



Lausanne *Drosophila* Morning Meetings 2024

Thursday Aug. 29th and Friday 30th, 2024

Room SV1717, Ecole Polytechnique Fédérale de Lausanne

Thursday August 29th 2024

- 09:00 [Jean-Yves Roignant](#) Unil, Lausanne
Link between RNA modifications, carbohydrate metabolism and *Drosophila* behavior
- 09:15 [Nick Brown](#) University of Cambridge
Integrated cadherin/integrin cell-cell adhesion
- 09:30 [Sofia Araújo](#) IRB, Barcelona
Modulation of Cell-Cell interactions during Tube Anastomosis
- 09:45 [Nic Tapon](#) Crick Institute, London
Developmental control of tissue size
- 10:00 [Osamu Shimmi](#) Institute of Biotechnology, Helsinki
Visualization of Cell-Cell Communication: *Drosophila* Wing as a Model for 3D Morphogenesis

10:15 – 10:35: Coffee break

- 10:35 [Maria Cristina Gambetta](#) UNIL, Lausanne
Long-range gene regulation in fly neurons
- 10:50 [Mirka Uhlirova](#): University of Köln
Understanding immune cell plasticity
- 11:05 [Marco Milan](#): IRB, Barcelona
Aneuploidy-induced cellular behaviours
- 11:20 [Alex Gould](#): Crick Institute, London
Metabolic adaptations to neurogenesis under stress
- 11:35 [Lukas Neukomm](#): Unil, Lausanne
Metabolic control of neuronal communication

Friday August 30th 2024

09:00 [Virginie Courtier](#) CNRS, Paris

Evolution of *Drosophila* glue

09:15 [Frank Schnorrer](#) IBDM, Marseille

How do mitochondria coordinate with myofibrils to build a functional flight muscle?

09:30 [Maria Domínguez Castellano](#) Universidad Miguel Hernández, Alicante

Understanding Biological Resilience

09:45 [Richard Benton](#) Unil, Lausanne

Evolution of olfaction: receptors, circuits and behaviours

10:00 [Thomas Vaccari](#): Università degli Studi di Milano

Regulation of signaling by ER-resident enzymes

10:15 – 10:35: Coffee break

10:35 [François Leulier](#): CNRS, Lyon

Enteroendocrine regulation of microbe mediated juvenile growth promotion

10:50 [Bruno Lemaitre](#): EPFL, Lausanne

Layers of immunity: Deconstructing the *Drosophila* effector response

11:05 [Ilona Grunwald-Kadow](#): Universität Bonn

A body-brain axis between fatbody and brain regulates pathogen avoidance behavior

11:20 [Brian McCabe](#): EPFL, Lausanne

Unknown knowns of *Drosophila* motor neurons

11:35 [Ana Marija Jaksic](#): EPFL, Lausanne

Behavioral individuality of a fly is a consequence of experience, genetics and learning

11:50 [Giorgio Gilestro](#): Imperial College, London

Stress, not lack of sleep, is responsible for ROS increase

We thank the Global Health Institute (EPFL) and Brain Mind Institute (EPFL) for their generous financial support for this meeting.