

MoucheRhône

Ecole Normale Supérieure de Lyon
Lyon, France

June 9th 2015

Organizers

Véronique Morel
Maura Strigini

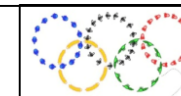
Venue

Amphitheater A
ENS de Lyon
46, Allée d'Italie
Lyon

MoucheRhône has been a scientific regional meeting aiming at fostering interactions between labs using *Drosophila* as a model. This year we have additionally invited labs using other arthropods such as crustaceans (*Parhyale hawaiiensis*) and other insects (*Tribolium castaneum*, *Gerris buenci*, ...).

Scientific topics include embryonic development, cellular morphogenesis and growth, muscle and nervous system development and physiopathology, genomic adaptation, transgenesis and genome editing, functional genomics and epigenetics.

Research Groups involved (non exhaustive)



- **Comparative developmental biology and regeneration** (M. Averof, IGFL, Lyon)
- **Genetic control, development and ciliogenesis** (B. Durand, CGphiMC, Lyon)
- **Genetic and chemogenomics** (M.-O. Fauvarque, CEA, Grenoble)
- **Epithelial cell differentiation and morphogenesis in *Drosophila*** (M. Grammont, LBMC, Lyon)
- **Diversification of Muscle and Heart Cells in Development and in Pathological Conditions** (K. Jagla, GReD, Clermont-Ferrand)
- **Developmental genomics and evolution** (A. Khila, IGFL, Lyon)
- **Functional genomics of host/intestinal bacteria interactions** (F. Leulier, IGFL, Lyon)
- **Epigenetics and zygote formation in *Drosophila*** (B. Loppin, CGphiMC, Lyon)
- **Ontogenesis and molecular interactions** (S. Merabet, IGFL, Lyon)
- **Epithelial growth and morphogenesis** (V. Mirouse, GReD, Clermont-Ferrand)
- **Apoptosis and neurogenetics** (B. Mollereau, LBMC, Lyon)
- **Infection and viral genomes evolution** (C. Terzian, UBCL, Lyon)
- **Genetic instabilities and control by the host genome** (Chantal Vaury-Zwiller, GReD, Clermont-Ferrand)