

NOVEMBER 27-29, 2024

**INTERDISCIPLINARY
PERSPECTIVES ON IDENTITY:
FROM SINGLE CELLS TO
ORGANISMS**

PROVISIONAL PROGRAM

WEDNESDAY, NOVEMBER 27
(AFTERNOON)

- 1.30 PM: Welcome coffee
- 2.00 PM: Introduction by **Claire ROUGEULLE** and **Benoit LADOUX** (to confirm)
- 2.15 PM: **BIOLOGY KEYNOTE**
Using pseudo-embryos to study developmental gene regulation
Denis DUBOULE, Collège de France
- 3.00 PM: **ORGANOIDS SESSION**
Building the human gut: When stem cells know what to do
Maxime MAHE, Nantes Université
- Organoids at the cross road of fundamental biology and precision oncology*
Fanny JAULIN, Institut Gustave Roussy (to confirm)
- 4.00 PM: Coffe break
- 4.30 PM: **ORGANOIDS SESSION (CONTINUED)**
Mechanisms of Mitotic Spindle Orientation in Intestinal Organoids
Nicolas MINC, Institut Jacques Monod
- Unlocking defective Genomics and Mechanics associated to spina bifida with PAX and Organoids*
Vanessa RIBES, Institut Jacques Monod
- Stress-responsive pathways in pathophysiological neurodevelopment : in the light of organoids*
Valérie MEZGER, Epigenetics and Cell Fate Center
- Vascular integration in brain organoid engineering to model the complexity of the human blood-brain-barrier*
Diana PASSARO, Institut Cochin
- 6.00 PM: End of Day 1

THURSDAY, NOVEMBER 28
(MORNING)

8.30 AM: Coffee and viennoiseries

9.00 AM: **SINGLE-CELL SESSION**

Family matters: The role of single cell families in hematopoiesis

Leïla PERIE, Institut Curie

Title TBA

Thierry VOET, KU Leuven

Evolution of temporal patterning of neural stem cells

Konstantina FILIPPOPOULOU, Institut Jacques Monod

10.30 AM: Coffee break

11.00 AM: **SINGE CELL SESSION (CONTINUED)**

Title TBA

Céline MEHATS, Institut Cochin

Title TBA

Jean-François OUIMETTE, Epigenetics and Cell Fate Center

12.00 PM: Lunch break & **POSTER SESSION 1**

THURSDAY, NOVEMBER 28
(AFTERNOON/EVENING)

2.00 PM:

PHILOSOPHY KEYNOTE

Practical Identity

Claude ROMANO, Sorbonne Université

2.45 PM:

SOCIAL SCIENCE SESSION

Title TBA

Anne-Laure SEBERT, CRPMS

Title TBA

Antonine NICOGLU, IHPST (to confirm)

3.45 PM:

Coffe break & **POSTER SESSION 2**

5.30 PM:

AI KEYNOTE

Artificial Intelligence: conscious organisms or powerful black boxes?

Luca LONGO, Technological University Dublin

6.15 PM:

End of Day 2

7.00 PM:

Dinner & Party at L'Olivia

12 Port de la Rapée, 75012 Paris



FRIDAY, NOVEMBER 29
(MORNING)

9.00 AM: Coffee and viennoiseries

9.30 AM: **BIOMECHANICS SESSION**

Tissue flows and patterns during symmetry breaking of multicellular systems

Pierre-François LENNE, IBDM

Title TBA

Kinneret KEREN, Technion

Title TBA

Jean-Baptiste MANNEVILLE, MSC

11.00 AM: Coffee break

11.30 AM: **BIOMECHANICS SESSION (CONTINUED)**

Title TBA

Mariia BALATSKAIA, Institut Jacques Monod (to confirm)

Title TBA

Pan JIANG, Institut Jacques Monod (to confirm)

12.00 PM: **BIOPHYSICS KEYNOTE**

12.00 PM: *Mechanical regulation of cell states*

Sara WICKSTROM, Max Planck Institute for Molecular Biomedicine

12.45 PM: Concluding remarks

1.00 PM: End of Day 3