



INCEPTION Symposium

focus on

GWAS

Paving the way for
The Future of Genomics

November 25, 2025

Invited Speakers

Eli Barhome Institut Pasteur, FR

Na Cai ETH Zurich, CH

Capucine Garnier-Muller Institut Pasteur, FR

Iuliana Ionita-Laza Columbia Univ, US

Raphael Malak Institut Pasteur, FR

Bogdan Pasaniuc Univ of Pennsylvania, US

Sriram Sankararaman UCLA Computer Science, US

INCEPTION Multidisciplinary Poster Session

Gloria Benoit, Marie-Amandine Chabry, Estée Cramer, Annaig De Walsche, Cristina Di Silvestre, Soufiane Jhilal, Jeremie Kalfon, Benedetta Lana, Arthur Lensen, Shiyu Liu, Maria Lopopolo, Iwan Quemada, Kevin Reynolds, Isabelle Rosinski-Chupin, Jules Samaran, Camille Schneider, Jules Villa, Alex Westbrook, Laura Xénard, and many more



INRAE



Inserm
La science pour la santé
From science to health



SciencesPo
MÉDIALAB

ASSISTANCE
PUBLIQUE
HÔPITAUX
DE PARIS



COLLÈGE
DE FRANCE
1530

PSL
UNIVERSITÉ PARIS



INCEPTION

INSTITUT
Pasteur

GWAS: Paving the way for the Future of Genomics

13:30 – 17:15

13:30 – 13:45

Thomas Bourgeron

INCEPTION coordinator
Introduction

1st Session – Chair: Rayan Chikhi

13:45 – 14:15

Na Cai

ETH Zurich, CH
Invasion of the Heritable Confounders

14:15 – 14:45

Sriram Sankararaman

UCLA Computer Science Center, US
TBA

14:45 – 15:00

Raphaël Malak

Institut Pasteur, INCEPTION PhD Student
Taxonomic-free metagenomic GWAS for gut microbiome analysis

15:00 – 15:15

Capucine Garnier-Muller

Institut Pasteur, INCEPTION Structuring Action
Data Catalogue INCEPTION, a single tool to centralize and accelerate access to Human Databases

15:15 – 15:45

Coffee break

2nd Session – Chair: Hugues Aschard

15:45 – 16:15

Iuliana Ionita-Laza

Columbia University, US
Beyond linear models for genetic discovery and genomic trait prediction

16:15 – 16:45

Bogdan Pasaniuc

University of Pennsylvania, US
Promises and challenges of genetic risk prediction in precision medicine

16:45 – 17:00

Eli Barthome

Institut Pasteur, D2I 2022
Contribution of regulatory variants to differences in clinical and brain profiles among autistic individuals

17:00 – 17:15

Flash Talks x5

TBA

Multidisciplinary Poster Session
Cocktail, Food and Social Time
17:15 – 18:45

Gloria Benoit (Aschard lab)

Institut Pasteur

Iwan Quemada (Masson lab)

Institut Pasteur

Marie-Amandine Chabry (Meilhac lab)

Institut Pasteur

Kevin Reynolds (Holcman & Kubis labs)

IBENS

Estée Cramer (White lab)

Institut Pasteur

Isabelle Rosinski-Chupin (Glaser lab)

Institut Pasteur

Annaig De Walsche (Achard lab)

Institut Pasteur

Jules Samaran (Cantini lab)

Institut Pasteur

Cristina Di Silvestre (Buchrieser lab)

Institut Pasteur

Camille Schneider (Oppatowksi & Brisse labs)

Institut Pasteur

Capucine Garnier-Muller (CeRis)

Institut Pasteur

Alex Westbrook (Mozzinocacci lab)

Museum National Histoire Naturelle

Soufiane Jhilal (Giraud lab)

Institut de l'Audition

Laura Xénard (Dumenil lab)

Institut Pasteur

Jeremie Kalfon (Cantini lab)

Institut Pasteur

Jules Villa (Giles-Vernick lab)

Institut Pasteur

Kelvin Kho (Gomperts-Boneca lab)

Institut Pasteur

Benedetta Lana (Giles Vernick lab)

Institut Pasteur

Arthur Lensen (Enninga lab)

Institut Pasteur

Shiyu Liu (Zurzolo lab)

Institut Pasteur

Maria Lopopolo (Quintana-Murci lab)

Institut Pasteur

Phuong Y Mai (Gomperts-Boneca lab)

Institut Pasteur