

9TH DEVELOPMENTAL BIOLOGY COURSE: From Stem Cells to Morphogenesis

October 8-12, 2018



Monday, Oct. 8 th AMPHI BDD	Tuesday, Oct. 9 th AMPHI BDD	Wednesday, Oct. 10 th AMPHI BDD	Thursday, Oct. 11 th AMPHI BDD	Friday, Oct. 12 th AMPHI BDD
9.30 WELCOMING SESSION COFFEE	GERM CELLS Chair: C.THIBAUT	EPIGENETICS Chair: Y. BELLAICHE	CHICK Chair: C. THIBAUT	XENOPUS Chair: M. UMBHAUER
INAUGURAL SEMINAR Chair: Y.BELLAICHE 10:00 Paul TRAINOR (Stowers Institute, Kansas City, USA) "Neural Crest Cells: Evolution Development & Disease"	9 :30 Marie-Emilie Terret (Collège de France, Paris, FR) "Aberrant cortical tension generates aneuploidy in oocyte"	9.30 Rebecca Oakey (King's college, London,UK) "Epigenetic control of heart development"	9:30 Marie MANCEAU (Collège de France, Paris, FR) "Formation and evolution of color patterns"	9:30 Soeren LIENKAMP (University Hospital Freiburg, DE) "Embryonic renal development and disease"
LUNCH BREAK*	COFFEE	11.00: Student project presentation (R. Oakey's paper)	COFFEE	COFFEE
DROSOPHILA Chair: Y.BELLAICHE 13:30 Virginie ORGOGOZO (Institut Jacques Monod, Paris, FR) " Drosophila evolution "	MARINE ORGANISMS Chair: C.THIBAUT 11.30 Nicolas MINC (IJM, Paris, FR) "Division plane positioning in sea urchin embryos"	DROSOPHILA Chair: Y. BELLAICHE 11.45 Nic TAPON (MRC Biomedical center, London, UK) "Apoptosis and proliferation control in Drosophila"	11:30 Claudio STERN (University College, London, UK) "Gastrulation through a primitive streak: cellular mechanics & signals"	11.30 Muriel PERRON (Institute of Neurosciences, Paris Saclay, FR) "Stemcells and neurogenesis in the retina"
COFFEE	LUNCH BREAK* & COFFEE	LUNCH BREAK* & COFFEE	LUNCH BREAK* & COFFEE	LUNCH BREAK* & COFFEE 14.30: Student project presentation (M. Perron's paper)
15:30 Pierre LEOPOLD (Institut Valrose, Nice, FR) " Genetics and Physiology of growth in Drosophila"	14.30 Patrick LEMAIRE (CRBM, Montpellier, FR) "Exploring the Diversity of Tunicate Genomes & Developmental Programmes"	14.45 Mounia LAGHA (IGMM, Montpelleir, FR) « Transcription and development»	14.30 Claudio STERN (University College, London, UK) "Building a brain: a molecular dissection of neural induction"	15.00 Roberto MAYOR (UCL, London, UK) "Neural crest migration"
17.00: Student project presentation (P. Léopold's paper)	16.00: Student project presentation (P. Lemaire's paper)			16.30: Student project presentation (R. Mayor's paper)
17.30 ELEVATOR SPEECH	17.30 ELEVATOR SPEECH			

Monday, Oct. 15 th AMPHI BDD	Tuesday, Oct. 16 th AMPHI BDD	Wednesday, Oct. 17 th AMPHI BDD	Thursday, Oct. 18 th AMPHI BDD	Friday, Oct. 19 th AMPHI BDD
ZEBRAFISH	WORMS	MOUSE	STEM CELLS	STEM CELLS
Chair: JL. MAITRE 9.30 Nicolas David (Ecole Polytechnique, Paris, FR) "Cell migration during zebrafish gastrulation "	Chair: A. BARDIN 9.30 Jochen RINK (Max Planck Institute, Dresden, DE) "Planarian regeneration"	Chair : JL. MAITRE 9.30 Jean-Léon MAITRE (Institut Curie, Paris, FR) "Mechanics of blastocyst morphogenesis"	Chair: M. UMBHAUER 9.30 Silvia FRE (Institut Curie, Paris, FR) "Notch signalling in stem cells and tumors" 11.00: Student project presentation (S. Fre's paper)	Chair: A. BARDIN 9.30 Emma RAWLINS (Gurdon Institute, Cambridge, UK) "Stem and progenitor cells in the mammalian lung"
COFFEE	COFFEE	COFFEE	COFFEE	COFFEE
11:30 Caren NORDEN (Max Planck Institute, Dresdes, DE) "From pseudostratified neuroepithelium to complex neuronal tissue"	11 :30 Michel LABOUESSE (UMR 7622, IBPS, UPMC, Paris, FR) "Signalling through mechanical input: a coordinated process"	11.30 Malcom LOGAN (King's College, London, UK) "Understanding the mechanisms that regulate vertebrate limb development"	11.45 Anna KICHEVA (IST, Vienna, Austria) "Tissue growth and developmental pattern formation"	11:45 Clare BLACKBURN (Center for regenerative medicine, Edinburgh, UK) "Thymus generation and regeneration"
LUNCH BREAK* & COFFEE	LUNCH BREAK* & COFFEE	LUNCH BREAK* & COFFEE	LUNCH BREAK* & COFFEE	LUNCH BREAK* & COFFEE
STEM CELLS	PLANTS	STEM CELLS		
Chair: JL. MAITRE 14.30: Student project presentation (C. Norden's paper) 15:00 Shahrugim TAJBAKSH (Institut Pasteur, Paris, FR) "Regulators of embryonic and adult skeletal muscle stem/progenitors cells"	Chair: A. BARDIN 14.30 Alexis Maizel (COS, Heidelberg, DE) "Developmental plasticity in plants" 16.00: Student project presentation (A. Maizel's paper)	Chair : JL. MAITRE 14.30 Mina GOUTI (Max Delbrück Center for Molecular Medicine, Berlin, DE) "Stem cell modelling and disease" 16.00: Student project presentation (M. Gouti's paper)	14:45 Anna BIGAS (IMIM, Barcelona, SP) "Hematopoietic stem cells and cancer" 16.15: Student project presentation (A. Bigas's paper)	14.45 Kevin CHALUT (Cambridge stem cell Institute, UK) "The physical biology of pluripotency and differentiation"
			COCKTAIL	CLOSING SEMINAR 16:15 Edith HEARD (Institut Curie, Paris, FR) "Mammalian developmental epigenetics"

*lunch is not provided by the course