



COLLOQUE

Organized by: Denis DUBOULE (Paris)
and Olivier POURQUIÉ (Boston)

The Times of Embryonic Development

Mardi 20 juin 2023

COLLÈGE
DE FRANCE
— 1530 —

CHAIRE ÉVOLUTION
DU DÉVELOPPEMENT
ET DES GÉNOMES

Année
académique
2022/2023

PROGRAMME

9h-18h – Amphithéâtre Guillaume Budé, site Marcelin Berthelot

- 09h00 Denis Duboule, Collège de France
Welcome
- 09h10 Jean-Léon Maître, Curie Institute, Paris,
Mechanics of blastocyst morphogenesis
- 09h50 Thomas Gregor, Pasteur Institute Paris and Princeton
University
**From molecule dynamics to tissue differentiation
during early embryonic development**
- 10h30 Coffee break
- 11h00 Alexander Aulehla, EMBL Heidelberg Germany
Time, timing and transitions in developing systems
- 11h40 Miki Ebisuya, EMBL Barcelona
**Human time, mouse time, and
rhinoceros time in development**
- 12h20 Lunch
- 14h00 Claude Desplan, NUY, New York
**Temporal patterning and connectivity
in the nervous system**
- 14h40 James Briscoe, Crick Institute, London,
About time: The dynamics of neural tube development
- 15h20 Anissa Kempf, Biocenter University of Basel
Metabolic control of sleep
- 16h00 Coffee break
- 16h30 Pierre Vanderhaeghen, VIB, KU Leuven, Belgium
**Timing mechanism linking development
and evolution of the human brain**
- 17h10 Olivier Pourquié, Harvard University, Boston
Metabolic control of developmental timing
- 17h50 **Conclusions**