Environmental Exposures and Child Health:
Findings from 10 Years of the Rhea Birth Cohort Study in Crete

June 4th 2019, School of Medicine, Room 7A1.3, University of Crete, Heraklion, Crete, Greece

10:00 – 10:15	**Welcome, agenda** - Christos Lionis, MD, PhD, Head of the Department of Social Medicine, Professor of General Practice and Primary Health Care, University of Crete - Leda Chatzi, MD, PhD, PI of the Rhea cohort, Associate Professor of Preventive Medicine, University of Southern California; Assistant Professor of Nutritional Epidemiology, University of Crete
10:15 – 11:00	**The Rhea birth cohort study in Crete:** **Environmental contributions to child metabolic health** Marina Vafeiadi, PhD, Postdoctoral Researcher in Environmental Epidemiology, University of Crete
11:00 – 11:45	**Determinants of NAFLD in children** Miriam Vos, MD, MSPH, Associate Professor of Pediatrics, Emory University
11:45 – 12:15	**Coffee break**
12:15 – 13:00	**The Southern California Children's Health Study: Results and Implications for Policy** Rob McConnell, MD, Professor of Preventive Medicine, University of Southern California
13:00 – 14:00	**Lunch Break**
14:00 – 15:00	**-Association between prenatal exposure to multiple metals and maternal thyroid hormone levels** Katerina Margetaki, MSc., Statistician, University of Crete **-Infection acquisition in early life and health outcomes in childhood** Marianna Karachaliou, MD, PhD, Pediatrician, University of Crete **-Gestational sleep deprivation is associated with higher offspring's BMI and blood pressure** Despo Ierodiakonou, MD, PhD, General practitioner, University of Crete **-Environmental factors and child oral health** Maria Alexaki, MPH, Pediatric Dentist , University of Crete

15:00 – 15:30	**The HELIX project**
	Martine Vrijheid, PhD, Research Professor, Institute for Global Health (ISGlobal), Barcelona, Spain
15:30 – 15:45	**Coffee break**
15:45 – 16:45	**Statistical approaches for integrating multi-omics data with phenotypic traits**
	David Conti, PhD, Professor of Preventive Medicine, University of Southern California
16:45 – 18:00	**A Latent Unknown Clustering approach Integrating Multi-Omics Data (LUCID): An application example**
	Nikos Stratakis, PhD, Postdoctoral Researcher in Nutritional Epidemiology, University of Southern California