

Monday, Oct. 17 <sup>th</sup>	Tuesday, Oct. 18 <sup>th</sup>	Wednesday, Oct. 19 <sup>th</sup>	Thursday, Oct. 20 <sup>th</sup>	Friday, Oct. 21 <sup>th</sup>
<b>WELCOME SESSION</b>	<b>MORPHOGENESIS</b>	<b>MECHANICS DURING DEVELOPMENT</b>	<b>DEVELOPMENT OF THE NERVOUS SYSTEM</b>	<b>ORGANOGENESIS</b>
<b>Chair: C. CARRON</b> <b>9.00 Welcome Desk &amp; Coffee</b> <b>9.30 Introduction of course</b> <b>9.40 Introduction of Participants</b>	<b>Chair: Y. BELLAÏCHE</b> <b>9.30 Yohanns BELLAÏCHE</b> (Institut Curie, Paris, FR) <b>"TBA"</b>	<b>Chair: M. UMBHAUER</b> <b>9.30 Olivier HAMANT</b> (ENS, Lyon, FR) <b>"How transcriptional noise and mechanical conflicts contribute to organ shape reproducibility"</b>	<b>Chair: C. CARRON</b> <b>9.30 Claudio STERN</b> (University College London, London, UK) <b>"TBA"</b>	<b>Chair: J-L. MAÎTRE</b> <b>9.30 Rashmi PRIYA</b> (Francis Crick Institute, London, UK) <b>" Multiscale organizational principles building the vertebrate Heart "</b>
<b>INAUGURAL SEMINAR: TISSUE PATTERNING:</b> <b>Chair: C. CARRON</b> <b>11.00 Jean-Paul VINCENT</b> (Francis Crick Institute, London, UK) <b>" TBA "</b>	<b>11.00 COFFEE BREAK</b> <b>11.30 Evelyn HOULISTON</b> (LDBV, Sorbonne Université, Villefranche/mer, FR) <b>"Embryogenesis in the hydrozoan Clytia"</b>	<b>10.30 COFFEE BREAK</b> <b>11.00 François ROBIN</b> (IBPS, Paris, FR) <b>"Actomyosin dynamics during cell morphogenesis, from molecule to tissue: a C. elegans perspective"</b>	<b>10.30 COFFEE BREAK</b> <b>11.30 Marie BREAU</b> (IBPS, Paris, FR) <b>"Mechanical aspects of neuronal development"</b>	<b>10.30 COFFEE BREAK</b> <b>11.00 Julien VERMOT</b> (Imperial College, London, UK) <b>"Fluid and cell mechanics during cardiac morphogenesis"</b>
<b>12.00 WELCOME LUNCH &amp; COFFEE</b>	<b>12.30 LUNCH BREAK</b> <b>14.00 Kate McDOLE</b> (MRC Laboratory of Molecular Biology, Cambridge, UK) <b>"How does the embryo get its shape? Understanding early mammalian development using advanced microscopy"</b>	<b>12.00 Journal Club 1</b> <b>12.30 LUNCH BREAK</b>	<b>12.30 Journal Club 3</b> <b>13.00 LUNCH BREAK</b>	<b>13.00 LUNCH BREAK</b>
<b>CELL DIVISION</b>		<b>EVO-DEVO</b>	<b>CELL MIGRATION</b>	<b>STEM CELLS</b>
<b>Chair: J-L. MAÎTRE</b> <b>13.30 Marie Hélène VERLHAC</b> (Collège de France, Paris, FR) <b>"Mechanics as a main oocyte organizer across scales "</b>	<b>15.00 COFFEE BREAK</b> <b>15.30 Romain LEVAYER</b> (Institut Pasteur, Paris, FR) <b>"TBA"</b>	<b>Chair: M. UMBHAUER</b> <b>14.00 Marie MANCEAU</b> (Collège de France, Paris, FR) <b>"TBA"</b>	<b>Chair: Y. BELLAÏCHE</b> <b>14.00 Verena RUPRECHT</b> (Centre for Genomic Regulation - CGR, Barcelona, ES) <b>"Cell migration and tissue plasticity in the early embryo"</b>	<b>Chair: Y. BELLAÏCHE</b> <b>14.00 Teresa RAYON</b> (Babraham Institute, Cambridge, UK) <b>"Timescales in development: the tempo across and within species"</b>
<b>14.30 BREAK (15')</b> <b>14.45 Renata BASTO</b> (Institut Curie, Paris, FR) <b>"TBA"</b>		<b>14.00 Journal Club 2</b> <b>15.00 Journal Club 2</b>	<b>15.00 BREAK (10')</b> <b>15.10 Alex GOULD</b> (Francis Crick Institute, London, UK) <b>"The Protected Brain: Neurogenesis Under Stress"</b>	<b>15.00 BREAK (15')</b> <b>15.15 Jérôme GROS</b> (Institut Pasteur, Paris, FR) <b>"Mechanical feedback in embryonic self-organization"</b>
			<b>16. 10 Journal Club 4</b>	<b>16. 15 Journal Club 5</b>

Monday, Oct. 24 <sup>h</sup> AMPHI BDD	Tuesday, Oct. 25 <sup>th</sup> AMPHI BDD	Wednesday, Oct. 26 <sup>th</sup> AMPHI BDD
<b>STEM CELLS</b> Chair: <b>A. BARDIN</b>	<b>STEM CELLS</b> Chair: <b>A. BARDIN</b>	<b>REGENERATION</b> Chair: <b>CC / MU</b>
<b>9.30 Marta SHAHBAZI</b> (MRC, Cambridge, UK) "Self-organization of the mammalian embryo"	<b>9.30 Allison BARDIN</b> (Institut Curie, Paris, FR) "Drosophila intestinal stem cells"	<b>9.30 Enrique AMAYA</b> (University of Manchester, UK) "TBA"
10.30 COFFEE BREAK	10.30 COFFEE BREAK	10.30 Journal Club 8
<b>11.00 Mariaceleste ARAGONA</b> (Novo Nordisk Foundation Center for Stem Cell Biology, DanStem, Copenhagen, DK) "Regulation of tissue architecture by mechanotransduction and stem cell dynamics to sustain homeostasis and repair"	<b>11.00 Kim JENSEN</b> (Novo Nordisk Foundation Center for Stem Cell Biology, DanStem, Copenhagen, DK) "Intestinal stem cells in development, health and disease"	11.00 COFFEE BREAK
12.00 Journal Club 6	12.00 LUNCH BREAK	<b>11.30 Michalis AVEROF</b> (IGF, Lyon, FR) "Does regeneration mirror development?"
12.30 LUNCH BREAK	<b>HOMEOSTASIS AND METABOLISM</b> Chair: <b>A. BARDIN</b>	12.30 LUNCH BREAK
<b>14.00 Jan LOHMANN</b> (COS Heidelberg, DE) "Control of plant stem cells – a systems perspective "	<b>13.30 Maria ALCOLEA</b> (University of Cambridge, UK) "TBA"	<b>14.30 Roberto MAYOR</b> (University College London, London, UK) " Embryo mechanics controls neural crest development"
15.00 COFFEE BREAK	14.30 COFFEE BREAK	15.30 Journal Club 9
<b>SYSTEM BIOLOGY</b> Chair: <b>A. BARDIN or JLM</b>	<b>SEMINAR MARIE CURIE: EVO-DEVO</b> Chair: <b>CC</b>	16.00 COFFEE BREAK
<b>15.30 Patrick MÜLLER</b> (University of Konstanz, DE) "TBA"	<b>15.00 Cliff TABIN</b> (Harvard University, US) "TBA"	<b>16.30 Elke OBER</b> (University of Copenhagen, DK) " Building an organ: From progenitors to a functional liver architecture"
	16.00 Journal Club 7	17.30 FAREWELL COCKTAIL

