

# INCEPTION Annual Symposium 2024

**November 26, 2024**

Amphitheatre Duclaux

## Keynote Speakers

Emmanuel Bacry – Health Data Hub

Frédérique Nowak – Plan France Génomique



INCEPTION

# INCEPTION annual symposium 2024

November 26, 2024

9:30 – 9:45 **Thomas Bourgeron**  
INCEPTION coordinator  
Introduction

## 1st Session – Chair:

9:45 – 10:25 **Keynote speaker:**  
**Emmanuel Bacry**  
Health Data Hub  
TBA

10:25 – 10:45 **Auguste Caen**  
INRAE, P2I 2021  
MICROMOD: Modelling the role of microbiota in the acquisition and transmission of antibiotic resistant pathogenic bacteria

10:45 – 11:05 **Zoya Dixit**  
Institut Cochin, S2I 2024  
*Escherichia coli* Colonization Dynamics: Insights from DNA Barcodes and In-Vitro Mini- Gut Models MBRA

11:05 – 11:30 **Coffee break**

## 2nd Session – Chair:

11:35 – 11:55 **Paul Jenkins**  
Institut Pasteur, S2I 2024  
Comparative transcriptomic profiling of primary hamster macrophages reveals candidate genes driving susceptibility to *Leishmania donovani* infection

11:55 – 12:15 **Laura Xénard**  
Institut Pasteur, D2I 2022  
Quantitative image analysis of bacterial growth and division

12:15 – 12:35 **Eli Barthome**  
Institut Pasteur, D2I 2022  
Contribution of regulatory variants to differences in clinical and brain profiles among autistic individuals

12:35 – 2:00 **Lunch Buffet**

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## 3rd Session – Chair:

2:00 – 2:40 **Keynote speaker:**  
**Frédérique Nowak**  
Plan France Génomique  
TBA

2:40 – 3:00 **Sophie Chervet**  
IAME, S2I 2024  
Modelling challenges for the estimation of epidemiological parameters of SARS-CoV-2 transmission in households

3:00 – 3:20 **Victor Narat**  
CNRS/MNHN, P2I 2017  
Diversity of human–animal contact in DR Congo: an assessment of risk exposure

3:20 – 3:40 **Elizabeth Maloney**  
Institut Pasteur, S2I 2024  
Sex-specific effects of temperature on the immune system

3:40 – 4:00 **Coffee Break**

## 4th Session – Chair:

4:00 – 4:20 **Daniel Krentzel**  
Institut Pasteur, S2I 2024  
Deep learning approaches for antibiotic target identification from high-throughput images

4:20 – 4:40 **Sébastien Gradi**  
Institut Pasteur, S2I 2024  
Hicberg: Reconstruction of genomic signals from repeated elements

4:40 – 5:00 **Mohamed Mounib Benimam**  
Institut Pasteur, D2I 2022  
Statistical analysis of spatial patterns in tumor microenvironment

5:00 – 5:15 **Thomas Bourgeron**  
INCEPTION coordinator  
Wrap up

5:15 – 6:30 **Cocktail & social time (Mangeover)**