

Luton Amphitheater
Faculty Building of Institut Cochin
24, rue du Faubourg Saint-Jacques
75014 PARIS



XVIth JeCCo Symposium
« *How Science Adapts to a Changing Society* »

Monday, January 26th 2026

9:00-9:20 Reception of participants

9:20-9:30 Introduction

9:30-10:40 **Session 1: From Emerging Pathogens to Ongoing Threats**

9:30-10:10 Régis Tournebize (Paris, CIMI)
Antibiotic and non-antibiotic strategies

10:10-10:40 Hugo Barreto (Paris, Institut Cochin)
Eco-evolutionary dynamics of Escherichia coli invasion across human gut microbiotas

Manon Babise (Paris, Institut Cochin)
The Yellow Fever Vaccine: The world's most effective vaccine, but how does it actually work?

10:40-11:10 Coffee Break

11:10-12:20 **Session 2: Stress, Damage, and Adaptation: Cellular Responses to Polluted Environments**

11:10-11:50 Luc DAUCHET (Lille, Institut Pasteur)
Quantifying impact of air pollution on Health and impact on air urban policy

11:50-12:20 Anaïs Vignon (Paris, Institut Cochin)
Tiny plastics, big problems? How nanoplastics alter neurodevelopment and brain aging

Widad Nefida (Paris, Institut Cochin)
Are our lifestyles creating allergies? Exploring non-invasive paths to desensitization

12:20-14:00 Lunch break & poster session



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14:00-14:45 **Round table : Sex-Based Differences in Immune Responses**

Molly Ingersoll, Marion Regnier, Katia Ancelin, Julie Chaumeil (Paris, Institut Cochin)

14:45-16:05 **Session 3: Investigating Non-Infectious Diseases And Their Societal Impact**

14:45-15:25 Severine Boilllee (Paris, Institut du Cerveau)

Implication of immune cells in amyotrophic lateral sclerosis (ALS)

15:25-16:10 Clémence Duruel (Paris, INEM)

Evolving strategies against relapse: ER stress-dependent ferroptosis triggered by Salinomycin in breast cancer stem cells

Gaétan Braud (Paris, PARCC)

Controlling blood-CNS barrier integrity in health and disease

Tin Hinan Lassouani (Paris, Institut Cochin)

When society shapes autoimmunity: targeting PD-1 in type 1 Diabetes

16:10-16:40 Coffee Break

16:40-17:35 **Session 4: Science Against Fertility Challenges**

16:40-17:20 Aminata Touré (Grenoble, Institute for Advanced Biosciences)

Focus on Male Infertility due to sperm motility defects : genetic causes, clinical and societal perspectives

17:20-17:35 Marie Croquet (Paris, Institut Cochin)

Cumulus cell transcriptomics reveals endometriosis-associated alterations in the follicular environment

17:35-17:45 Closing remarks

17:45-18:00 Best short talk/poster award



MICROB'EX

