

# 5<sup>TH</sup> DEVELOPMENTAL BIOLOGY COURSE: From Stem Cells To Morphogenesis

Monday, Oct. 13 <sup>th</sup> AMPHI BDD	Tuesday, Oct. 14 <sup>th</sup> AMPHI BDD	Wednesday, Oct. 15 <sup>th</sup> AMPHI BDD	Thursday, Oct. 16 <sup>th</sup> AMPHI BDD	Friday, Oct. 17 <sup>th</sup> AMPHI BDD
9.30 WELCOMING SESSION	9.30 PLANTS	9.30 DROSOPHILA	9.30 DROSOPHILA	9.30 XENOPUS
<b>COFFEE</b>	Chair: Y. BELLAÏCHE <b>Teva VERNOUX</b> (ENS, Lyon, FR) "From Genes to Shape at the Shoot Meristem"	Chair: J.R. HUYNH <b>Jean-Paul VINCENT</b> (MRC, London, UK) "Patterning & Homeostasis in Developing Epithelia"	Chair: <b>Anne EPHRUSSI</b> (EMBL, Heidelberg, DE) "RNA Localization & Regulation in Development"	Chair: M. UMBHAUER <b>Karine MASSE</b> (Université de Bordeaux, FR) "Insights into novel pathways regulating vertebrate development"
10.00 INAUGURAL SEMINAR	<b>COFFEE</b>	<b>COFFEE</b>	<b>COFFEE</b>	<b>COFFEE</b>
Chair: J.R. HUYNH <b>Jean-Claude DUPONT</b> (Université de Picardie, Amiens, FR)				
<b>BREAK</b>	11.30 DROSOPHILA	11.30	11.30 WORMS	11.30
13.30 EVOLUTION	Chair: Y. BELLAÏCHE <b>Benjamin PRUD'HOMME</b> (IBDM, Marseille, FR) "Evolution & Development of Morphogenesis in Drosophila"	<b>Jean-René HUYNH</b> (Institut Curie, Paris, FR) "Germ Cell Development"	Chair: M. UMBHAUER <b>Michel LABOUESSE</b> (IGBMC, Strasbourg, FR) "Signalling Through Mechanical Input: a Coordinated Process"	<b>Roberto MAYOR</b> (University College, London, UK) "Collective Cell Migration. The Case of the Neural Crest"
Chair: M. UMBHAUER <b>Paul TRAINOR</b> (Stowers Institute, Kansas City, USA) "Neural Crest Cells: Evolution Development & Disease"	<b>BREAK</b>	<b>BREAK</b>	<b>BREAK</b>	<b>BREAK</b>
<b>COFFEE</b>	<b>COFFEE</b>	<b>COFFEE</b>	<b>COFFEE</b>	<b>COFFEE</b>
15.30 MARINE ORGANISMS	14.30	14.30	14.30	14.30
<b>Patrick LEMAIRE</b> (CRBM, Montpellier, FR) "Making similar embryos with divergent genomes: extreme developmental systems drift among tunicates."	<b>Pierre LEOPOLD</b> (Université de Nice, FR) "The Genetics & Physiology of Growth in Drosophila"	<b>Yohanns BELLAÏCHE</b> (Institut Curie, Paris, FR) "Epithelial Morphogenesis"	<b>Alejandro SANCHEZ-ALVARADO</b> (Stowers Institute, USA) "Planarian Regeneration"	<b>Martin BLUM</b> (University of Hohenheim, DE)
17.00 PHD POSTER PRESENTATIONS				
Annexes BDD 3&4				

Monday, Oct. 20 <sup>th</sup> AMPHI BDD	Tuesday, Oct. 21 <sup>st</sup> AMPHI BDD	Wednesday, Oct. 22 <sup>nd</sup> AMPHI BDD	Thursday, Oct.23 <sup>rd</sup> AMPHI BDD	Friday, Oct. 24 <sup>th</sup> AMPHI BDD
9.30 ZEBRAFISH Chair: C. THIBAULT  <b>Francesca PERI</b> (EMBL, Heidelberg, DE) <b>"Microglia: the Guardians of the Developing Brain"</b>  COFFEE	9.30 EARLY DEVELOPMENT IN MOUSE Chair: C. THIBAULT <b>Katja WASSMANN</b> (UMR 7622, IBPS, UPMC, Paris, FR) <b>"Control of Chromosome Segregation in Mouse Oocytes"</b>  COFFEE	9.30 CHICK Chair: C. THIBAULT  <b>Olivier POURQUIÉ</b> (IGBMC, Strasbourg, FR) <b>"Developmental Patterning of the Vertebrate Embryonic Axis"</b>  COFFEE	9.30 STEM CELLS Chairs: A. BARDIN & C. THIBAULT  <b>Lukas SOMMER</b> (University of Zurich, CH)  COFFEE	9.30 STEM CELLS Chairs: A. BARDIN  <b>Dominique BONNET</b> (London research Institute, UK) <b>"Heterogeneity of human haematopoietic stem cell compartment"</b>  COFFEE
11.30  <b>Simon HUGHES</b> (King's college, London, UK) <b>"Muscle Growth &amp; Repair"</b>  BREAK COFFEE	11.30 INDUCTIONS DURING EARLY DEVELOPMENT Chair: <b>Claudio STERN</b> (University College, London, UK) <b>"Gastrulation Through a Primitive Streak: Cellular Mechanics &amp; Signals"</b>  BREAK COFFEE	11.30  <b>Cliff TABIN</b> (Harvard University, Boston, USA)  BREAK COFFEE	11.30  <b>Fiona WATT</b> (King's college, London, UK)  BREAK COFFEE	11.30  <b>Delphine DUPREZ</b> (UMR 7622, IBPS, UPMC, Paris, FR) <b>"Tendon Development &amp; Use of Mesenchymal Stem Cells for Tendon"</b>  BREAK COFFEE
14.30 Chair: A. SHKUMATAVA <b>Alena SHKUMATAVA</b> (Institut Curie, Paris, FR) <b>"Long Intervening Non Coding RNAs in Vertebrate Development"</b>	14.30  <b>Claudio STERN</b> (University College, London, UK) <b>"Building a Brain: a Molecular Dissection of Neural Induction"</b>	14.30  <b>Thierry JAFFREDO</b> (UMR 7622, IBPS, UPMC, Paris, FR)	14.30  <b>Andrea BRAND</b> (Cambridge, UK) <b>"Nervous System Development: From Stem Cells to Synapses"</b>  COCKTAIL	14.30  <b>Bruce EDGAR</b> (University of Heidelberg, DE) <b>"Control of Cell Cycle &amp; Cell Growth in Drosophila"</b>