

**MONDOR BIOMEDICAL RESEARCH INSTITUTE (IMRB)
University of Paris**

Summer School 2022

6-8 July 2022

Environment and Planetary Health

Venue: [Domaine De Fremigny](https://www.domaine-de-fremigny.com/?lang=en)

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Wednesday 6 July

Morning

Students - Visit to environmental laboratory at LISA-University Paris Est Créteil (Patrice COLL)

Transfer to school venue for lunch

12:30-14:00 REGISTRATION - LUNCH

Afternoon

14:00-14:15 Welcome by Summer School organizers
Roberta FORESTI/Jorge BOCZKOWSKI (IMRB) + Xavier COUMOUL/Robert BAROUKI (University of Paris)

14:15-onwards **Scientific Session 1. The ENVIRONMENT as a major source of communicable diseases: zoonoses and infections**

Chairs: Senior - Junior investigators

Pascal BOIREAU (Anses, French Agency for Food, Environmental and Occupational Health & Safety)
Spreading of human diseases from the animal kingdom

Pierre CAPPY (IMRB)
Diagnosis of infections in humans and environment: past, present and future

Françoise BOTTEREL (IMRB)
Biofilms/fungi and human diseases

Robert BAROUKI/Xavier COUMOUL (University of Paris, France)
What is the exposome? Lessons from environmental research

16:30-18:00 *1st poster session* - introduction to workshop

Gathering of speakers and students for introductory welcome

18:00-18:20 Welcome by:
Xavier COUMOUL, Vice-president Université de Paris et **Pierre WOLKENSTEIN**, Dean of the Faculty of Health, University Paris Est Créteil

18:20-19:00 **Opening Lecture**
Chairs: IMRB+University of Paris representatives
Arnaud FONTANET (*Pasteur Institute, Paris, France*)
The COVID-19 pandemic: the French experience

20:00 **DINNER**

Thursday 7 July

Morning

09:00-12:00 **Scientific session 2. The ENVIRONMENT as a major source of non-communicable diseases: the exposome**
Chairs: Senior - Junior investigators

Serge MORAND (*Kasetsart University, Bangkok, Thailand - University of Montpellier, France*)

Is biodiversity relevant for environmental health?

Valérie SIROUX (*University Grenoble Alpes, France*)
Exposome and respiratory health: statistical approaches

10:30-11:00 COFFEE BREAK

Frédéric RELAIX (*IMRB*)
Impact of systemic pollution for muscle tissue repair and stem cell function

Andreas DAIBER (*University Medical Center Mainz, Germany*)
Traffic noise as a cause of vascular and cerebral dysfunction

12:00-12:30 **Three-minute presentations of young investigators (5 selected abstracts)**

12:30-14:00 LUNCH

Afternoon

14:00-15:45 **Workshop on design and implementation of research projects**
Speakers and young investigators divided in working groups

16:00-17:30 **Discussion and feedback on project workshop**

17:30-19:00 *2nd poster session*

20:00 **DINNER**

Friday 8 July

Morning

09:00-12:00 **Scientific session 3. The ENVIRONMENT as a major source of communicable diseases: exposomics-epigenetics interactions**

Chairs: Senior - Junior investigators

Oskar KARLSSON (*Stockholm University, Sweden*)

Environment, male reproduction and paternal epigenetic inheritance

Zdenko HERCEG (*International Agency for Research on Cancer, Lyon, France*)

Environment, the epigenome and cancer development

10:30-11:00 COFFEE BREAK

Joëlle RUEGG (*Uppsala University, Sweden*)

Developmental neurotoxicity of chemicals and epigenetic effects

Maria MELCHIOR (*Sorbonne University, Pierre Louis Institute of Epidemiology and Public Health, Paris, France*)

The environment and development of psychiatric disorders: a social sciences perspective

12:00-12:30 Three-minute presentations of young investigators (5 selected abstracts)

12:30-14:00 **LUNCH**

Afternoon

14:00-16:30

14:00-14:30 **Scientific session 4. The ENVIRONMENT as a major source of chemicals: agencies and their role in prevention and sustainability**

Chairs: Senior - Junior investigators

Pascal SANDERS (*Anses, French Agency for Food, Environmental and Occupational Health & Safety*)

Why do we need a European Partnership for Assessment of Risks from Chemicals?

Mirjam LUIJTEN (*National Institute for Public Health and the Environment, RIVM, The Netherlands*)

Chemical mixtures: scientific and regulatory challenges

Emilie FRENKIEL (*University of Paris Est Créteil*)

UPEC student-citizen convention on food and its environmental, health and social stakes

17:00

Concluding Remarks + Announcement of Winner of three-minute presentations

DEPARTURE

