Prenatal Exposure to Ambient Air Pollution and Fetal Ultrasound Measures – results from the Born in Bradford cohort study - Anna Schembari (Abstract ID.197)

Poster Session 2

15:00-16:30 Place: Patio Ground Floor

P-048 Night shift work, chronotype and prostate cancer risk in the MCC-Spain case-control study - Kyriaki Papantoniou (Abstract ID.160)

P-067 Maternal smoking during pregnancy and placental DNA methylation - Emilie Abraham (Abstract ID.189)

P-068 Air pollution and pediatric hospitalizations for respiratory causes: results from the Italian EpiAir multicenter study - Ester Rita Alessandrini (Abstract ID.108)

P-069 Association of Exposure to Air Pollution and Asthma among Preschool Children - Sandra Andrušaitytė (Abstract ID.59)

P-070 Sex matters for epidemiological neuroscience - Aritz Aranbarri (Abstract ID.67)

P-071 Long-term exposure to polycyclic aromatic hydrocarbons (PAH) and incidence of stroke in the Rome Longitudinal Study, 2008-2012 - the EXPAH project - Chiara Badaloni (Abstract ID.137)

P-072 Carbon loading in airway macrophages as a biomarker of exposure to traffic-derived particulate matter air pollution - Yang Bai (Abstract ID.30)

P-073 Domestic exposure to Carbon Monoxide and PM2.5 in biomass fuel households in Janakpur, Nepal - Suzanne E Bartington (Abstract ID.165)

P-074 Irritative symptoms in swimming pool workers: is there any exposure index available? - Emanuele Bottosso (Abstract ID.78)

P-075 Quantitative Risk Assessment of Greywater Reuse Determined by Epidemiological Study and QMR - Allison Busgang (Abstract ID.25)

P-076 Road traffic air pollution, noise and cardio-respiratory in European cohorts: a harmonised approach in the BioSHaRE project - Samuel Cai (Abstract ID.118)
P-077 Asthma management in childhood: integrating environmental history forms in the clinical assessment - Ferran Campillo i López (Abstract ID.110)

P-078 Changing places to study the medium-term effects of air pollution: pulmonary function - Lidia Casas (Abstract ID.126)

P-079 Matphyto program: crop exposure matrices for retrospective pesticides exposure assessment - Laura Chaperon (Abstract ID.136)

P-080 Birth Weight and Ambient Air Pollution: the Role of Mitochondrial DNA Content - Diana B. Clemente (Abstract ID.34)

P-081 Developing Public Health England guidance for an integrated approach to responding to reports of disease clusters - Rebecca M. Close (Abstract ID.181)

P-082 Impact of traffic-related air pollution and noise on heart rate variability in healthy adults: effect modification by sex and physical activity - Tom Cole-Hunter (Abstract ID.3)

P-083 Air Pollution and Biomarkers of Systemic Inflammation and Tissue Repair in COPD Patients - Payam Dadvand (Abstract ID.211)

P-084 Health effects of magnesium deficiency in drinking water – the case of water desalination - Dikla Dahan-Shriki (Abstract ID.55)

P-085 Dose-response relationships of trace metals and various effect markers in newborn/mother pairs, adolescents and adults of the Flemish population - Sam De Craemer (Abstract ID.41)

P-086 Is living near a composting facility associated with increased respiratory hospital admissions? A pilot study - Philippa Douglas (Abstract ID.168)

P-087 Are male immigrants in Denmark at lower or higher risk of tobacco related cancers? – A Danish nationwide cohort study - Simon Ducarroz (Abstract ID.68)

P-088 Genetic susceptibility and night shift work in relation to prostate cancer in the MCC-Spain study - Ana Espinosa (Abstract ID.70)

P-089 Traffic-related air pollution and risk of childhood leukemia: a meta-analysis - Tommaso Filippini (Abstract ID.26)

P-090 Contact to water hardness and eczema at 14 months in the INMA Spanish birth cohort - Laia Font-Ribera (Abstract ID.97)

P-091 Interdependence between urinary cobalt concentrations and hemoglobin levels in pregnant women - Marta Fort (Abstract ID.35)

P-092 The online Environment and Health Atlas for England and Wales - Rebecca E Ghosh (Abstract ID.184)

P-093 Effect of aircraft noise on blood pressure in the population residing near six Italian airports: the SERA national survey - Martina Nicole Golini (Abstract ID.111)

P-094 GIS contribution for developing an indicator of pesticide exposure in agriculture in France - Laurence Guldner (Abstract ID.149)
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<tr>
<th>Abstract ID</th>
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<tr>
<td>P-095</td>
<td>Nutritional deficiencies in the pediatric age group in a multi-cultural developed country - Israel</td>
<td>Motti Haimi (Abstract ID.2)</td>
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<td>P-096</td>
<td>Air pollution exposure and sperm quality in donors in Barcelona</td>
<td>Benedicte Jacquemin (Abstract ID.207)</td>
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<td>P-097</td>
<td>Cellular DNA damage-related genes in association with in utero particulate matter exposure: p53 as a central hub</td>
<td>Bram G Janssen (Abstract ID.192)</td>
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<td>P-098</td>
<td>Iodine status during pregnancy affects offspring birth size</td>
<td>Maria Kippler (Abstract ID.47)</td>
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<td>P-099</td>
<td>Exposure to Hepatitis B and C and susceptibility to B-cell non-Hodgkin Lymphoma (B-NHL) among Israelis and Palestinians; A Case-Control Study</td>
<td>Geffen Kleinstern (Abstract ID.101)</td>
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<td>P-100</td>
<td>Physical Activity through Sustainable Transport Approaches: designing a study to quantify the health benefits and risks of active mobility</td>
<td>Michelle Laeremans (Abstract ID.134)</td>
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<td>P-101</td>
<td>Atmospheric exposure assessment around municipal solid waste incinerators</td>
<td>María Leal-Sánchez (Abstract ID.176)</td>
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<td>P-102</td>
<td>Incidence of allergy medication purchase in children growing up close to traffic</td>
<td>Anna Lindgren (Abstract ID.36)</td>
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<tr>
<td>P-103</td>
<td>Blood pressure changes in association with personal black carbon exposure are not mediated through microcirculatory responses</td>
<td>Tijs Louwies (Abstract ID.39)</td>
</tr>
<tr>
<td>P-104</td>
<td>Cord plasma levels of insulin and early life exposure to particulate air pollution</td>
<td>Narjes Madhloum (Abstract ID.152)</td>
</tr>
<tr>
<td>P-105</td>
<td>Cord blood lipidomics in association with maternal current and past tobacco exposure</td>
<td>Dries Martens (Abstract ID.202)</td>
</tr>
<tr>
<td>P-106</td>
<td>The association between long-term exposure to air pollution and immune system</td>
<td>Nahid Mostafavi (Abstract ID.43)</td>
</tr>
<tr>
<td>P-107</td>
<td>Environmental exposure to ultrafine particles in Sardinia, Italy: a pilot study of residential exposure nearby military and civil airports</td>
<td>Marcello Noli (Abstract ID.158)</td>
</tr>
<tr>
<td>P-108</td>
<td>Does indoor air pollution affect pregnancy outcome? An overview of the epidemiological evidence</td>
<td>Evridiki Patelarou (Abstract ID.38)</td>
</tr>
<tr>
<td>P-109</td>
<td>Long-term particulate air pollution in association with the mitochondrialtelomere axis of ageing</td>
<td>Nicky Pieters (Abstract ID.145)</td>
</tr>
<tr>
<td>P-110</td>
<td>Health Effects from Wind Turbine Noise – a Register Based Cohort Study</td>
<td>Aslak Harbo Poulsen (Abstract ID.125)</td>
</tr>
<tr>
<td>P-111</td>
<td>Relationship between atrial fibrillation and air pollution: a time series study</td>
<td>Matteo Renzi (Abstract ID.84)</td>
</tr>
</tbody>
</table>
P-112 MED HISS Project. Study design and air pollution assessment - Maria Rowinski (Abstract ID.155)

P-113 Gene expression changes after swimming in a chlorinated pool - Lucas A. Salas (Abstract ID.85)

P-114 The dose-response relationship between exposure to arsenic in drinking water and mortality: a cohort study in Viterbo province, Italy (1990-2010) - Enrica Santelli (Abstract ID.188)

P-115 Short term-effect of particulate matter and gaseous pollutant in the Po valley - Cecilia Scarinzi (Abstract ID.96)

P-116 Changing places to study the medium-term effects of air pollution: carotid arterial stiffness - Hans Scheers (Abstract ID.132)

P-117 Exposure to Ambient Air Pollution and Maternal Blood Pressure Changes During Pregnancy, Differences by Ethnicity - Anna Schembari (Abstract ID.198)

P-118 Short-term associations between air pollution and sales of reimbursed respiratory drugs in Brussels - Koen Simons (Abstract ID.135)

P-119 Impact of exposure to traffic-related air pollution on physical development in preschool children - Inga Uždanavičiūtė (Abstract ID.58)

P-120 Short-Term Effects of Ambient Air Pollution on Asthma Symptoms - Helena Velická (Abstract ID.131)

P-121 Noise annoyance - exposure relationship as a validation criterion for evaluating exposure assessment quality - Danielle Vienneau (Abstract ID.169)

P-122 Association of air pollution with specific cognitive functions and its modification by APOE gene variants in the SALIA cohort - Mohammad Vossoughi (Abstract ID.82)

P-123 More than just water damage: development of a tool for assessing exposure to flooding and associated disruption - Thomas Waite (Abstract ID.214)

P-124 Air pollution and Low Density Lipoprotein (LDL) Cholesterol levels - Maayan Yitshak-Sade (Abstract ID.49)

P-125 Road traffic noise, blood pressure and heart rate in the LifeLines Cohort Study - Wilma Zijlema (Abstract ID.44)

16:30-17:00 CLOSING SESSION: PRESENTATION OF BEST ABSTRACT AWARDS, FAREWELL
Room: Auditorium
Chairs: Barbara Hoffmann/Mireille Toledano