

	Oct 9th	Oct 10th	Oct 11th	Oct 12th
8h45		<u>Session 2 - Behaviour and Metabolism</u> <b>Carlos Ribeiro</b>		
9h05			<u>Session 5 - RNA</u> <b>Florence Besse</b>	
9h25		Jean-François Ferueur		<u>Session 8 - Transcription</u> <b>Cédric</b>
9h45		Bénédicte Lefèvre	Emilie Brasset	Quentin Laurichesse
10h05		Samuel Rommelaere	Serge Plaza	François Juge
10h25		Coffee break	Fillip Port	Guillome Junion
10h45		<u>Session 3 - Ageing and Nutrition</u> <b>Matthew Piper</b>	Coffee break	Coffee break
11h05			<u>Session 6 - Morphogenesis</u> <b>Suzanne Eaton</b>	<u>Systems Biology of Transcription</u> <b>Keynote: Robert Zinzen</b>
11h25		Kasia Siudeja		
11h45		Michael Rera	Claudio Collinet	
12h05		Gilles Storelli	Vincent Mirouse	Poster and talk prizes
12h25		Stéphanie Soule	Xiaobo Wang	
12h45		Lunch	Lunch	Lunch and departure
14h	Arrival & Registration			
15h		Poster Session 2	Free Time	
16h	<u>Session 1 - Growth</u> <b>Keynote: Anne Classen</b>			
16h40				
17h	Michèle Crozatier	<u>Session 4 - Host-Microbes Interactions</u> <b>Luís Teixeira</b>	<u>Session 7 - Cell Biology</u> <b>Francois Schweisguth</b>	
17h20	Aynur Kaya-Copur			
17h40	Mathias Beller	Pierre Cattenoz	Catherine Hermant	
18h	Natalia Mora	Jessika Consuegra	Pénélope Darnat	
18h20		Theodore Grenier	Jules Lavalou	
18h40	Aperitif and cocktail drink	Diana Rodrigues	Anne Plessis	
19h	Dinner			
20h		Dinner	Dinner	
21h	Poster Session 1			
22h		Mixer	Party	

**Day 1 -9th October**

14:00-16:00 Arrival and registration



Session 1: Growth sponsored by The Company of Biologists

16:00-17:00 **Keynote lecture: Anne Classen**

*Tissue stress responses in regeneration and cancer*

17:00-17:20 **Michèle Crozatier**

*The vascular niche controls Drosophila hematopoiesis via FGF signaling*

17:20-17:40 **Aynur Kaya-Copur**

*Discs large 5 and Slmap regulate the Hippo pathway to control post-mitotic growth in Drosophila muscles*

17:40-18:00 **Mathias Beller**

*FlySilico: Flux-balance modeling of Drosophila larval growth and resource allocation*

18:00-18:20 **Natalia Mora**

*A Temporal Transcriptional Switch Governs Stem Cell Division, Neuronal Numbers, and Maintenance of Differentiation*

18:40-19:00 Aperitif and cocktail drink

19:00-21:00 Dinner

21:00-23:00 Poster Session 1

**Day 2 - 10th October**

Session 2: Behaviour and Metabolism

8:45-9:25	<b>Carlos Ribeiro</b> <i>Dissecting the neuronal basis of nutritional decisions</i>
9:25-9:45	<b>Jean-François Ferveur</b> <i>Pre-imaginal conditioning alters adult sex pheromone response in <i>Drosophila</i></i>
9:45-10:05	<b>Bénédicte Lefèvre</b> <i><i>Drosophila pachea</i> male left genital lobe length affects copulation success</i>
10:05-10:25	<b>Samuel Rommelaere</b> <i>The exchangeable Apolipoprotein Nplp2 sustains lipid flow and heat adaptation in <i>Drosophila</i></i>

10:25-10:45 Coffee Break

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Session 3: Ageing and Nutrition

10:45-11:25	<b>Matthew Piper</b> <i>The Role of Amino Acid Balance in Lifespan and Health in <i>Drosophila</i></i>
11:25-11:45	<b>Kasia Siudeja</b> <i>Somatic transposition drives genetic heterogeneity of adult stem cells</i>
11:45-12:05	<b>Michael Rera</b> <i>Ageing enhances evolvability</i>
12:05-12:25	<b>Gilles Storelli</b> <i>"Metabo-Devo": <i>Drosophila</i> HNF4 directs a switch in lipid metabolism that supports the transition to adulthood</i>
12:25-12:45	<b>Stéphanie Soule</b>  <i>ninaD, a deregulated gene in the snoRNA <i>jouvence</i> mutant, is involved in lipid and cholesterol metabolism in the gut and modulates lifespan in <i>Drosophila</i></i>

12:45 Lunch

14:00 Poster session 2

**Day 2 - 10th October**

Session 4 - Host-Microbes Interactions

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| 17:00-17:40 | <b>Luís Teixeira</b><br><i>Drosophila melanogaster</i> interaction with stable gut-colonizing bacteria in wild populations                                |
| 17:40-18:00 | <b>Pierre Cattenoz</b><br><i>Embryonic hematopoiesis modulates the inflammatory response and larval hematopoiesis in Drosophila</i>                       |
| 18:00-18:20 | <b>Jessika Consuegra</b><br><i>How host-commensals interactions shape the nutritional requirements of Drosophila larvae</i>                               |
| 18:20-18:40 | <b>Theodore Grenier</b><br><i>Probing commensal-mediated compensation of developmental delay upon aminoacids scarcity using a chemically defined diet</i> |
| 18:40-19:00 | <b>Diana Rodrigues</b><br><i>Immune response to parasitization in Drosophila blood progenitors is differentially regulated by JAK/STAT signaling</i>      |

20:00-22:00 Dinner

22:00-23:00 Mixer

**Day 3 - 11th October**

Session 5 - RNA

9:05-9:45	<b>Florence Besse</b> <i>Regulating neuronal RNP granules in space and time</i>
9:45-10:05	<b>Emilie Brasset</b> <i>Trapping transposons into germline piRNA cluster enables to counteract germline invasion by somatic endogenous retrovirus</i>
10:05-10:25	<b>Serge Plaza</b> <i>Investigating the coding capacity of microRNA precursors in Drosophila</i>
10:25-10:45	<b>Fillip Port</b> <i>A large-scale transgenic sgRNA library for tissue-specific CRISPR screening in Drosophila</i>

10:45-11:05 Coffee Break



Session 6 - Morphogenesis

sponsored by the « Société Française de Biologie du Développement (SFBD) »

11:05-11:45	<b>Suzanne Eaton</b> TBA
11:45-12:05	<b>Claudio Collinet</b> <i>A self-organized mechanical cycle underlies a tissue contractile wave and polarizes morphogenesis of the Drosophila endoderm</i>
12:05-12:25	<b>Vincent Mirouse</b>  <i>Oriented basement membrane fibrils provide a memory for F-actin planar polarization via the Dystrophin-Dystroglycan complex during tissue elongation</i>
12:25-12:45	<b>Xiaobo Wang</b> <i>Distinct myosin flows coupled to adhesion orchestrate collective cell migration within multicellular tissues</i>

12:45 Lunch

14:00-17:00 Free time

Day 3 - 11th October



Session 7 - Cell Biology

sponsored by the « Société Française de Biologie Cellulaire (SFBC)

17:00-17:40	<b>Francois Schweisguth</b> <i>Patterning of Sensory organs and Notch dynamics</i>
17:40-18:00	<b>Catherine Hermant</b> <i>Regulation of stem cell abscission in the drosophila female germline</i>
18:00-18:20	<b>Pénélope Darnat</b> <i>Cyclin A as a novel link between cell proliferation and cell polarity</i>
18:20-18:40	<b>Jules Lavalou</b> <i>Tolls and GPCR signalling cooperate to activate Myosin II at junctions</i>
18:40-19:00	<b>Anne Plessis</b> <i>Regulation of a RNA-binding protein by Hedgehog/Smoothed signalling</i>

20:00-22:00 Dinner

22:00

onwards Party

**Day 4 - 12th October**

Session 8 - Transcription

9:25-9:45	<b>Cédric Polesello</b> <i>Shavenbaby and Yorkie mediate Hippo signaling to protect adult stem cells from apoptosis</i>
9:45-10:05	<b>Quentin Laurichesse</b> <i>Kruppel-like factor dar1 is required for proper musculoskeletal architecture of the Drosophila leg</i>
10:05-10:25	<b>François Juge</b> <i>Modulation of Yorkie activity by alternative splicing</i>
10:25-10:45	<b>Guillome Junion</b> <i>TRAP-rc-Seq identifies novel actors of a polarized nucleus-cytoskeleton-ECM connection driving collective cardioblasts migration in Drosophila</i>

10:45 Coffee break

Session 8 - Transcription (continued)

11:05-11:45	<b>Keynote Lecture: Robert Zinzen</b> <i>Early patterning and the acquisition of neurogenic identities in the embryonic nervous system of the fruit fly embryo</i>
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11:45-12:05 Poster and talk prizes awarding

12:05-13:30 Lunch

13:30 -  
onwards Departure

Poster N	Poster session 1 (Tuesday 9th October)	
	Presenter	Title
1	<b>Manon Boulet &amp; Marion Miller</b>	<i>Characterization of The epigenetic enzyme TET: an integrative approach</i>
3	<b>Fabienne De Graeve</b>	<i>An image based high throughput screen to identify regulators of Imp containing RNP granules</i>
5	<b>Stefan Harmansa</b>	<i>Investigating the emergence of mechanical stress and its impact on the growth of the Drosophila wing imaginal disc</i>
7	<b>Magalie Lecourtois</b>	<i>Identification of genetic modulators of TDP-43 production in a new autoregulatory TDP-43 Drosophila model</i>
9	<b>Julien Marcetteau</b>	<i>Understanding the role of Arf6 in the wingless signaling pathway</i>
11	<b>Stéphanie Maupetit-Méhouas</b>	<i>The interplay between the Argonaute proteins Piwi and Aub within Drosophila germarium is critical for oogenesis, piRNA biogenesis and TE silencing</i>
13	<b>Douaa Moussalem</b>	<i>Differential functions of the GATA transcription factor Serpent isoforms during Drosophila hematopoiesis</i>
15	<b>Nuno Miguel Luis</b>	<i>Mechanisms of sarcomeric protein homeostasis during exercise and ageing</i>
17	<b>Emilie Plantié</b>	<i>A potential role for MYOM2 in Tetralogy of Fallot and Hypertrophic Cardiomyopathy Using the Drosophila Heart as a Model</i>
19	<b>Cédric Soler</b>	<i>Odd-skipped and Stripe act downstream of Notch to promote the morphogenesis of long appendicular tendons in Drosophila</i>
21	<b>Marina Antunes</b>	<i>Regulation of the trafficking of the G protein-coupled receptor Smoothed by Hedgehog in drosophila</i>
23	<b>Michael Lang</b>	<i>Evolution of genital asymmetry and copulation behavior in the Drosophila nannopectera species group</i>



Poster N	Poster session 2 (Wednesday 10th October)	
	Presenter	Title
2	<b>Rouba Jneid</b>	<i>Btk toxins influence progenitor cell fate of intestinal stem cells</i>
4	<b>Raphaëlle Dubruille</b>	<i>Impact of Rsp satellite DNA on spermiogenesis progression in the Segregation distorter system</i>
6	<b>Natacha Kremer</b>	<i>Does the host genotype influence within-host selection and symbiont density?</i>
8	<b>Benjamin Loppin</b>	<i>Sperm chromatin organization in insects</i>
10	<b>Tamas Matusek</b>	<i>Uncovering alternative Hedgehog trafficking routes</i>
12	<b>Cédric Maurange</b>	<i>Early cooption of RNA-binding proteins induces hierarchical neural tumors in Drosophila</i>
14	<b>Karine Narbonne-Reveau</b>	<i>Steroid regulation of regenerative potential in developing Drosophila tissues through a transcriptional bistable loop</i>
16	<b>Payet Adeline</b>	<i>Function of a transcriptional Mediator complex subunit in tissue proliferation</i>
18	<b>Laurent Ruel</b>	<i>Protein Association Changes in the Hedgehog Signaling Complex Mediate Differential Signaling Strength</i>
20	<b>Baya Chérif-Zahar</b>	<i>The Drosophila ammonium transporter Rh50 is required for integrity of the larval muscles and neuromuscular system</i>
22	<b>Clement Rodier</b>	<i>Dynamic investigation of sarcomere addition and maturation in Drosophila.</i>
24	<b>Vincent Loreau</b>	<i>Quantifying mechanical forces across titin during myofibril formation in vivo</i>