## Developmental Biology Course:
### From Stem Cells to Morphogenesis

**October 7-11, 2019**

### Monday, Oct. 7th
- **AMPHI BDD**
- **9.30** Welcoming Session
- **COFFEE**

#### Inaugural Seminar
- **Chair:** 10:00
- **Alfonso MARTINEZ-ARIAS** (University of Cambridge, UK)
  - "Cell and tissue dynamics during morphogenesis"

#### Lunch Speakers

### Tuesday, Oct. 8th
- **AMPHI BDD**
- **9.30** germ cells and sex determination
- **COFFEE**

#### Gastrulation
- **Chair:** 13:30
- **Jérome GROS** (Institut Pasteur, Paris, FR)
  - "Tissue flows during gastrulation in amniote embryo"
- **COFFEE**
- **15:00** Carl-Philipp HEISENBERG (IST, Austria)
  - "Zebrafish gastrulation"

#### Lunch Break

### Wednesday, Oct. 9th
- **AMPHI BDD**
- **9.30** Growth Regulation
- **COFFEE**

#### Cell Polarity and Division
- **Chair:** 13:30
- **Nicolas MINC** (LUM, Paris, FR)
  - "Division plane positioning in sea urchin embryos"
- **COFFEE**
- **15:00** Nathan GOEHRING (Francis Crick Institute, London, UK)
  - "Polarity networks"

#### Lunch Break

### Thursday, Oct. 10th
- **AMPHI BDD**
- **9.30** Development of the Nervous System
- **COFFEE**

#### Regulation of Transcription
- **Chair:** 15:15
- **Pauline Speder** (Institut Pasteur, Paris, FR)
  - "Brain plasticity and environment"

#### Lunch Break

### Friday, Oct. 11th
- **AMPHI BDD**
- **9.30** Cell Mechanics During Development
- **COFFEE**

#### Developmental Epigenomics
- **13.30** Yad GHAVI-HELM (IGFL, Lyon, FR)
  - "Developmental epigenomics"
<table>
<thead>
<tr>
<th>Monday, Oct. 14th</th>
<th>Tuesday, Oct. 15th</th>
<th>Wednesday, Oct. 16th</th>
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<td><strong>AMPHI BDD</strong></td>
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<td><strong>STEM CELLS AND ORGANOGENESIS</strong></td>
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<td><strong>REGENERATION</strong></td>
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<td>Chair: A. BARDIN</td>
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<td>Rejien BARDIN</td>
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<td>9.30 Silvia FRE</td>
<td>9.30 Allison BARDIN</td>
<td>Enrique AMAYA</td>
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<td>(Institut Curie, Paris, FR)</td>
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<td>(University of Manchester, UK)</td>
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<td>&quot;Notch signalling in stem cells and tumors&quot;</td>
<td>&quot;Stem cells and tissue homeostasis&quot;</td>
<td>&quot;Tissue formation, repair and regeneration&quot;</td>
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<td><strong>COFFEE</strong></td>
<td>10.30: project presentation</td>
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<td>11.15 Bon Kyong KOO (Allison)</td>
<td>11.15 Mina GOUTI (Max Delbrück Center for Molecular Medicine, Berlin, DE)</td>
<td>9.30 Enrique AMAYA</td>
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<td>(IMBA, Vienna, Austria)</td>
<td>&quot;Stem cell modelling and disease&quot;</td>
<td>&quot;Formation and evolution of color patterns&quot;</td>
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<td>&quot;Tracing the effect of oncogenic signals on adult stem cell behavior&quot;</td>
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<td>13.30 Anne GRAPIN-BOTTON (University of Copenhagen, Denmark)</td>
<td>13.30 Miki EBISUYA (EMBL, Barcelona, Spain)</td>
<td><strong>Chair :</strong></td>
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<td>&quot;Endoderm and pancreas development&quot;</td>
<td>&quot;Synthetic developmental biology: gene circuit and organoid zoo&quot;</td>
<td>**13.30 Marie MANCEAU (Collège de France, Paris, FR)</td>
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<td>15:15 Thierry JAFFREDO (IBPS, Paris, FR)</td>
<td>15.00 Laurent DAVID (CRTI, Nantes, FR)</td>
<td>**15.00 Patrick LEMAIRE (CRBM, Montpellier, FR)</td>
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<td>&quot;Hematopoietic stem cells and their niches&quot;</td>
<td>&quot;Regulation of pluripotency during pre-implantation development&quot;</td>
<td>&quot;Exploring the Diversity of Tunicate Genomes &amp; Developmental Programmes&quot;</td>
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<td>16.15: project presentation</td>
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