

5TH DEVELOPMENTAL BIOLOGY COURSE: From Stem Cells To Morphogenesis

Monday, Oct. 13 th AMPHI BDD	Tuesday, Oct. 14 th AMPHI BDD	Wednesday, Oct. 15 th AMPHI BDD	Thursday, Oct. 16 th AMPHI BDD	Friday, Oct. 17 th AMPHI BDD
9.30 WELCOMING SESSION	9.30 PLANTS	9.30 DROSOPHILA	8.45 DROSOPHILA	9.30 XENOPUS
COFFEE	Chair: Y. BELLAÏCHE Teva VERNOUX (ENS, Lyon, FR) "Emergence of a periodic organogenesis in plants"	Chair: J.R. HUYNH Jean-Paul VINCENT (MRC, London, UK) "Control of patterning and growth by short and long range signalling"	Chair: J.R. HUYNH Michel LABOUESSE (IGBMC, Strasbourg, FR) "Signalling Through Mechanical Input: a Coordinated Process"	Chair: M. UMBHAUER Karine MASSE (Université de Bordeaux, FR) "Insights into novel pathways regulating vertebrate development"
10.00 INAUGURAL SEMINAR	COFFEE	COFFEE	COFFEE	COFFEE
Chair: J.R. HUYNH Jean-Claude DUPONT (Université de Picardie, Amiens, FR) "History of concepts in developmental biology"	11.30 DROSOPHILA	11.30	11.00 WORMS	11.30
BREAK	Benjamin PRUD'HOMME (IBDM, Marseille, FR) "Evolution & Development of Morphogenesis in Drosophila"	Jean-René HUYNH (Institut Curie, Paris, FR) "Germ Cell Development"	Chair: M. UMBHAUER Anne EPHRUSSI (EMBL, Heidelberg, DE) "RNA Localization & Regulation in Development"	Roberto MAYOR (University College, London, UK) "Collective Cell Migration. The Case of the Neural Crest"
13.30 EVOLUTION	BREAK	BREAK	BREAK	BREAK
Chair: M. UMBHAUER Paul TRAINOR (Stowers Institute, Kansas City, USA) "Neural Crest Cells: Evolution Development & Disease"	COFFEE	COFFEE	COFFEE	COFFEE
COFFEE	14.30	14.30 CHICK	14.30	14.30
15.30 MARINE ORGANISMS	Pierre LEOPOLD (Université de Nice, FR) "The Genetics & Physiology of Growth in Drosophila"	Chair: C. THIBAUT Olivier POURQUIÉ (IGBMC, Strasbourg, FR) "Developmental Patterning of the Vertebrate Embryonic Axis"	Alejandro SANCHEZ-ALVARADO (Stowers Institute, USA) "Planarian Regeneration"	Martin BLUM (University of Hohenheim, DE) "Evolution and development of the left-right axis in the frog <i>Xenopus</i> "
Evelyn HOULISTON (CRBM, Montpellier, FR) "Making similar embryos with divergent genomes: extreme developmental systems drift among tunicates"				
17.00 PHD POSTER PRESENTATIONS				
Annexes BDD 3&4				

Monday, Oct. 20 th AMPHI BDD	Tuesday, Oct. 21 st AMPHI BDD	Wednesday, Oct. 22 nd AMPHI BDD	Thursday, Oct. 23 rd AMPHI BDD	Friday, Oct. 24 th AMPHI BDD
9.30 ZEBRAFISH	9.30 EARLY DEVELOPMENT IN MOUSE	9.30	9.30 STEM CELLS	9.30 STEM CELLS
Chair: A. SHKUMATAVA Francesca PERI (EMBL, Heidelberg, DE) "Microglia: the Guardians of the Developing Brain"	Chair: C. THIBAUT Katja WASSMANN (UMR 7622, IBPS, UPMC, Paris, FR) "Control of Chromosome Segregation in Mouse Oocytes"	Yohanns BELLAÏCHE (Institut Curie, Paris, FR) "Epithelial Morphogenesis"	Chairs: A. BARDIN & C. THIBAUT Lukas SOMMER (University of Zurich, CH) "Probing Stemness in Neural Crest Cells in vivo"	Chair: A. BARDIN Dominique BONNET (London research Institute, UK) "Heterogeneity of human haematopoietic stem cell compartment"
COFFEE	COFFEE	COFFEE	COFFEE	COFFEE
11.30	11.30 INDUCTIONS DURING EARLY DEVELOPMENT	11.30	11.30	11.30
Simon HUGHES (King's college, London, UK) "Translational and transcriptional control of muscle growth and repair"	Claudio STERN (University College, London, UK) "Gastrulation Through a Primitive Streak: Cellular Mechanics & Signals"	Cliff TABIN (Harvard University, Boston, USA) "Physical forces and gut morphogenesis"	Fiona WATT (King's college, London, UK) "Stem Cells of Mammalian Epidermis"	Delphine DUPREZ (UMR 7622, IBPS, UPMC, Paris, FR) "Tendon Development & Use of Mesenchymal Stem Cells for Tendon"
BREAK	BREAK	BREAK	BREAK	BREAK
COFFEE	COFFEE	COFFEE	COFFEE	COFFEE
14.30	14.30	14.30	14.30	14.30
Alena SHKUMATAVA (Institut Curie, Paris, FR) "Long Intervening Non Coding RNAs in Vertebrate Development"	Claudio STERN (University College, London, UK) "Building a Brain: a Molecular Dissection of Neural Induction"	Thierry JAFFREDO (UMR 7622, IBPS, UPMC, Paris, FR) "Endothelial-to- hematopoietic transition during development and beyond"	Andrea BRAND (Cambridge, UK) "Nervous System Development: From Stem Cells to Synapses"	Bruce EDGAR (University of Heidelberg, DE) "Control of Cell Cycle & Cell Growth in Drosophila"
			COCKTAIL	