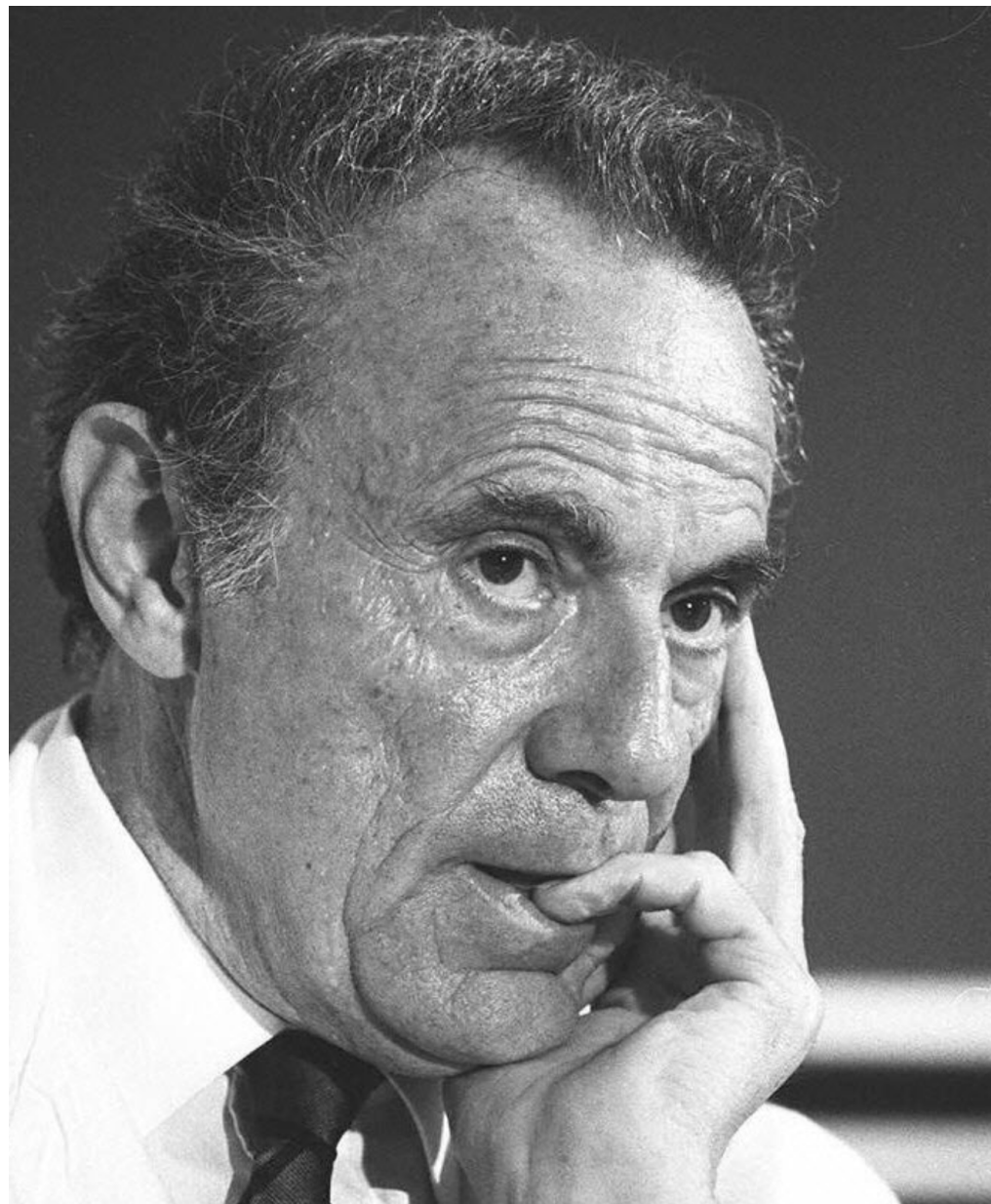




JOURNÉE FRANÇOIS JACOB

The Living Clock: Biology in the Flow of Time

Mercredi 3 décembre 2025

COLLÈGE
DE FRANCE
— 1530 —

CIRB
Centre interdisciplinaire
de recherche en biologie

Année
académique
2025/2026

PROGRAMME

[IN ENGLISH] -- Salle 2, site Marcelin-Berthelot

09:00 Introduction

Jean-Jacques HUBLIN (Collège de France, Paris, France)

09:15 Unknown unknowns:

outliers, gaps, and the time frame of early vertebrate evolution

Per Erik AHLBERG (Department of Organismal Biology, Uppsala University, Suède)

09:45 Timescales of adaptation and the Baldwin effect

Amaury LAMBERT (École Normale Supérieure (ENS-PSL), Paris, France)

10:15 Coffee Break

10:45 A Mind Set in Stone:

Fossil Traces of Human Brain Evolution

Philipp GUNZ (Department of Human Origins, Max Planck Institute for Evolutionary Anthropology, Leipzig, Allemagne)

11:15 Linking Developmental Timing with Human Brain Evolution

Pierre VANDERHAEGHEN (VIB - KU Leuven University, Belgique)

11:45 Mechanics of mammalian development

Jean-Léon MAÎTRE (Institut Curie, Paris, France)

12:15 Lunch Break

14:00 Building the body through time:

Transitioning between developmental modules

Jérôme GROS (Institut Pasteur, Paris, France)

14:30 Aging clock: The promoting role of telomeres?

Éric GILSON (Université Côte d'Azur, Inserm, CNRS, CHU Nice, Institute for Research on Cancer and Aging (IRCAN), Faculté de Médecine, Nice, France)

15:00 Integrating time scales to preserve the maternal inheritance

Marie-Hélène VERLHAC (CIRB, Collège de France, Paris, France)

15:30 Coffee Break

16:00 Epigenetic timekeepers:

Reconstructing the biological ages of ancient individuals

Ludovic ORLANDO (Centre d'Anthropobiologie et de Génomique de Toulouse, CNRS UMR 5288, Université de Toulouse, France)

16:30 Metabolic timing of the need to sleep

Anissa KEMPF (Biozentrum University of Basel, Suisse)

17:00 Conclusions

Denis DUBOULE (Collège de France, Paris, France)