

Monday, Oct. 16 <sup>th</sup>	Tuesday, Oct. 17 <sup>th</sup>	Wednesday, Oct. 18 <sup>th</sup>	Thursday, Oct. 19 <sup>th</sup>	Friday, Oct. 20 <sup>th</sup>
<b>WELCOME SESSION</b>	<b>STEM CELLS &amp; REGENERATION</b>	<b>MORPHOGENESIS</b>	<b>ECO-EVO-DEVO 1</b>	<b>ECO-EVO-DEVO 2</b>
Chair: C. CARRON-HOMO <b>9.30 Welcome Desk</b>	Chair: A. BARDIN <b>9.30 Jan LOHMANN</b> Heidelberg University, DE "Multilayer control of plant stem cell behavior"	Chair: J-L. MAÎTRE <b>9.30 Caren NORDEN</b> Gulbenkian Science, Oeiras, PT "How to build a retina? The roles of the many nuclei"	Chair: A. BARDIN <b>9.30 Virginie COURTIER-ORGOGOZO</b> CNRS – Institut Jacques Monod – Université Paris Cité, Paris, FR "Thinking differently about living beings "	Chair: C. CARRON-HOMO <b>9.30 Claudia GERRI</b> Max Planck Institut of Molecular Cell Biology and Genetics, Dresden, DE "The fetal-maternal interface across species"
<b>9.45 Introduction of course</b> <b>9.55 Introduction of Participants</b>	<b>10.30 Coffee Break</b>	<b>10.30 Coffee Break</b>	<b>10.30 Coffee Break</b>	<b>10.30 Coffee Break</b>
<b>INAUGURAL SEMINAR:</b> Keynote Speaker: Chair: C. CARRON-HOMO	<b>11.00 Alejo RODRIGUEZ-FRATICELLO</b> Institute for Research in Biomedicine, Barcelona, ES "Clonal determinants of stem cell heterogeneity "	<b>11.00 Diana PINHEIRO</b> Research Institute of Molecular Pathology, Vienna, AT "Making and shaping an embryo: linking signaling, patterning and morphogenesis across scales"	<b>10.30 Coffee Break</b>	<b>10.30 Coffee Break</b>
<b>11.00 James BRISCOE</b> The Francis Crick Institute, London, UK "The Dynamics of Spinal Cord Development"	<b>12.00 Lunch Break</b>	<b>12.00 Journal Club 2</b>	<b>11.00 Melissa HARRISON</b> University of Wisconsin-Madison, Madison, WI USA "Pioneering the developmental frontier"	<b>11.00 Marie MANCEAU (online)</b> Collège de France, Paris, FR "Formation and Evolution of Skin Patterns "
<b>12.00 Welcome Lunch Buffet</b>	<b>12.00 Lunch Break</b>	<b>12.30 Lunch Break</b>	<b>12.00 Break</b>	<b>12.00 Break</b>
<b>CELL DIVISION</b>	Chair: C. CARRON-HOMO	<b>CELLULAR &amp; MOLECULAR PROCESS</b>	<b>NEURODEVELOPMENT</b>	<b>13.30 Marie DELATTRE</b> CNRS, Ecole Normale Supérieure de Lyon, LBMC, FR "Programmed-DNA elimination in Nematodes"
Chair: A. BARDIN	<b>13.30 Charles DURAND</b> Sorbonne Université IBPS CNRS UMR7622, Paris, FR "The hematopoietic stem cell niche: a developmental and systems biology perspective"	Chair: Y. BELLAÏCHE	Chair: M. UMBHAUER	<b>14.30 Journal Club 3</b>
<b>13.30 Julia CORDERO</b> University of Glasgow, UK "Reciprocal gut/body interactions in health and disease"	<b>14.30 Journal Club 1</b>	<b>13.30 David STRUTT</b> University of Sheffield, UK "Mechanisms of self-assembly and self-organisation in planar polarity establishment in Drosophila"	<b>13.30 Silvia FRE</b> Institut Curie, Paris, FR "Cell fate specification and plasticity of mammary stem cells"	<b>15.00 Coffee Break</b>
<b>14.30 BREAK</b>	<b>15.00 Break</b>	<b>14.30 Break</b>	<b>14.30 Coffee Break</b>	<b>15.20 Alain CHEDOTAL</b> Institut de la Vision, Paris, FR "Tridimensional analysis of human embryogenesis"
<b>15.00 Kim Bak JENSEN</b> Novo Nordisk Foundation Center for Stem Cells, DanStem, Copenhagen, DK "Guiding Intestinal Stem Cell Fate"	<b>15.20 Eike OBER</b> University of Copenhagen, DK "Building a Liver: Cellular Mechanisms Establishing Organ Architecture and Size"	<b>15.00 Jakob SEDZINSKI</b> U. of Copenhagen, NNF Center for Stem Cell Medicine, reNEW, Copenhagen, DK "How to fit in? Mechanics of cell integration in vivo"	<b>15.00 Rejane RUA</b> CIML, Aix-Marseille University, Marseille, FR "Brain borders take center stage: role of meningeal macrophage in neuroinflammation and neurocognition"	

Monday, Oct. 23 <sup>h</sup> AMPHI BDD	Tuesday, Oct. 24 <sup>th</sup> AMPHI BDD	Wednesday, Oct. 25 <sup>th</sup> AMPHI BDD
<p><b>REGENERATION</b> Chair: J-L. MAÎTRE</p> <p><b>9.30 Nathalie BEAUJEAN</b> Stem Cell &amp; Brain Research Institute, Lyon, FR</p> <p>"Epigenetic modifications supporting naïve pluripotency in rabbit stem cells"</p> <p><b>10.30 Journal Club 4</b></p> <p><b>11.00 Coffee Break</b></p> <p><b>11.30 Alessandro de SIMONE</b> University of Geneva, Departement of Genetics and Evolution, CH</p> <p>"How does a regenerating scale reach its final size and shape?"</p> <p><b>12.30 Lunch Break</b></p>	<p><b>EARLY DEVELOPMENT</b> Chair: C. CARRON-HOMO</p> <p><b>9.30 Marie-Hélène VERLHAC</b> Collège de France, Paris, FR</p> <p>"Cytoplasmic forces organize the oocyte nucleus across scales"</p> <p><b>11.00 Coffee Break</b></p> <p><b>11.00 Martin BLUM</b> University of Hohenheim, Institute of Zoology, Stuttgart, DE</p> <p>"Evolution of (a)symmetry"</p> <p><b>12.00 Journal Club 5</b></p> <p><b>12.30 Lunch Break</b></p> <p><b>13.30 Xavier MORIN</b> IBENS, Paris, FR</p> <p>"TBA"</p> <p><b>14.30 Break</b></p>	<p><b>MORPHOGENESIS 2</b> Chair: J-L. MAÎTRE</p> <p><b>9.30 Steffen LEMKE</b> (University of Heidelberg, DE)</p> <p>"TBA"</p> <p><b>11.00 Coffee Break</b></p> <p><b>11.00 Elias BARRIGA</b> Cluster of Excellence Physics of Life, TUD, Dresden, DE</p> <p>"Biophysical Synchronisation of Collective Cell Behaviours"</p> <p><b>12.00 Journal Club 6</b></p> <p><b>12.30 Lunch Break</b></p>
<p><b>EPIGENETIC</b> Chair: M. UMBHAUER</p> <p><b>13.30 Giacomo CAVALLI</b> (IGH, CNRS, University of Montpellier, FR)</p> <p>"TBA"</p> <p><b>15.00 BREAK</b></p> <p><b>15.00 Rita MATEUS</b> MPI-CBG and POL, TU-Dresden, Dresden, DE</p> <p>"Growth control across scales"</p>	<p><b>EMBRIO IN A DISH ?</b> Chair: Y. BELLAÏCHE</p> <p><b>15.00 Ina SONNEN</b> Hubrecht Institute, Utrecht, NL</p> <p>"TBA"</p>	<p><b>ECO-EVO-DEVO 3</b> Chair: M. UMBHAUER</p> <p><b>13.30 Aissam IKMI</b> EMBL, Heidelberg, DE</p> <p>"Design principles of early animals: insights from Cnidaria"</p> <p><b>14.30 BREAK</b></p> <p><b>15.00 Sigolène MEILHAC</b> Institut Pasteur &amp; Institut Imagine, Paris, FR</p> <p>"Formation and malformation of the heart"</p>