

CELL BIOLOGY OF EUKARYOGENESIS & BEYOND

February 3rd, 2026 • Institut Pasteur - Paris



sbcf

French Society for Cell Biology

ORGANIZING COMMITTEE

Thibaut Brunet

Institut Pasteur, Paris

Isabelle Florent

Museum national d'Histoire Naturelle, Paris

Yvon Jaillais

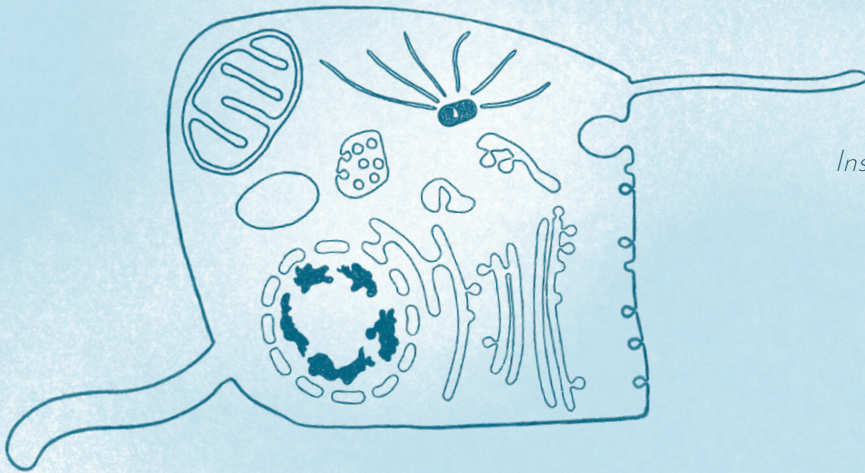
Ecole Normale Supérieure, Lyon

Etienne Morel

Institut Necker Enfants Malades, Paris

Isabelle Tardieux

Institut pour l'Avancée des Biosciences, Grenoble



INVITED SPEAKERS

Buzz Baum - UK

Thibaut Brunet - France

Johan Decelle - France

Morgan Gaïa - France

Sven Gould - Germany

Virginie Hamel - Switzerland

Nicole King - USA

Purificacion Lopez Garcia - France

Andela Saric - Austria



SCAN TO REGISTER

SCIENTIFIC PROGRAM

Inspired from Koumandou et al.; Crit Rev Biochem Mol Biol, 2013



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TUESDAY, FEBRUARY 3RD, 2026

08h00 - 08h45 **Participants Welcoming**

08h45 - 09h00 **Introduction**

President of SBCF

09h00 - 09h35 **TBA**

Buzz Baum

09h35 - 09h50 **An ancient ESCRT-III amphipathic helix underlies the evolution of cellular compartmentalization**

Javier Espadas

09h50 - 10h25 **Modelling cell reshaping across evolution**

Andela Saric

10h25 - 10h50 **Coffee break**

10h50 - 11h25 **No eukaryotic trait is a coincidence: answering the call of endosymbiosis**

Sven Gould

11h25 - 11h40 **When and where did eukaryogenesis occur?**

Daniel Mills

11h40 - 12h15 **Shedding the light on symbiotic interactions between cells in the marine plankton using 3D imaging**

Yohan Decelle

12h15 - 12h30 **Oxygen as a primary selective pressure for photosymbiosis evolution**

Christophe Robaglia

12h30 - 13h50 **Lunch break**

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- 13h50 - 14h25 **Revisiting the viral eukaryogenesis hypothesis**
Morgan Gaïa
- 14h25 - 15h00 **Disentangling the symbiotic origin
of the eukaryotic cell**
Purificacion Lopez Garcia
- 15h00 - 15h15 **An origin for a eukaryotic lipid transfer protein
fold in Asgard archaea**
Nicolas Frederic
- 15h15 - 15h40 **Coffee break**
- 15h40 - 16h15 **The secret sex life of choanoflagellates**
Nicole King
- 16h15 - 16h50 **Cell biology of the protist-to-animal transition**
Thibaut Brunet
- 16h50 - 17h25 **Revealing Planktonic Ultrastructural Diversity
with U-ExM**
Virginie Hamel
- 17h30 **Concluding remarks and announcements**



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