

SCIENTIFIC PROGRAM

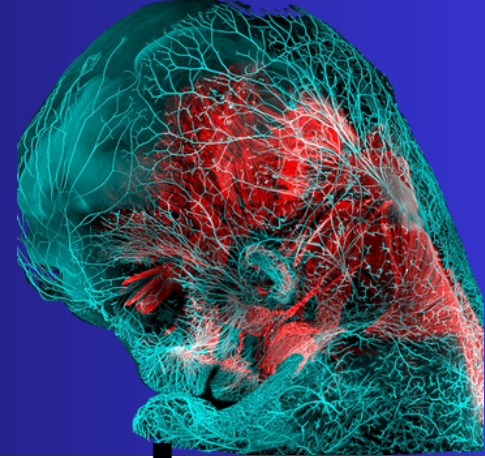
Inserm Human Developmental Cell Atlas

HuDeCA symposium

October 29, 2024

Hotel Villa M

24-30 boulevard Pasteur
75015 Paris



Inserm



09:00 – 09:30 Registration & Welcome coffee

09:30 – 09:45 Alain CHÉDOTAL & Thierry GALLI

Inserm, France
Welcome and introduction

9:45 – 10:15 Jenny NICHOLS

The University of Edinburgh, UK
Divergent processes for production of trophoblast in mice and humans

10:15 – 10:45 Jean-Léon MAÎTRE

Institut Curie, Paris, France
Mechanics of human embryo development

10:45 – 11:10 Coffee break

11:10 – 11:40 Merlin LANGE

Chan Zuckerberg Biohub,
San Francisco, USA
Building a multimodal atlas of zebrafish development, a single-cell at a time

11:40 – 12:00 Antonio SUGLIA

IRSET, Rennes, France
Deciphering human external genitalia differentiation through single-nucleus multiomic and spatially-resolved transcriptomic approach

12:00 – 12:30 Irene MIGUEL-ALIAGA

CRICK Institute, London, UK
The sex and geometry of organs: from fly to (wo)man

12:30 – 14:00 Lunch (buffet) for all participants

14:00 – 14:30 Paolo GIACOBINI

Lille Neuroscience & Cognition, Lille, France
A spatially resolved single-cell genomic atlas of the human fetal olfactory and neuroendocrine system

14:30 – 15:00 Anu BASHAMBOO

Pasteur Institute, Paris, France
Disorders/differences of sex development: the known and unknown

15:00 – 15:20 Adrian VILLALBA

Institut Cochin, Paris, France
Human pancreatic development through 3D glasses: a tale of spatiotemporal mapping

15:20 – 15:40 Megumi INOUE

Institut de la Vision, Paris, France
3D analysis of the developing human lung

15:40 – 16:00 Coffee break

16:00 – 16:20 Christopher DE BONO

Marseille Medical Genetics, Marseille, France
Constructing a human heart atlas of the first gestational trimester using spatial transcriptomics and single-nucleus RNA-sequencing

16:20 – 16:50 Denis DUBOULE

Collège de France, Paris, France
Embryo-models: new tools for old questions

16:50 – 17:15 Alain CHÉDOTAL & Thierry GALLI

Inserm, France
Discussion and conclusions

17:15 – 17:30 Thomas LOMBÈS

Deputy CEO Strategy, Inserm, France
Closing remarks

17:30

End of the meeting

