16h15-16h30: **WELCOME**

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**A-Morphogenesis and organogenesis**

**CHAIR:** Jean-Antoine LEPESANT and Stéphane NOSELLI

16h30-16h50: **C. BENASSAYAG,** Toulouse
The Drosophila Hox gene Deformed drives tissue boundary fold formation through regulation of sub cellular DE-Cadherin distribution.

16h50-17h10: **M. SUZANNE,** Toulouse
Apico-basal forces exerted by apoptotic cells drive epithelium folding.

17h10-17h30: **F. AGNES,** Paris XI
JAK/STAT signaling regulates anoikis in the Drosophila follicular epithelium.

17h30-17h50: **A. COMBEDAZOU,** Toulouse
Two different modes of collective cell movement.

17h50-18h10: **X. QIN,** Toulouse
Controlling mechanism of basal actomyosin oscillation during Drosophila ovary development.

19h15: **Dinner**

20h30-21h15: **PLENARY SESSION:** Stéphane NOSELLI
Left-Right asymmetry in Drosophila.

Bar
9h00-9h45: **PLENARY SESSION**: Clemens CABERNARD
Cellular and molecular mechanisms during asymmetric cell division.

9h45-10h05: **F. JANODY**, Lisboa
Cytoskeletal regulators couple F-actin dynamics to Yorkie-dependent organ growth.

10h05-10h25: **E. BOONE**, Nice
The coupling of disc size sensing mechanism and Dilp8 expression.

10h25-11h00: **Coffee**

11h00-11h20: **S. ZAESSINGER**, Montpellier
Drosophila MAGI interacts with dRASSF8 to regulate E-Cadherin based Adherens Junctions in the developing eye.

11h20-11h40: **I. MORIN-POULARD**, Toulouse

11h40-12h00: **F. NAPOLETANO**, Lyon
p53-dependent necrosis suppresses tumorigenesis in Drosophila.

12h00-12h15: **NIKON/ANDOR presentation**

12h30: **Lunch**
**C- Immunity, non-coding RNA, epigenetic, Models for human diseases**

CHAIR: Marc DIONNE and Yacine GRABA

14h00 -14h20: **N. MALMANCHE**, Lille
Human Tau expression during Drosophila development strongly affects mitotic progression and chromosome segregation.

14h20-14h40: **A. ISSA**, Paris
Neuronal expression of mitochondrial uncoupling proteins increases oxidative stress resistance and protects against functional senescence in Drosophila.

14h40-15h00: **D. ANDERSEN**, Nice
The Drosophila TNF receptor Grindelwald couples loss of cell polarity with neoplastic growth.

15h00-15h45: **PLENARY SESSION**: Marc DIONNE
Immune-metabolic interactions in Drosophila.

15h45-16h15: **coffee**

16h15-16h35: **C. SOCHA**, Strasbourg
Study of resilience and proteostasis during intestinal infections in Drosophila.

16h35-16h55: **C.E. INDELICATO**, Lyon
Mechanisms underlying Lactobacilli-mediated juvenile growth promotion: "learning on the fly".

16h55- 17h15: **J. DUFORT**, Montpellier
Rôle de la voie des piARN dans la régulation des ARN messagers maternels.

17h15-17h35: **P. MARIE**; Paris VI
"piRNA-mediated repression during Drosophila development".

17h35-17h55: **J. DERAZE**, Paris VII
Epigenetic control of ribosome biogenesis: deciphering the role of RPL12 in transcription.

19h15: **Dinner**

20h30-21h15: **PLENARY SESSION**: Yacine GRABA
Insights into mechanisms and biology of Hox proteins.

21h15: **Posters and drinks**
**D- Morphogenesis and organogenesis**

**CHAIR: Mounia LAGHA and Alain VINCENT**

9h00-9h45: **PLENARY SESSION: Mounia LAGHA**
Exploring the role of paused polymerase on transcriptional dynamics.

9h45-10h05: **D. SEYRES, Marseille**
Genome wide identification of cis-regulatory elements from (very) small cell population: Insights from the drosophila cardiac tube.

10h05-10h25: **H. CHANUT-DELALANDE, Toulouse**
Pri peptides are mediators of ecdysone for the temporal control of development.

10h25-11h00: **Coffee**

11h00-11h20: **L. BATAILLE, Toulouse**
An Org-1--Tup transcriptional cascade reveals the existence of different types of alary muscles connecting internal organs in Drosophila.

11h20-11h40: **N. GONZALEZ-MORALES, Nice**
The Atypical Cadherin Dachsous and Planar Cell Polarity control Left-Right Asymmetry in Drosophila.

11h40-12h00: **J. BOHERE, Toulouse**
The transcription factor Shavenbaby controls drosophila renal stem cells behaviour.

12h00-12h20: **A. DIB, Toulouse**
Function and regulation mode of the pri gene during drosophila development.

12h30: **Lunch**
14h00-14h45: **PLENARY SESSION:** Pauline SPEDER  
Tell me what you eat: nutritional adaptation of neural stem cells.

14h45-15h05: **J.M. DURA,** Montpellier  
Extrinsic DRL Guides DRL-2-expressing Drosophila Mushroom Body Axons by WNT5 Ligand presentation and Ectodomain Shedding.

15h05-15h25: **F. MARTIN,** Nice  
Neuroendocrine Control of Drosophila Behavior.

15h25-16h00: **coffee**

16h00-16h20: **M. GHO,** Paris VI  
Precocious divisions promote self-renewal of sensory organ precursor cells.

16h20-16h40: **P. CATTENOZ,** Strasbourg  
Decrypting the glia differentiation program.

16h40-17h00: **C. FONS,** London  
Molecular mechanisms of CNS sparing in Drosophila.

17h00-17h20: **M. ANDRIATSILAVO,** Paris  

17h20-18h05: **PLENARY SESSION:** Bénédicte DURAND  
Cilia assembly in Drosophila: what can we learn?

18h05-18h45: **Business sessions**

19h15: **Dinner**

**DANCING**
F- Physiology and Metabolism
CHAIR: Pierre LEOPOLD and Alex GOULD

9h30-10h15: PLENARY SESSION: Alex GOULD
Protecting the growing CNS from starvation and hypoxia.

10h15-10h35: N. AGRAWAL, Nice
The nutritional regulation of body size by the Drosophila TNF/JNK pathway.

10h35-11h00: Coffee

11h00-11h20: M. TEFIT, Lyon
Host-microbiota interactions: Effects of Lactobacillus plantarum on Drosophila adult physiology.

11h20-11h40: A. GALLET, Nice
A balance between JNK and Hippo signalling pathways maintains the cellular homeostasis of the intestine upon bacterial food poisoning.

12h00: Lunch