

MONDAY OCTOBER 27th

16h15-16h30: *WELCOME*

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

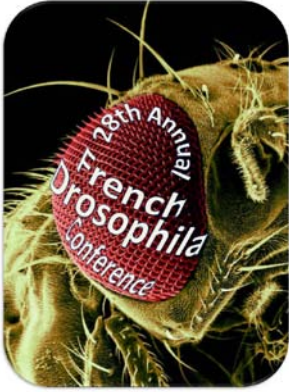
Controlling mechanism of basal actomyosin oscillation during Drosophila ovary development.

19h15: *Dinner*

20h30-21h15: **PLENARY SESSION: Stéphane NOSELLI**

Left-Right asymmetry in Drosophila.

Bar



TUESDAY OCTOBER 28th

B- Cell cycle/ Cell growth/Cell Signaling

CHAIR: Clemens CABERNARD and Frédérique PERONNET

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

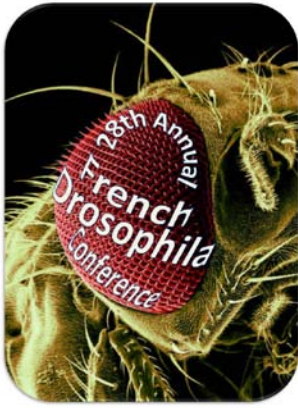
Characterization of the Drosophila hematopoietic niche: role of the Slit/Robo signaling pathway.

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. DUFOURT**, 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

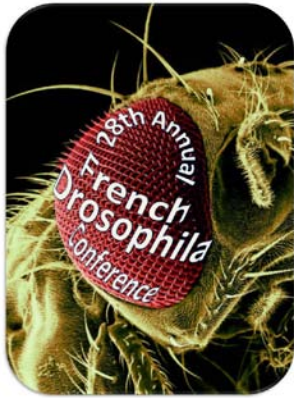
Epigenetic control of ribosome biogenesis: deciphering the role of RPL12 in transcription.

19h15: *Dinner*

20h30-21h15: PLENARY SESSION: Yacine GRABA

Insights into mechanisms and biology of Hox proteins.

21h15: *Posters and drinks*



WEDNESDAY OCTOBER 29th

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 Dachshous and Planar Cell Polarity control Left-Right Asymmetry in Drosophila.

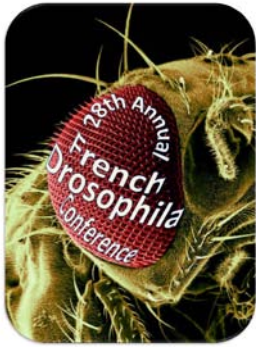
11h40-12h00: **J. BOHERE**, Toulouse

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**



E- Neurobiology / Stem cells

CHAIR: Pauline SPEDER and Bénédicte DURAND

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

Split-ends : a new regulator of adult stem cells in Drosophila intestine.

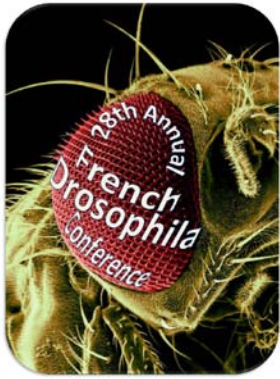
17h20-18h05: PLENARY SESSION: Bénédicte DURAND

Cilia assembly in Drosophila: what can we learn?

18h05-18h45: Business sessions

19h15: *Dinner*

DANCING



THURSDAY OCTOBER 30th

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*