HUMAN HEALTH AND ENVIRONMENTAL POLLUTION

Thursday, November 17th, 2022
Genopolys, Montpellier

PROGRAM OF THE SYMPOSIUM
**Welcome coffee and registration**
8:15-8:45

**Openings**
8:45-9:00
- Pr Philippe Augé, President of the University of Montpellier
- Pr Isabelle Laffont, Dean of the new Faculty of Medicine of Montpellier
- Dr Pierre-Emmanuel Milhiet, Director of the BioHealth Department of the University of Montpellier

**Presentation of the PIA4 “ExposUM” project** by Pr Eric Delaporte, TransVIHMI, Montpellier
9:00-9:15

**OPENING KEYNOTE**
9:15-9:55
- Introduction by Pr Isabella Annesi-Maesano, IDESP, Montpellier
- Assessing biological ageing using “omic” clocks
  - Pr Oliver Robinson, Imperial College, London, UK

**SESSION 1: METABOLIC DISEASES**
Chairman: Dr William Bourguet, CBS, Montpellier
10:00-10:25
- The European GOLIATH project: studying the role of environmental pollution in metabolic disorders
  - Pr Juliette Legler, Utrecht University, Netherlands
- Pollutants and metabolic diseases, a complex interaction - the diverse roles of AHR in these regulatory processes
  - Pr Xavier Couroul, INSERM UMR-S 1124 - T3S, Paris
- Cryo-EM structure of the aryl hydrocarbon receptor (AHR) cytosolic complex
  - Dr Jakub Gruszczyk, CBS, Montpellier

**Coffee break**
10:25-10:50

**SESSION 2: RESPIRATORY DISEASES**
Chairman: Pr Arnaud Bourdin, PhyMedExp, Montpellier
10:50-11:15
- The Epithelial Barrier Hypothesis
  - Pr Cezmi Adkis, Swiss Institute of Allergy and Asthma Research, Davos
- Modélisation cellulaire et Animale
  - Pr Arnaud Bourdin, PhyMedExp, Montpellier

**Coffee break & poster session**
11:15-11:30

**SESSION 3: NEUROLOGICAL DISEASES**
Chairman: Pr Sylvain Lehmann, INM, Montpellier
11:30-11:55
- The ENDpoiNTs project: Identifying Endocrine Disruption-Induced Developmental Neurotoxicity
  - Andrea Cediel Ulloa, Uppsala University, Sweden
- Paraquat and Parkinson’s disease
  - Dr Anna Bencsik, ANSES, Lyon
- Impact of anilinoprimidine fungicide residues on neurodevelopment and cognition
  - Dr Véronique Perrier, INM, Montpellier

**Coffee break & poster session**
11:55-12:20

**SESSION 4: DETECTION AND PREVENTION OF POLLUTION**
Chairman: Dr Patrick Balaguer, IRCM, Montpellier
12:20-12:45
- Effect-directed analysis to assess human exposure to chemical mixtures
  - Pr Marja Lamoree, Vrije University, Amsterdam
- Suspect and non-targeted screening of emerging chemicals from human biological matrices: achievements and lessons from the HBM4EU project
  - Dr Jean-Philippe Antignac, ONIRIS, Nantes

**Non-targeted approaches to assess environmental pollution**
- Dr Frédérique Courant, Hydrosciences, Montpellier

**Closing Keynote**
17:00-17:40
- Introduction by Dr William Bourguet, CBS, Montpellier
- The exposome: challenges and paths forwards
  - Dr Rémy Slama, Institute for Advanced Biosciences, Grenoble and Director of the “Public health” Multi-organization thematic institutes
- Round table discussion with the speakers led by Rémy Slama together with speakers and members of the scientific committee

**Closing by Dr Pierre-Emmanuel Milhiet**
- Director of the BioHealth Department of the University of Montpellier
@PoleBioSanté
https://muse.edu.umontpellier.fr/recherche/poles-de-recherche/pole-biologie-sante/
BioHealth Department video

CONTACTS

Pierre-Emmanuel Milhiet
Director of the BioHealth Department
pierre-emmanuel.milhiet@umontpellier.fr

For any additional information:
Laure Bourbon
laure.bourbon@umontpellier.fr

BioHealth Department
University of Montpellier
163 rue Auguste Broussonnet
34 090 Montpellier