

Wednesday, November 18, 2009

AFTERNOON

	18:00	Opening Mixer
	19:00	Welcome Address
Plenary Lectures Athena Room	19:15	Hugo BELLEN , Houston " Genome-wide manipulations of flies."
	20:00	Philip BEACHY , Stanford title not available

Thursday, November 19, 2009 MORNING

Plenary Lectures Athena Room	08:30	Anne EPHRUSSI , Heidelberg "Visualizing Assembly and Transport of the oskar mRNA in the Drosophila Oocyte"		
	09:15	Jürgen KNOBLICH , Vienna "Controlling the balance between self-renewal and differentiation in Drosophila neural stem cells"		
	10:00	COFFEE BREAK		
Concurrent sessions		ATHENA ROOM	HERMES ROOM	RHODES ROOM
	Session	Organogenesis 1	Growth	Immunology
	Chair	Daniel St Johnston	Ernst Hafen	Bruno Lemaître
	10:45	A-01 Title not available	B-01 WingX – Towards Systems Biology of Wing Development <div style="text-align: right;">Hafen, E.</div>	C-01 Invasive and indigenous microbiota impact intestinal stem cell activity through multiple pathways in Drosophila <div style="text-align: right;">Lemaître, B.</div>
	11:00	<div style="text-align: right;">St Johnston, D.</div>	B-02 The WW domain protein Kibra acts upstream of Hippo. <div style="text-align: right;">Poernbacher, I.</div>	<div style="text-align: right;">Boyer, L.</div>
	11:15	A-02 Investigating cell fate decisions of the intestinal stem cell. <div style="text-align: right;">Bardin, A.</div>	B-03 Kibra is a regulator of the Salvador/Warts/Hippo signalling network. <div style="text-align: right;">Genevet, A.</div>	C-02 The role of RacGTPase in Drosophila innate immunity. <div style="text-align: right;">Boyer, L.</div>
	11:30	A-03 Interdependence of macrophage migration and ventral nerve cord development in Drosophila embryos. <div style="text-align: right;">Evans, I.</div>	B-04 Actin Capping Protein restricts cell proliferation through the Hippo signalling pathway. <div style="text-align: right;">Janody, F.</div>	C-03 Intestinal Homeostasis and Serratia Marcescens oral infection: regeneration of the intestinal midgut. <div style="text-align: right;">Ferrandon, D.</div>
	11:45	A-04 The co-repressor dNAB interacts with Brinker to regulate competition for the Dpp survival signal. <div style="text-align: right;">Gerlitz, O.</div>	B-05 The steroid hormone Ecdysone inhibits systemic growth by repressing dMyc activity in Drosophila fat cells. <div style="text-align: right;">Delanoue, R.</div>	C-04 Uptake of the Necrotic Serpin in Garland and pericardial athrocytes via Lipophorin Receptor-1. <div style="text-align: right;">Gubb, D.</div>
	12:00	A-05 Drosophila Musashi family proteins regulate stem cell behaviour through different mechanisms in the ovary and testis. <div style="text-align: right;">Siddall, N.</div>	B-06 microRNAs and growth control. <div style="text-align: right;">Milan, M.</div>	C-05 Wolbachia induces protection to RNA viruses in Drosophila melanogaster. <div style="text-align: right;">Teixeira, L.</div>
	12:15	A-06 The assembly of the musculoskeletal tissue in Drosophila – identification of novel tendon-specific essential signals. <div style="text-align: right;">Volk, T.</div>	B-07 Limitation of neural stem cell symmetric and asymmetric division number by ecdysone in the Drosophila optic lobe. <div style="text-align: right;">Maurange, C.</div>	C-06 Genetic control of calcium homeostasis during phagocytosis. <div style="text-align: right;">Franc, N.</div>
	12:30	LUNCH BREAK		

	14:30	POSTER SESSION 1							
	16:30	COFFEE BREAK							
		ATHENA ROOM			HERMES ROOM			RODHES ROOM	
Concurrent sessions	Session	Signalling 1			Models Human Diseases			Neurophysiology & Behavior	
	Chair	Hilary Ashe			Ross Cagan			Richard Benton	
	17:00	D-01	Regulation of Dpp signalling range in the Drosophila ovary Ashe, H.		E-01	A Fly Approach to Cancer and Diabetes Cagan, R.		F-01	Odour detection by Ionotropic Receptors Benton, R.
	17:30	D-02	A role of receptor Notch in ligand cis-inhibition in Drosophila. Becam, I.		E-02	A tumor suppressive activity of Drosophila Polycomb genes mediated by JAK/STAT signaling. Classen, A-K.		F-02	Male sex peptide is responsible for the loss of siesta sleep in post-mated female Drosophila and an increase in locomotor activity for optimal foraging and egg-laying. Isaac, E.
	17:45	D-03	Novel Conserved Regulatory Elements Control the Tissue-Specificity of the Ras/MAPK Competence Factor pointed. Kaul, A.		E-03	The discs overgrown (dco) mutant - a fly model for the role of Casein Kinase Iε in breast cancer. Dolezal, T.		F-03	Role of a microRNA Pathway in Drosophila Long-Term Memory. Islam, R.
	18:00	D-04	Fine tuning of the BMP/Dpp morphogen activity gradient by a novel feed-back loop. Vuilleumier, R.		E-04	dMyc oncoprotein levels control lethal giant larvae neoplastic growth in Drosophila epithelia. Froldi, F.		F-04	Input activity modulates size and number of synaptic complexes and active zone number in the adult brain of Drosophila. Kremer, M.
	18:15	D-05	Imaging BMP signalling at a stem cell niche synapse. Boekel, C.		E-05	Role of Brat/TRIM-NHL genes in brain tumor suppression. Hirth, F.		F-05	Coding the way forward in Drosophila larvae. Louis, M.
	18:30	D-06	The ISWI-containing NURF complex regulates the output of the canonical Wingless pathway. Song, H.		E-06	Phenotypic Recovery of Alzheimer's Disease Model by Quinone-Tryptophan Small Molecules. Segal, D.		F-06	Complex Neural and Metabolic Control of Enteric Physiology in Drosophila. Miguel-Aliana, I.
18:45	D-07	Regulatory inputs and regulatory modules operating in adult muscle precursor cells in Drosophila: a role for EGFR pathway. Jagla, C.		E-07	A Drosophila model identifies calpains as modulators of the human leukemogenic fusion protein AML1-ETO. Waltzer, L.		F-07	Distinct functions of larval photoreceptor subtypes in circadian clock entrainment and light avoidance. Sprecher, S.	

Friday, November 20, 2009

MORNING

Plenary Lectures Athena Room	08:30	Thomas LECUIT, Marseille		"From cell mechanic to tissue morphogenesis"			
	09:15	Ken IRVINE, Piscataway		" Growth control by the Fat-Hippo pathway in Drosophila"			
	10:00	COFFEE BREAK					
Concurrent sessions		ATHENA ROOM		HERMES ROOM		RHODES ROOM	
	Session	Pattern 1		Physiology		Cell Cycle	
	Chair	Benny Shilo		Ronald Kühnlein		Jordan Raff	
	10:45	G-01	Trafficking the EGFR ligand processing machinery in photoreceptor axons	H-01	Control of lipid droplet structure and body fat content by PERILIPINS	I-01	The unusual dynamic properties of Centrosomin can explain how centrosome size is set.
	11:15	G-02	The Long Range Hedgehog Gradient Is Formed in the Apical Extracellular Space by the Glypican Dally and the Hydrolase Notum.	H-02	Role of Drosophila CycD/Cdk4 complex in adult metabolism and gut homeostasis.	I-02	dRecQ4 Is Required for DNA Synthesis and Essential for Cell Proliferation in Drosophila.
	11:30	G-03	Increased cell bond tension governs cell sorting at the Drosophila anteroposterior compartment boundary.	H-03	Effects of dietary copper on ferritin iron storage.	I-03	Monitoring chromosome segregation.
	11:45	G-04	miR-9a prevents apoptosis during wing development by repressing Drosophila LIM-only.	H-04	Membrane sterols in Drosophila melanogaster: dispensable for cell and organism viability but required for growth and progression through development.	I-04	In vivo analysis of Survivin and Aurora-B function in the developing drosophila.
	12:00	G-05	EGF signaling and the origin of dorsal-ventral polarity in insects.	H-05	Cytokine/Jak/Stat signaling mediates regeneration and homeostasis in the Drosophila midgut.	I-05	Roles of LIM-domain protein Ajuba in Drosophila development.
	12:15	G-06	Facilitated transport of Dpp/BMP draws diversified wing vein patterns in insects.			I-06	Control of the endoreplication in Drosophila mechanosensory bristle cell lineage.
	12:30	LUNCH BREAK					

Friday, November 20, 2009

AFTERNOON

	14:30	POSTER SESSION 2							
	16:30	COFFEE BREAK							
Concurrent sessions		ATHENA ROOM			HERMES ROOM			RHODES ROOM	
	Session	Pattern 2			Cell Polarity Traffic			Neural Development	
	Chair	Eduardo Moreno			Yohanns Bellaiche			Iris Salecker / Eric Lai	
	17:00	G-07	Cell competition and multicellularity: the Maxwell's Demon code. Moreno, E.		J-01	Epithelial polarization Bellaiche, Y.		K-01	Regulation of Layer-specific targeting in the developing visual system of Drosophila. Salecker, I.
	17:30	G-08	Fj is an atypical kinase that regulates Ds/Ft heterodimerization. Repiso, A.		J-02	Drosophila Tubulin Binding Cofactor B (TBCB) binds to microtubules, regulates their dynamic and is essential for cell polarity. Benoit, B.		K-02	Orthodenticle and Kruppel homolog 1 function as part of a post mitotic cellular timer required for photoreceptor morphogenesis in the fly retina. Fichelson, P.
	17:45	G-09	Regulation of Delta signaling by Bearded family members. Chanet, S.		J-03	Polarity orientation memory in neuroblasts. Januschke, J.		K-03	The regulation of ciliogenesis: bridging the gap between proneural factors and neuronal differentiation. Jarman, A.
	18:00	G-10	Distinct function of actin and microtubule in nuclear ordering of syncytial embryo. Kanesaki, T.		J-04	Drosophila clathrin adaptor AP-1 complex regulates Notch dependent binary cell fate decisions. Le Borgne, R.		K-04	New functional insights into shot & actin-microtubule dynamics from a novel Drosophila growth cone model. Sanchez-Soriano, N.
	18:15	G-11	The Brakeless and Atrophin transcriptional co-repressors in early embryo patterning. Mannervik, M.		J-05	Crumbs is required to achieve proper organ size control during Drosophila head development. Richardson, E.		K-05	Earmuff maintains restricted potentials of transit amplifying cells in Drosophila. Lee, C.Y.
	18:30	G-12	Modular L/R patterning in D. melanogaster supports an incremental model of asymmetry evolution in Diptera. Suzanne, M.		J-06	Cell flow reorients the axis of Planar Cell Polarity in the Drosophila wing. Sagner, A.		K-06	Biogenesis and function of short regulatory RNAs in Drosophila Lai, E.
	18:45	G-13	Regulation of Transcriptional Elongation by Spt5 during Drosophila Development. Jennings, B.		J-07	Rho signalling during Drosophila cellularization is developmentally controlled by slam. Wenzl, C.			

Saturday, November 21, 2009

MORNING

Plenary Lectures Athena Room	08:30	Jules HOFFMANN , Strasbourg		"The Systemic Immune Defense of Drosophila"	
	09:15	Gilles LAURENT , Frankfurt		title not available	
	10:00	COFFEE BREAK			
Concurrent sessions		ATHENA ROOM		HERMES ROOM	
	Session	Organogenesis 2		Global Approaches / Resources	
	Chair	Claude Desplan		Ken White / Bassem Hassan	
	10:45	A-07	Color vision in flies	L-01	The Drosophila ENCODE project and recombineering tags into transcription factors.
					White, K.
	11:00			L-02	The Twin Spot Generator (TSG) : advances in genetic techniques for clonal analysis in Drosophila.
			Desplan, C.		Griffin, R.
	11:15	A-08	Lumen formation and cell elongation during tracheal terminal branch development.	L-03	Visualization of multiple protein interactions in living Drosophila embryos using multicolour fluorescence complementation assay.
			Gervais, L.		Hudry, B.
	11:30	A-09	Heterochromatin Protein 1 (HP1) and Without Children (Woc) are required for niche morphogenesis and proper germ line stem cell differentiation.	L-04	A new approach to induce tissue specific loss-of-function in Drosophila melanogaster.
		Maimon, I.		Lorensuhewa, N.	
11:45	A-10	Lipids controlling germ and heart cell biology.	L-05	Tools for systematic analysis of gene expression patterns.	
		Renault, A.		Tomancak, P.	
12:00	A-11	Polarisation of upd mRNA is essential for JAK/STAT activation during border cell migration.	L-06	Combinatorial transcription factor binding predicts spatio-temporal cis-regulatory activity.	
		Van de Bor, V.		Zinzen, R.	
12:15	A-12	Crumbs (Crb) maintains segmental patterning during Drosophila germ band retraction.	L-07	Tools for regulatory genomics in Drosophila	
		Vincent, S.		Hassan, B.	
		RHODES ROOM			
		Nuclear Architecture			
		François Karch			
	M-01	InSIRT (In Situ Integration for Repeated Targeting), to rapidly dissect the cis-regulatory domains of the bithorax complex in Drosophila.			
		Karch, F.			
	M-02	Neighbourhood continuity is not necessary for correct gene expression in Drosophila testis.			
		Meadows, L.			
	M-03	The histone H3.3 chaperone HIRA is involved in heterochromatin formation.			
		Orsi, G.			
	M-04	Histones to protamines: preparing sperm chromatin for fertilisation.			
		Rathke, C.			
	M-05	Crosstalks between the piRNA- and the siRNA-dependent repression of transposable elements in the somatic ovarian cells.			
		Pélisson, A.			
	N-06	The endogenous siRNA pathway is involved in heterochromatin formation in Drosophila.			
		Bougé, A-L.			
	12:30	LUNCH BREAK			

Saturday, November 21, 2009 AFTERNOON

		<i>ATHENA ROOM</i>		<i>HERMES ROOM</i>		<i>RHODES ROOM</i>
Concurrent sessions	Session	Signalling 2		Evolution Population Genetics		Cell Adhesion
	Chair	Jean-Paul Vincent		Siegfried Roth		Catherine Rabouille
	14:30	D-08 Activation of apoptosis in response to loss of cell polarity in the embryonic epidermis. <p align="right">Vincent, J.P.</p>		N-01 A conserved role of folded gastrulation and concertina during amnioproctodeum invagination in insects. <p align="right">Roth, S.</p>		O-01 dgrasp mRNA localisation in the Drosophila follicle cells during epithelium remodeling. <p align="right">Rabouille, C.</p>
	15:00	D-09 A component of the wnt signaling pathway in mammals is necessary for ciliated sensory function in Drosophila. <p align="right">Enjolas, C.</p>		N-02 Evolutionarily conserved juvenile hormone signaling controls both holometabolous and hemimetabolous insect metamorphosis. <p align="right">Jindra, M.</p>		O-02 Pulling to hold: mechanosensitivity of integrin-mediated muscle attachment. <p align="right">Wellmann, J.</p>
	15:15	D-10 A novel mode of action for the Notch pathway acts in the selection of the polar cell pair in Drosophila oogenesis. <p align="right">Grammont, M.</p>		N-03 Comparison of gene expression in Drosophila embryogenesis: evidence for the hourglass model of development. <p align="right">Kalinka, A.</p>		O-03 Analysis of in-vivo dynamics of integrin-mediated adhesion in fly muscles. <p align="right">Tanentzapf, G.</p>
	15:30	D-11 Vacuolar ATPase activity controls physiologic as well as pathologic Notch signaling activation in Drosophila. <p align="right">Vaccari, T.</p>		N-04 The origin and diversification of Drosophila sex combs. <p align="right">Kopp, A.</p>		O-04 Interaction between Drosophila bZIP proteins A3-3 and Jun prevents replacement of epithelial cells during metamorphosis. <p align="right">Uhlirova, M.</p>
	15:45	D-12 The nesthocker mutation reveals requirement of UDP-N-acetylglucosamine for FGF-signaling in Drosophila. <p align="right">Mariyappa, D.</p>		N-05 Nuclear pore protein 160 causes hybrid female sterility and hybrid inviability. <p align="right">Sawamura, K.</p>		O-05 Control of protrusive activity by FGF signaling during mesoderm spreading in gastrulation. <p align="right">Muller, A.</p>
	16:00	COFFEE BREAK				
Plenary Lectures Athena Room	16:30	Andrea BRAND , Cambridge		"Balancing self-renewal and differentiation: regulation of symmetric and asymmetric division in the nervous system"		
	17:15	Marc KRASNOW , Stanford		Title not available		
	16:00	End of the meeting				