

10TH DEVELOPMENTAL BIOLOGY COURSE: From Stem Cells to Morphogenesis

October 7-11, 2019

Monday, Oct. 7 th AMPHI BDD	Tuesday, Oct. 8 th AMPHI BDD	Wednesday, Oct. 9 th AMPHI BDD	Thursday, Oct. 10 th AMPHI BDD	Friday, Oct. 11 th AMPHI BDD
9.30 WELCOMING SESSION	GERM CELLS AND SEX DETERMINATION	GROWTH REGULATION	DEVELOPMENT OF THE NERVOUS SYSTEM	CELL MECHANICS DURING DEVELOPMENT
Registration & COFFEE	Chair: M. UMBHAUER	Chair: Y. BELLAICHE	Chair: C. THIBAUT	Chair: J.L. MAITRE
INAUGURAL SEMINAR	9:30 Marie-Emilie TERRET (Collège de France, Paris, FR) "Control of gene expression by nucleus centration in mouse oocytes"	9.30 Pierre LEOPOLD (Institut Curie, Paris, FR) " Genetics and Physiology of growth"	9:30 Marie-Laure BAUDET (University of Trento, IT) " Micro-RNAs and axonal growth"	9:30 Michel LABOUESSE (IBPS, Paris, FR) " Coordinating the morphogenesis of two tissues through forces"
Chair: J.L. MAITRE	10.30: student project presentation	10.30: student project presentation	COFFEE	10.30: student project presentation
10:00 Alfonso MARTINEZ-ARIAS (University of Cambridge, UK) " Probing the self engineering of mammalian embryos "	COFFEE	COFFEE	10.45 Claudio STERN (University College, London, UK) "Building a brain: a molecular dissection of neural induction"	COFFEE
LUNCH SPEAKERS	11:15 BRUNO HUDRY (IBV, Nice, FR) "A deeper take on our sexual nature: Importance of cellular sex and underlying mechanisms"	11.15 Nic TAPON (MRC Biomedical center, London, UK) " Tissue size control and cancer models in Drosophila"	11.45: student project presentation	11.15 Kevin CHALUT (Cambridge stem cell Institute, UK) "The physical biology of pluripotency and differentiation"
GASTRULATION	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
Chair: C. THIBAUT	CELL POLARITY AND DIVISION	13.30 Jan TRAAS (ENS, Lyon,FR) "From Genes to Shape at the Shoot Meristem"	13.30 Roberto MAYOR (UCL, London, UK) "Neural crest migration"	REGULATION OF TRANSCRIPTION
13:30 Jérôme GROS (Institut Pasteur, Paris, FR) "Tissue flows during gastrulation in amniote embryo"	Chair: M. UMBHAUER	COFFEE	14.30: student project presentation	Chair: M. UMBHAUER
14.30: student project presentation	13.30 Nicolas MINC (IJM, Paris, FR) " Division Plane Positioning"	15:00 Lazaro CENTANIN (COS, Heidelberg, DE) " Post-embryonic stem cells"	COFFEE	13.30 Yad GHAVI-HELM (IGFL, Lyon, FR) "Developmental epigenomics"
COFFEE	14.30: student project presentation	16.15: student project presentation	15:15 Pauline Speder (Institut Pasteur, Paris ,FR) " Brain plasticity and environment"	
15:30 Carl-Phillipp HEISENBERG (IST, Austria) " Zebrafish gastrulation "	COFFEE			
16.45 ELEVATOR SPEECH	15.15 Nathan GOEHRING (Francis Crick Institute, London, UK) "Polarity networks"			
	16.30 ELEVATOR SPEECH			

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October 14-16, 2019

Monday, Oct. 14 th AMPHI BDD	Tuesday, Oct. 15 th AMPHI BDD	Wednesday, Oct. 16 th AMPHI BDD
STEM CELLS AND ORGANOGENESIS	STEM CELLS AND ORGANOGENESIS	REGENERATION
Chair: A. BARDIN	Chair: A. BARDIN	Chair: Y. BELLAICHE
9.30 Silvia FRE (Institut Curie, Paris, FR) "Lineage restriction and plasticity of mammary stem cells"	9.30 Allison BARDIN (Institut Curie, Paris, FR) "Stem cells and tissue homeostasis"	9.30 Enrique AMAYA (University of Manchester, UK) "Tissue formation, repair and regeneration"
10.30: student project presentation	10.30: student project presentation	COFFEE
COFFEE	COFFEE	10.45 Aziz ABOOBAKER (Oxford University, UK) "Planarian regeneration"
11.15 Bon Kyong KOO (IMBA, Vienna, Austria) "Tracing the effect of oncogenic signals on adult stem cell behavior "	11.15 Alexandre BAFFET (Institut Curie, Paris, FR) "TBA"	LUNCH BREAK
LUNCH BREAK	LUNCH BREAK	EVO-DEVO EVO-DEVO
13:30 Anne GRAPIN-BOTTON (Max Planck Institute, Dresden, DE) " Endoderm and pancreas development"	Chair: JL. MAITRE	Chair: C. THIBAUT
COFFEE	13.30 Miki EBISUYA (EMBL, Barcelona, Spain) "Synthetic developmental biology: gene circuit and organoid zoo"	13.30 Marie MANCEAU (Collège de France, Paris, FR) "Formation and evolution of color patterns"
15:00 Thierry JAFFREDO (IBPS, Paris, FR) "Hematopoietic stem and progenitor cells development"	COFFEE	COFFEE
16.00: student project presentation	15.00 Laurent DAVID (CRTI, Nantes, FR) "Regulation of pluripotency during pre-implantation development"	15.00 Patrick LEMAIRE (CRBM, Montpellier, FR) "Exploring the Diversity of Tunicate Genomes & Developmental Programmes"
	16.00: student project presentation	16.00: student project presentation
		COCKTAIL