

27th European Drosophila Research Conference

October 20 – 23, 2023

Lyon, France



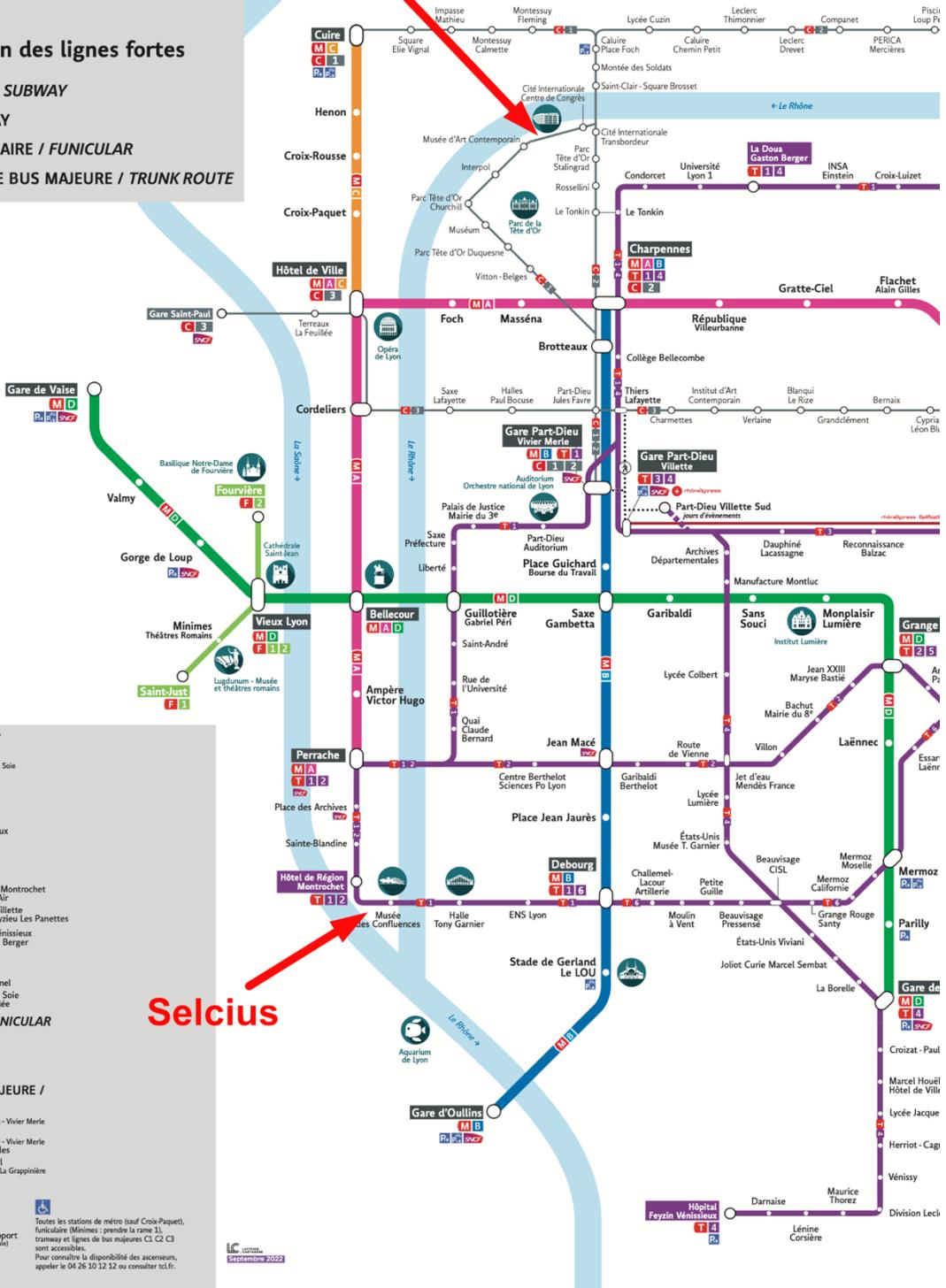
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EDRC 2023

SYTRAL MOBILITÉS Plan des lignes fortes

- M** MÉTRO / SUBWAY
- T** TRAMWAY
- F** FUNICULAIRE / FUNICULAR
- C** LIGNE DE BUS MAJEURE / TRUNK ROUTE



- MÉTRO / SUBWAY**
- M A** Perrache Vaulx-en-Velin La Soie
 - M B** Charpennes Gare d'Oullins
 - M C** Hôtel de Ville Cuire
 - M D** Gare de Vaise Gare de Vénissieux
- TRAMWAY**
- T 1** Debourg IUT Feysine
 - T 2** Hôtel de Région Monrochet Saint-Priest Bel Air
 - T 3** Gare Part-Dieu Villette Meyzieu Zi / Meyzieu Les Panettes
 - T 4** Hôpital Feyzin Vénissieux La Doua - Gaston Berger Grange Blanche Eurexpo
 - T 5** Debourg Hôpital Est - Pinel
 - T 6** Vaulx-en-Velin La Soie Décines - OL Vallée
 - T 7** Vaulx-en-Velin La Soie Décines - OL Vallée
- FUNICULAIRE / FUNICULAR**
- F 1** Vieux Lyon Saint-Just
 - F 2** Vieux Lyon Fourvière
- LIGNE DE BUS MAJEURE / TRUNK ROUTE**
- C 1** Gare Part-Dieu - Vivier Merle Cuire
 - C 2** Gare Part-Dieu - Vivier Merle Rillieux Serrailles
 - C 3** Gare Saint-Paul Vaulx-en-Velin La Grappinière
- SERVICES**
- P** Parc relais
 - PV** Parc relais Vélo
 - A** Desserte aéroport (autorisation spéciale)
 - SVZ** Gare
- Toutes les stations de métro (sauf Croix-Paquet), funiculaire (Minimes : prendre la rame 1), tramway et lignes de bus majeures C1 C2 C3 sont accessibles.
Pour connaître la disponibilité des ascenseurs, appeler le 04 26 10 12 12 ou consulter sl.fr.
- IC Lyon
Septembre 2022

Selcius

Day 1 - Friday, October 20, 2023

REGISTRATION - WORKSHOPS (1/2)

Virtual

11:00-13:00	Registration			
13:00-13:15 13:15-13:30 13:30-13:45 13:45-14:00 14:00-14:15 14:15-14:30 14:30-14:45 14:45-15:00 15:00-15:15	<i>Auditorium Pasteur</i> The sex workshop Elizabeth Rideout, Jenny Regan & Bruno Hudry	<i>Auditorium Lumière</i> Cancer models workshop Allison Bardin & Renata Basto	<i>Salon Pasteur</i> Immunity beyond infection workshop Estee Kurant, Angela Giangrande, Kathrin Kierdorf & Bruno Lemaître	
	Elizabeth Rideout Studying sex differences in <i>Drosophila</i>	Allison Bardin Nucleotide sharing through gap junctions buffers replication stress	Caroline Dillard Role and regulation of NF- κ B -driven tumorigenesis	
	Brian McCabe +/-10%: Sexual Dimorphism in the larval CNS	Manon Budzyk Gen nuclease is essential for the proliferation of non-programmed polyploid cells	Parvathy Ramesh Immune control of local and systemic manifestations of Colorectal Cancer in <i>Drosophila</i>	
	Deepika Vasudevan Sex-specific differences in stress response signaling	Brian Calvi Unscheduled endoreplication impairs the growth and function of cells and tissues	Hila Toledano Spontaneous and massive elimination of germ cell progenitors by phagoptosis	
	Galit Shohat-Ophir Failure to mate enhances investment in behaviors that may promote mating reward and impairs the ability to cope with stressors via a subpopulation of Neuropeptide F receptor neurons	Wu-Min Den Sex dimorphic and systemic regulation of tumor growth by Upd2-JAK/STAT signaling	Bayan Kharrat Dual role for the orthologue of HECA, Headcase, in blood cell progenitor maintenance in the <i>Drosophila</i> lymph gland	
	Carolina Rezaval Is love blind? Mating probability gates threat perception	Kaustuv Ghosh Chromosomal Instability-induced Cell Invasion through Caspase-driven DNA Damage	Sara Monticelli Early-wave macrophages: novel string-puller of late hematopoiesis	
	Pau Carazo Sexual selection and sexual conflict in complex environments	Tatsushi Igaki Non-cell autonomous tumor progression by unfolded protein response	Fabian Hersperger Crosstalk between hemocytes and fat body regulates energy mobilization during oxidative stress	
	Lesley Weaver The <i>Drosophila</i> Estrogen-Related Receptor acts as a central regulator of oogenesis	Anne-Marie Martinez Transient loss of Polycomb components induces an epigenetic cancer fate	Iwan Evans Control of macrophage subpopulation specification and function across the lifecycle	
	Benjamin Prud'homme How inter-allelic interactions shape sex-specific expression of X-linked genes?	Marta Mira-Osuna Contribution of septate junction components to apical and basal extrusion of protumoral cells	Francesca Di Cara Metabolic alteration of the gut-brain axis triggers IMD-mediated immune signaling in aging brains leading to neurodegeneration	
	Yu Xuan Sex, Drugs, and Longevity	Mirka Uhlířova Immunosurveillance, understanding the crosstalk between immune cells and epithelial tumors	Martina Montanari Larval microbiota primes the <i>Drosophila</i> adult gustatory response	
	15:15-15:30	Break		

Day 1 - Friday, October 20, 2023 (continued)

WORKSHOPS (2/2)

	<i>Auditorium Pasteur</i>	<i>Auditorium Lumière</i>	<i>Salon Pasteur</i>
	The ageing workshop Helena Cochemé & Gilles Storelli	The gut workshop Julia Cordero & Irene Miguel-Aliaga	The innovative imaging and quantitative image analysis workshop Frank Schnorrer & Pavel Tomancak
15:30-15:45	Sara Al Issa Characterization of a cluster of three snoRNAs, including jouvence, involved in lifespan, neurodegeneration, and metabolism, in <i>Drosophila</i>	Lucy O'Brien Cutting loose: Mechanosensitive cell extrusions shrink the gut following food withdrawal	Pavel Tomancak Mastodon: the real deal for developmental lineage analysis
15:45-16:00	Geetanjali Chawla miR-375 regulates dietary restriction dependent enhancement of lifespan in <i>Drosophila</i>	Golnar Kolahgar Mechanotransduction in the stem cell niche	Romain Levayer Automatic detection of cellular events in large movies through machine learning
16:00-16:15	Gaia Fabris PWP1 affects aging by mediating intestinal stem cell homeostasis in a nutrient dependent manner	Ditte Andersen Pvf1-PvR-mediated crosstalk between the trachea and the gut stimulates intestinal stem cell migration and divisions during gut regeneration	Katja Röper Imaging the mechanisms and mechanics of tube morphogenesis
16:15-16:30	Claudia Lennicke Redox regulation of autophagy extends lifespan in <i>Drosophila</i>	Sa Kan Yoo Ereiosis, cell death during homeostatic turnover of gut enterocytes	Stephan Preibisch Reconstructing the complete fruit fly central nervous system connectome from isotropic FIB-SEM data
16:30-16:45	Polina Reichert Mitochondrial redox protein quality control as a key determinant in ageing	Chrysoula Pitsouli The sterol transporter Npc2c controls intestinal stem cell mitosis and host-microbiome interactions in <i>Drosophila</i>	Virginia Pimmett The central dogma goes live in the early embryo
16:45-17:00	Michael Rera Studying ageing as a two phases process: into Smurfness	Fumiaki Obata Gut Microbiome for metabolic homeostasis and inflammaging	Matteo Rauzi Composite morphogenesis: how can a tissue fold and extend at the same time
17:00-17:15	Mathilde Solyga Regulation and function of ribonucleoprotein granules in the aging <i>Drosophila</i> brain	Edan Foley Immune Regulation of Intestinal Stem Cell Survival	Markus Affolter Engineer the fly genome for protein visualization and manipulation
17:15-17:30	Wei Song Renal NF- κ B activation impairs uric acid homeostasis to shorten lifespan in the context of tumors	Ryusuke Niwa A high-protein diet-responsive enteroendocrine hormone regulates feeding behavior and metabolic optimization in <i>Drosophila</i>	Frank Schnorrer Nanobodies, DNA-PAINT super-resolution imaging and spatial transcriptomics in adult fly tissue
17:30-17:45	Alessio Vagnoni In vivo characterisation of mitochondrial contact sites in <i>Drosophila</i> neurons: implications for ageing and neurodegeneration	Katerina Siudeja Somatic genome instability and endogenous retroelement activity	
17:45-18:00	Coffee break		

Day 1 - Friday, October 20, 2023 (continued)

PLENARY SESSION

18:00-18:10	EDRC 2023 - Welcome address
18:10-18:40	 EMBO keynote lecture: Mike Levine Ultra-long range enhancer-promoter interactions in the Drosophila brain
18:40-18:50	A tribute to Michael Ashburner: Luis Teixeira
18:50-19:20	Josefa Gonzalez Transposable elements: drivers of gene expression and gene structure novelty relevant for adaptative evolution
19:20-19:50	Margaret Fuller How to rapidly switch cell types: alternative processing of nascent transcripts controls a dramatic shift in the proteins expressed in the proliferating vs differentiating states
19:50-21:50	Welcome cocktail <i>Forum</i>

Day 2 - Saturday, October 21, 2023

Virtual

9:00-9:30	<p>Tadashi Uemura Impact of nutrition histories in larval stages on growth, organogenesis and lifespan</p>		
9:30-10:00	<p>Bénédicte Sanson Exploring the impact of physical forces on morphogenetic mechanisms at the tissue scale</p>		
10:00-10:30	<p>Coffee break</p>		
	<p><i>Auditorium Pasteur</i> Cell stress, growth, proliferation and death Chairs: Eugenia Piddini & Bertrand Mollereau</p>	<p><i>Auditorium Lumière</i> Neural development, circuit and behavior Chairs: Jonathan Enriquez & Marion Sillies</p>	<p><i>Salon Pasteur</i> Population genetics and evolution Chairs: Nicolas Gompel & Virginie Courtier Orgogozo</p>
10:30-10:45	<p>Caspases promote tissue regeneration by compensatory proliferation Tsilil Braun</p>	<p>Relative synaptic affinity organizes the circuit for visual motion opponency Filipe Teixeira Pinto</p>	<p>Engrailed anterior compartment expression and the evolution of pre-adaptive novelty James C-G Hombria</p>
10:45-11:00	<p>The contribution of compensatory growth to cell competition and tissue invasion Ralitz Staneva</p>	<p>A Sense of Need: How Single Amino Acid Deprivations Remodel Sensory Systems and Behavior Gili Ezra-Nevo</p>	<p>Contribution of transposable elements in the sex gap longevity in different <i>Drosophila</i> species Miriam Merenciano Gonzalez</p>
11:00-11:15	<p>Role of c-Jun N-terminal kinases (JNK) signalling in balancing cell removal and renewal in a stressed epithelium Ana Bolhaqueiro</p>	<p>Identification of new regulators controlling <i>Drosophila</i> brain laterality Cloé Fixary-Schuster</p>	<p>Size matters: investigating the genetic and developmental bases of the rapid diversification of male <i>Drosophila</i> genital morphology Alistair Mcgregor</p>
11:15-11:30	<p>Revealing the mechanism behind the RpS12 dependent regulation of Xrp1 in Minute cells and its implications in Cell Competition. Marianthi Kiparaki</p>	<p>A temporal sequence of probabilistic processes determines axon target choice in the developing CNS Maheva Andriatsilavo</p>	<p>Regulatory evolution tuning pigmentation intensity quantitatively in <i>Drosophila</i> wings Xinyi Li</p>
11:30-11:45	<p>Stress-induced organismal death is genetically programed by the Zeste-Phae1 axis Takashi Matsumura</p>	<p>A novel post-developmental role of the Hox genes underlies normal adult behaviour Claudio R Alonso</p>	<p>Genetic and morphological basis of brain miniaturization in <i>Drosophila melanogaster</i>. Samuel Bourgeat</p>
11:45-12:00	<p>Turandot proteins promote resilience to stress by preventing antimicrobial peptides-dependent tracheal cell death Samuel Rommelaere</p>	<p>Temperature directs nervous system development during a critical period involving mitochondrial reactive oxygen species and HIF 1 alpha Daniel Sobrido-Camean</p>	<p>Role of sugar perception in oviposition host shift of the pest <i>Drosophila suzukii</i> Matthieu Cavey</p>
12:00-12:15	<p>The new glial phagocytic receptor Santa-maria acts with SIMU in recognition and engulfment of apoptotic neurons Estee Kurant</p>	<p>Mitochondria transfer from neuronal soma to synapses is required to initiate long-term memory formation Alice Pavlowsky</p>	<p>Assimilation of an acquired character by plasticity induced genetic and epigenetic inheritance Gonzalo Sabaris</p>
12:15-12:30	<p>An autophagy-related phagocytosis pathway in glia promotes axon debris clearance and fly survival after nervous system injury Gabor Juhasz</p>	<p>Creating true and false memories from forgotten information in <i>Drosophila</i> Johannes Felsenberg</p>	<p>Larvae of both sexes make conserved hyper-long hydrocarbons required for the desiccation barrier at eclosion Lena Lampe</p>
12:30-12:45	<p>A cross talk between p53 and the cell cycle regulates apoptotic induction and tumor formation in <i>Drosophila</i> Carlos Estella</p>	<p>Sensory neuron population expansions enable persistent odour-evoked behaviour in an ecological specialist Suguru Takagi</p>	<p>Functional impact of SNP alleles in Eip75B on life-history evolution Katja Hoedjes</p>
12:45-13:00	<p>Deciphering the role of Histidine during early colorectal cancer Cornelia Biehler</p>	<p>How the Brain Control Motor Circuits in the Adult Nerve Cord Tomke Stürner</p>	<p>Dynamics of multitrophic interactions in a specialist's ecological niche Ambra Masuzzo</p>
13:00-15:00	<p>Lunch</p>		
	<p>14:00 EDS meeting</p>		

Day 2 - Saturday, October 21, 2023 (continued)

	<i>Auditorium Pasteur</i> Stem cells and regeneration Chairs: Ingrid Lohman & Sarah Bray	<i>Auditorium Lumière</i> Disease models Chairs: Julia Cordero & Hector Herranz	<i>Salon Pasteur</i> Immunity and symbiosis Chairs: Luis Teixeira & Jenny Regan
15:00-15:15	Ramping it up a Notch: Midgut injury accelerates stem cell differentiation by modulating a fate-determining lateral inhibition circuit Hsuan-Te Sun	EyaHOST: A modular dual binary-expression system for investigating tumor-host interactions in vivo José Teles Reis	The twilight zone between transposons and endogenous retroviruses Maya Voichek
15:15-15:30	Regional and cellular heterogeneity of intestinal tryptophan metabolite signaling Nicole Lamichane	Unmasking the competitive loser status of tumours with ribosomal mutations. Jules Lavalou	cGAS-like receptor-mediated immunity: the drosophila perspective Carine Meignin
15:30-15:45	Mechanosensory regulation of intestinal regeneration in <i>Drosophila</i> through the vascular stem cell niche Jessica Perochon	Chromosomal Instability-induced cell invasion through Caspase-driven DNA Damage Kaustuv Ghosh	<i>Drosophila</i> host defense against secreted virulence factors: how a few immune-response secreted peptides protect the host against distinct mycotoxins Dominique Ferrandon
15:45-16:00	Genetic epigenetic and environmental factors induce a mitosis-dysplasia positive feedback loop via DNA replication stress during aging Constantina Neophytou	Sickness sleep: Gut hyperplasia disrupts normal sleep and affects brain circadian outputs in <i>Drosophila</i> Sofia Polcownuk	An antimicrobial peptide family evolutionarily adapted to control bacteria present in the host ecology Mark Hanson
16:00-16:15	Understanding female-specific predisposition to genetically-induced intestinal tumours Renald Delanoue	Investigating pathogenic human CDK19 variant functions in <i>Drosophila</i> reveals insight into normal and disease mechanisms of Cdk8/19 family proteins Esther Verheyen	The gut microbiome controls gastrointestinal transit in <i>Drosophila</i> Aparna Kelkar
16:15-16:45	Coffee break		
	<i>Auditorium Pasteur</i> Stem cells and regeneration Chairs: Ingrid Lohman & Sarah Bray	<i>Auditorium Lumière</i> Disease models Chairs: Julia Cordero & Hector Herranz	<i>Salon Pasteur</i> Immunity and symbiosis Chairs: Luis Teixeira & Jenny Regan
16:45-17:00	Exploring chromatin state transitions in the <i>Drosophila</i> intestinal lineage Louis Gervais	Lamp1 lipid transport and Parkinson Andreas Jenny	Microbiota-mediated suppression of a gut-derived delectin's expression promotes <i>Drosophila</i> larvae systemic growth upon malnutrition Longwei Bai
17:00-17:15	Unraveling heterogeneity and dynamics of muscle stem cell niches through integration of single-cell transcriptomics and advanced imaging Josephine Bageritz	Spastin elevating approaches and their validation in <i>Drosophila melanogaster</i> models of Hereditary Spastic Paraplegia type 4 (SPG4-HSP) Claudia Carsetti	An experimental framework to identify microbe-derived metabolites promoting host health Jason Millington
17:15-17:30	Deciphering gene regulatory networks in early spermatogenesis by multimodal sequencing Patrick Van Nierop Y Sanchez	Deregulations of miR-1 and its target Multiplexin promote dilated cardiomyopathy associated with myotonic dystrophy type 1 Anissa Souidi	Endosymbiont-induced nutritional immunity protects the host from infections Igor Iatsenko
17:30-17:45	Somatic cells support germ cell survival by shuttling glycolytic products Diego Sainz De La Maza	A multi-model approach investigating patient-derived gene candidates underlying Atrial Fibrillation disease manifestation. James Kezos	¹³ C-labeled glucose and trehalose metabolism in larval hemocytes responding to parasitoid wasp Tomáš Doležal
17:45-18:00	Peer pressure: adhesion-dependent tension in the glial niche regulates neural stem cell proliferation Pauline Spéder	A <i>Drosophila</i> model for Dent's disease unveils a role for chloride/proton exchanger Clc-c in regulating the cortical actin cytoskeleton Christer Salómon	Immune cells maintain internal oxygen homeostasis in <i>Drosophila</i> Mingyu Shin
18:00-20:00	Poster session (even numbers) with wine & cheese <i>Forum</i>		

Day 3 - Sunday, October 22, 2023

9:00-9:30	Hongyan Wang Waking up "sleeping" neural stem cells		
9:30-10:00	Julius Brennecke The co-evolution between transposable elements and the piRNA pathway		
10:00-10:30	Coffee break		
	<i>Auditorium Pasteur</i> Signalling Chairs: Marco Milan & Giorgos Pyrowolakis	<i>Auditorium Lumière</i> Cell biology Chairs: Yanlan Mao & Anne-Kathrin Classen	<i>Salon Pasteur</i> Transcription and chromatin Chairs: Mounia Lagha & Justin Crocker
10:30-10:45	Searching with a purpose - Effects of Notch activity on the behaviour of its transcription complex Sarah Baloul	Snazarus acts at the crossroads of endocytic and secretory transport in nephrocytes Tamás Maruzs	A precise balance of transcription factor levels and binding site affinities determines Hox specificity Katrin Domsch
10:45-11:00	Notch induced neural tumors exhibit differentiation capacities during allograft propagation Vasiliki Theodorou	An intruder-targeting system eliminates paternal mitochondria after fertilization in Drosophila Sharon Ben-Hur	Re-evaluating enhancer modularity and boundaries with quantitative approaches in Drosophila Mariam Museridze
11:00-11:15	Role of autophagy in blood cell differentiation Pablo Wappner	The ER protein Creld regulates dopaminergic neuron activity via mitochondrial hydrogen peroxide production Margret H. Bülow	Pri peptides temporally coordinate transcriptional programs during epidermal differentiation Hélène Chanut-Delalande
11:15-11:30	The master cell cycle regulator CDK1 regulates Ras-MAPK-dependent cell fate choice during Drosophila eye development Yuu Kimata	Identification of α -tubulin deetyrosinases in human and Drosophila reveals an unexpected enzymatic diversity. François Juge	Exploring the role of transcription in topology during early Drosophila embryogenesis Alessandro Dulja
11:30-11:45	The mechanosensitive channel Piezo delays epidermal wound closure to ensure effective inflammatory response and restoration of epithelial integrity Alessandro Scopelliti	Microtubules coordinate mitochondria with myofibril morphogenesis during flight muscle development Jerome Avellaneda	Regulating 3D gene expression through enhancer-promoter interactions during embryogenesis Deevitha Balasubramanian
11:45-12:00	Regulation of Fat signalling and tissue growth by deubiquitylating enzymes Paulo Ribeiro	Going for a swim: What drives the 'swimming' cell migration of Drosophila adipocytes? Anna Franz	Stonewall links chromatin organization at the nuclear periphery to female germline stem cell fate in Drosophila Madhav Jagannathan
12:00-12:15	Fat and sugar control of taste perception Alenius Mattias	Integration of cortical and lamellar actin networks are required for the migration of Drosophila macrophages Besaiz J Sánchez-Sánchez	Heterochromatin dynamics in DNA damage repair Aniek Janssen
12:15-12:30	Activation of the Innate Immune System Accelerates Tissue Growth in a Drosophila Tumor Model. Fabienne Brutscher	The emerging role of small GTPase Rac1 on basal myosin oscillation Hao Li	Selective requirement for CBP catalytic activity during zygotic genome activation Mattias Mannervik
12:30-12:45	Investigating the role of autophagy and Snap29 in C9orf72-linked ALS/FTD Hermine Smeele Paulien	Assembly of apical integrin-based focal adhesion contacts sustain adherens junctions remodeling during epithelial cytokinesis Emeline Durel	Drosophila TET does not act as a 6mA demethylase and essentially controls gene expression in a catalytic-independent manner. Lucas Waltzer
12:45-13:00	Glutamate receptors interact with transcription factors to regulate synaptic scaling Medha Raman	A cell surface code mediates tissue-intrinsic defense against aberrant cells in epithelia Anna Frey	Building the Regulatory Fly Cell Atlas Eren Can Ekşi
13:00-14:15	Lunch		

Day 3 - Sunday, October 22, 2023 (continued)

	<i>Auditorium Pasteur</i> Morphogenesis and organogenesis Chairs: Katja Röper & Carlos Estella	<i>Auditorium Lumière</i> Physiology and metabolism Chairs: Jishy Varghese & Irene Miguel-Aliaga	<i>Salon Pasteur</i> RNA biology Chairs: Jean-Yves Roignant & Martine Simonelig
14:15-14:30	Epithelium-egg shell interaction and embryo chirality during <i>Drosophila</i> gastrulation Giulia Serafini	The <i>Drosophila</i> gene <i>sima/Hif1alpha</i> is an essential regulator of the larval glycolytic program Jason M Tennessen	Single molecule imaging and modelling of mRNA decay dynamics in the <i>Drosophila</i> embryo Jennifer Love
14:30-14:45	Mitochondrial morphology dynamics regulate gastrulation in <i>Drosophila</i> embryogenesis Richa Rikhy	Store now use later: the temporal allocation of amino acid resources during development Luca Valzania	Germ granule higher-order organization coordinates their different functions. Anne Ramat
14:45-15:00	A genetically guided mechanical wave propagates to drive the formation of an epithelial furrow Anna Popkova	The macrophage genetic cassette <i>inr/dtor/pvf2</i> is a nutritional status checkpoint for developmental timing. Sergio Juarez-Carreño	Translation regulation by HBS1 in retinal development and disease Deepika Vasudevan
15:00-15:15	Biochemical and mechanical control of a morphogenetic wave of contractility Gayatri Mundhe	<i>Drosophila</i> blood cells regulate sugar homeostasis through fructose-sensing receptor Nuri Cha	ELAV autoregulates to safeguard the neuronal 3' UTR landscape under normal and stress conditions. Sakshi Gorey
15:15-15:30	Role of mechano-gated ion channel NompC in epithelial morphodynamics Ankit Roy Choudhury	C-terminal binding protein couples redox-dependent sugar sensing to enteroendocrine cell fate regulation Bohdana Rovenko	Endogenous retrotransposon activity in the <i>Drosophila</i> intestine - towards the mechanisms of action of selfish DNA in the soma Kasia Siudeja
15:30-17:15	Poster session (odd numbers) <i>Forum</i>		
17:15-17:45	Daria Siekhaus Energetic leaders opening unlocked doors: how immune cells infiltrate tissues		
17:45-18:15	Marion Silies Visual processing strategies in dynamically changing environments		
18:30	18:30 - Bus departure to Quai des Célestins !		
18:30-21:00	A (new) journey in Lyon		
21:00-02:00	Gala dinner <i>Selcius restaurant</i>		

Day 4 - Monday, October 23, 2023

	<i>Auditorium Pasteur</i> Morphogenesis and organogenesis Chairs: Katja Röper & Carlos Estella	<i>Auditorium Lumière</i> Physiology and metabolism Chairs: Jishy Varghese & Irene Miguel-Aliaga	<i>Salon Pasteur</i> Methods Chairs: Johannes Bischof & Fillip Port
9:00-9:15	Single-cell behaviour and cell-cell interactions during anastomosis Sofia Araujo	The peptide hormone CG14075/ Marmite secreted from the corpora cardiaca regulates the starvation-dependent response in Drosophila Yuto Yoshinari	Reconstructing spatiotemporal gene expression and enhancer activity in Drosophila embryos using scRNA-Seq and optimal transport Baptiste Alberti
9:15-9:30	Tissue-extrinsic control of gut shape via sexually dimorphic trachea Pedro Gaspar	marmite defines a novel conserved neuropeptide family mediating nutritional homeostasis Ana Patricia Francisco	Towards a whole-larvae atlas of chromatin accessibility to map the developmental enhancer space in Drosophila Hannah Dickmanken
9:30-9:45	Cellular and molecular mechanisms regulating FGFR/Btl and TNFR/Wgn receptors during morphogenesis Marta Llimargas	Neuronal triglyceride metabolism regulates sex differences in whole-body energy homeostasis Elizabeth Rideout	FlyBase 2023: new features and tools to accelerate your research. Steven Marygold
9:45-10:00	Spatio-Temporal control of myoblast diversity in Drosophila Camille Guillermin	The sex and reproductive plasticity of intestinal muscles Alessandro Mineo	Optogenetics for All: NinaB Cleavage of Beta-Carotene as a Source of All-Trans Retinal Karen Hibbard
10:00-10:15	Programmed disassembly of an Interplanar Amida Network coordinates 3D epithelial growth during pupal wing development Ngan Vi Tran	Y chromosome toxicity does not contribute to sex-specific differences in longevity Charlène Clot	CRISPorting: Static and dynamic monitoring of endogenous gene expression using sgRNA Sumejja Zukovic
10:15-10:45	Coffee break		
10:45-11:15	Aurelio Teleman Imaginal discs mark their physical boundary		
11:15-11:45	Magali Suzanne Impact of cell extrusion on tissue dynamics in developmental and tumoral contexts		
11:45-12:15	Gines Morata Apoptosis, cellular senescence and tumorigenesis in imaginal cells		
12:15-12:30	Closing remarks		