

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

**Summer School 2024  
10-12 July 2024**

**Environment and Planetary Health #3 Edition**

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

**Wednesday 10 July**

**Morning**

**Students - Visit to Visit PRAMMICS platform OSU-Efluve  
University Paris Est Créteil (Matthias BEEKMANN)**

*Transfer to school venue for lunch*

12:30-14:00      REGISTRATION - LUNCH

**Afternoon**

14:00-14:15      Welcome by Summer School organizers  
**Roberta FORESTI/Joana ESTEVES DE LIMA/Jorge BOCZKOWSKI (IMRB) + Xavier  
COUMOUL/Robert BAROUKI (University Paris Cité)**

14:15-onwards      **Scientific Session 1. Environmental aggressions and neurological disease**  
Chairs: Senior - Young investigator

**Stephane JAMAIN (IMRB)**  
Pollution and psychiatric disorders

**Petr KANOVSKY (Olumouc University, Czech Republic)**  
Biomarkers of neurodegenerative diseases

**Cecilia SAMIERI (Inserm, Bordeaux, France)**  
Role of environmental factors and development of Alzheimer disease

**Katja KANNINEN (University of Eastern Finland, Finland)**  
Brain responses to air pollution exposure

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 University Paris Cité  
**Pierre WOLKENSTEIN**, Dean of the Faculty of Health, University Paris Est Créteil
- 18:20-19:00 **Opening Lecture**  
Chairs: Robert BAROUKI  
**Ellen FRITSCHÉ** (HHU Dusseldorf, Germany)  
Developmental neurotoxicity and brain aging
- 20:00 **DINNER**

## Thursday 11 July

### Morning

- 09:00-12:00 **Scientific session 2. Environmental aggressions and effects on living beings**  
Chairs: Senior - Young investigator  
**Bruno TASSIN** (ENPC at LEESU, University Paris-Est Créteil, *France*)  
Pollutants in water  
**Leon BARRON** (MRC Center for Environment and Health, London, UK)  
Water pollution and health consequences
- 10:30-11:00 COFFEE BREAK  
**Anne REPELLIN** (IEES-Paris, University Paris-Est Créteil, *France*)  
Pollution and molecular response in plants  
**Laurent BOYER** (*IMRB*)  
Complex urban atmospheres and lung stem cells properties
- 12:00-12:30 **Three-minute presentations of young investigators (5 selected abstracts)**  
Chairs: 2 young investigators  
**5 selected young speakers**
- 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 12 July

### Morning

09:00-12:00 **Scientific session 3. Environmental aggressions: role of agencies and predictive tools for environmental impact** Chairs: Senior - Young investigator

**Christophe ROUSSELLE** (*Anses, French Agency for Food, Environmental and Occupational Health & Safety*)

Evaluation of health risks from pollutants in the environment

**Katja LEICHT** (German Environmental Agency, Germany)

Policies and safety

10:30-11:00 COFFEE BREAK

**Karine AUDOUZE** (University of Paris, Paris, France)

New predictive models in ecotoxicology

**Miriam JACOBS** (Public Health England, Chilton, UK)

Testing and assessing non genotoxic carcinogens

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

Chairs: 2 young investigators

**5 selected young speakers**

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

### Afternoon

14:00-16:00 **Scientific session 4. Environmental aggressions: indoor pollution and impact on health**, Chairs: Senior - young investigator

**Natasha TISSIER** (Anses, French Agency for Food, Environmental and Occupational Health & Safety)

PESTI-HOME

**Rachel NADIF** (University Paris-Saclay, Paris, France)

Pollution derived from cleaning agents and asthma development

**TBA**

Indoor pollutants and effects on children's development

16::00-16:30

**Concluding Remarks + Announcement of Winner of three-minute presentations**

DEPARTURE