

Monday, Oct. 21 st	Tuesday, Oct. 22 th	Wednesday, Oct. 23 rd	Thursday, Oct. 24 th	Friday, Oct. 25 th
9.00 WELCOME SESSION Chair: C. CARRON-HOMO	STEM CELLS Chair: A. BARDIN	MODELLING DEVELOPMENT Chair: J-L. MAITRE	CHROMATIN REGULATION AND EPIGENETIC Chair: C. CARRON-HOMO	TBA Chair: J-L. MAITRE
9.00 Welcome Desk 9.25 Introduction of course 9.35 Introduction of Participants	9.30 Maximina YUN , Center for Regenerative therapies, Dresden, DE "Salamander insights into regeneration and negligible senescence"	9.30 Jesse VEENLIET MPI-CBG, Dresden, DE "Creating to understand – leveraging stem-cell-based models to elucidate embryo design principles"	9.30 Claire ROUGEULLE Université Paris-Cité, Paris - FR "Regulating X chromosome activity in early human development"	9.30 Omayra DUDIN EPFL, Lausanne, CH "Exploring multicellular developmental diversity at the root of animals"
INAUGURAL SEMINAR: Keynote Speaker: Chair: A. BARDIN	10.30 Coffee Break	10.30 Coffee Break	10.30 Coffee Break	10.30 Coffee Break
10.30 Fiona DOETSCH University of Basel, CH "Regulation and Diversity of Adult Neural Stem Cells"	11.00 Julia CORDERO University of Glasgow, UK "Interorgan signaling during intestinal regeneration"	11.00 Phong NGUYEN Institut Curie, Paris, FR "Using the embryonic heart to model heart regeneration"	11.00 Nathalie BEAUJEAN INRAE LYON - FR "Unveiling the Molecular Drivers of Naïve Pluripotency and Embryonic Colonization Competence in Rabbit Pluripotent Stem Cells"	11.00 Wolfgang KEIL Institut Curie, Paris, FR "Quantitative approaches to understand temporal stem cell patterning during C. elegans post-embryonic development"
12.00 Welcome Lunch Buffet (Green Café)	12.00 Break	12.00 Journal Club 01	12.00 Journal Club 03	12.00 Break
STEM CELLS Chair: A. BARDIN	REGENERATION Chair: M. UMBHAUER	TBA	TBA	ORGANOGENESIS Chair: M. UMBHAUER
13.30 Sally LOWELL University of Edinburgh, UK "Keeping up with the neighbours: new approaches for studying local coordination of cell fate decisions"	13.30 Eve GAZAVE IJM, Paris, FR "Regeneration in animals : Insights from the annelid Platynereis dumerilii"	13.30 Marie BREAU IBPS, Paris - FR "Mechanical interactions between tissues during neuronal morphogenesis"	13.30 Sonia GAREL Institut Curie, Paris, FR "Microglia in the choreography of cerebral development"	13.30 Ludovic VALLIER Max Planck Institute - DE " Modeling human liver development to understand adult disease "
14.30 Coffee Break	14.30 Coffee Break	14.30 Journal Club 02	14.30 Coffee Break	14.30 Journal Club 05
15.00 Jan LOHMANN Heidelberg University, DE "From stem cells to morphogenesis - a plant perspective"	15.00 Pedro HERNANDEZ Institut Curie, Paris, FR "A new zebrafish model of gut regeneration after complete organ transection: exploring the role of microbiota-cytokine interactions"	15.00 Coffee Break	OOGENESIS	15.00 Coffee Break
		15.30 Andrew OATES EPFL, Lausanne, CH "On clocks and timers in development"	15.00 Marie Emilie TERRET Collège de France, Paris, FR "Oocyte mechanics and morphogenesis"	15.20 Sigolène MEILHAC Institut Imagine, Paris, FR "Formation and malformation of the heart"
		16.00 Journal Club 04	16.00 Journal Club 04	

Monday, Oct. 28 th AMPHI BDD	Tuesday, Oct. 29 th AMPHI BDD	Wednesday, Oct. 30 th AMPHI BDD
MORPHOGENESIS Chair: C. CARRON-HOMO	MORPHOGENESIS Chair: Y. BELLAICHE	EVOLUTION OF MORPHOGENESIS Chair: Y. BELLAICHE
10.30 Alain CHEDOTAL Institut de la Vision, Paris, FR " Tridimensional analysis of human embryogenesis"	9.30 Pavel TOMANCAK Max Planck Institute - DE "rEvolution of Morphogenesis"	9.30 François LEULIER Institut de génomique fonctionnelle de Lyon (IGFL) - FR "Microbial influence on developmental growth"
11.30 Journal Club 06	11.00 Stéphane NOSELLI Institut de Biologie de Valrose, Nice, FR "Development and Morphogenesis of Chiral Structures in Body and Brain: Lessons from Drosophila"	10.30 Journal Club 08
12.00 Break Chair: J-L. MAITRE	11.00 Coffee Break	11.00 Coffee Break
13.30 Diana PINHEIRO Research Institute of Molecular Pathology, Vienna - AU " From morphogen signaling dynamics to complex mechanical outputs"	12.00 Lunch Break (Green Café) Chair: M. UMBHAUER	SEX DETERMINATION
14.30 Coffee Break	13.30 Steffen LEMKE University of Heidelberg, DE "TBA"	11.00 Bruno HUDRY Institut de Biologie de Valrose, Nice, FR " Cellular sex and physiology"
15.00 Olivier HAMANT ENS LYON - FR "Mechanical signals for developmental robustness in plants"	14.30 Coffee Break	12.30 Lunch Break (Green Café)
	15.00 Nicolas MINC Institut Jacques Monod, Paris – FR "How Large Cells Do It? Spindle Positioning and Cytoplasm Mechanics in Early Embryos "	METABOLISM Chair: J-L. MAITRE
	16.00 Journal Club 07	13.30 Clotilde CADART Institut Cochin, Paris, FR "From ploidy to whole-embryo metabolic rate"
		14.30 Coffee Break
		15.00 Nadine VASTENHOUE University of Lausanne - CH "The spark of life, or how transcription begins in embryos"