



Institut de Biologie

9 octobre 2023

Journée François Jacob La vie sociale des microbes

Amphithéâtre Maurice Halbwachs

PROGRAMME

Ouvert au public, dans la limite des places disponibles.

9:15 Welcome, seminar opening

9:30 Mechanisms of biofilm community assembly and functions

Knut DRESCHER, Biozentrum, University of Basel, Switzerland

10:00 Mechanics guide bacterial surface motility and biofilm formation

Alexandre PERSAT, School of Life Sciences, EPFL, Switzerland

10:30 Physical properties of single cells and social behaviour in Dictyostelium discoideum

Silvia DE MONTE, CNRS IBENS & Max Planck Institute for Evolutionary Biology, Plön, Germany

11:00 Break

11:15 How intracellular life turns symbiotic bacteria into pathobionts

Olivier ESPELI, CIRB - « Dynamique des chromosomes »

11:45 The ecology and evolution of E. coli virulence

Francois BLANQUART, CIRB - « Épidémiologie évolutive des maladies infectieuses »

12:15 Lunch break

14:00 Microbial interactions in the vaginal environment: revisiting the normal and the pathological

Samuel ALIZON, CIRB - « Écologie et évolution de la santé »

14:30 Microbial ecosystems - everything is everywhere, but the environment selects

Nassos TYPAS, EMBL, Heidelberg, Germany

15:00 The impact of the environment on growth transitions in bacteria at the molecular level

Mathilde GUZZO, Molecular Microbiology and Structural Biochemistry, CNRS, Lyon University, France

15:30 Break

15:45 Mechanisms of bacterial predation: from Molecules to Ecology

Tâm MIGNOT, Laboratoire de Chimie Bactérienne CNRS - Aix Marseille Université

16:15 Development and Functions of Myeloid Cells

Florent GINHOUX, Prix Lacassagne, Gustave Roussy Cancer Campus, France

17:15 Conclusion