

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**

Johan Decelle

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

Christophe Robaglia

12h30 - 13h50 **Lunch break**

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TUESDAY, FEBRUARY 3RD, 2026

- 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 Lipp
- 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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