



# Lausanne *Drosophila* Morning Meetings 2024

Thursday Aug. 29<sup>th</sup> and Friday 30<sup>th</sup>, 2024

Room **SV1717**, Ecole Polytechnique Fédérale de Lausanne

## Thursday August 29<sup>th</sup> 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 [François Leulier](#): CNRS, Lyon  
**Enteroendocrine regulation of microbe mediated juvenile growth promotion**
- 11:35 [Bruno Lemaitre](#): EPFL, Lausanne  
**Layers of immunity: Deconstructing the *Drosophila* effector response**

## Friday August 30<sup>th</sup> 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 [Alex Gould](#): Crick Institute, London  
**Metabolic adaptations to neurogenesis under stress**
- 10:50 [Lukas Neukomm](#): Unil, Lausanne  
**Metabolic control of neuronal communication**
- 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), theBrain Mind Institute (EPFL) and the Faculty of Life Sciences (SV) for their generous financial support for this meeting.