

ITMO CELL BIOLOGY, DEVELOPMENT AND EVOLUTION

From Cells to Embryo

November 16-17th, 2020

Online, and at Université de Paris, Amphithéâtre Buffon, 15 rue Hélène Brion, 75013 Paris

NOVEMBER 16th, 2020

- ▶ 2:00 p.m.-2:10 p.m. Welcome by the organizers
- ▶ 2:10-2:55 p.m. **Keynote LECTURE**
 “The generation of neural diversity”, **Claude DESPLAN**, New York University, USA
- ▶ 2:55-3:07 p.m. Selected short talk
- ▶ 3:07-3:19 p.m. Selected short talk
- ▶ 3:25-3:55 p.m. **Short break**
 “Gastrulation: more important than marriage or death. Really?”, **Patrick LEMAIRE**, CRBM, Montpellier, France
- ▶ 3:55-4:07 p.m. Selected short talk
- ▶ 4:07-4:19 p.m. Selected short talk
- ▶ 4:19-4:31 p.m. Selected short talk
- ▶ 4:31-4:50 p.m. **Break**
- ▶ 4:50-5:20 p.m. “Mechanical impact of cell delamination on morphogenesis”, **Magali SUZANNE**, CBI, Toulouse, France
- ▶ 5:20-5:32 p.m. Selected short talk
- ▶ 5:32-5:44 p.m. Selected short talk
- ▶ 5:50-6:20 p.m. **Short break**
 “Mechano-chemical models of tissue patterning”, **Edouard HANNEZO**, IST, Vienna, Austria
- ▶ 6:20-6:32 p.m. Selected short talk
- ▶ 6:32-6:44 p.m. Selected short talk
- ▶ 6:44-6:56 p.m. Selected short talk

NOVEMBER 17th, 2020

- ▶ 9:00-9:30 a.m. “Floral regulators: structure, function and evolution”, **François**

- PARCY**, LPCV, Grenoble, France
Selected short talk
- 9:30-9:42 a.m. Selected short talk
- 9:42-9:54 a.m. Selected short talk
- Short break**
- 10:00-10:30 a.m. “Questions of shape, growth and patterning in retinogenesis”, **Caren NORDEN**, Instituto Gulbenkian de Ciência, Oeiras, Portugal
- 10:30-10:33 a.m. Presentation of the thesis award of the French Society of Developmental Biology (SFBD)
- 10:33-10:45 a.m. Short talk by the SFBD Thesis Prize awardee
- 10:45-11:05 a.m. **Break**
- 11:05-11:35 a.m. “Massaging the oocyte nucleus to make a good egg”, **Marie-Hélène VERLHAC**, Collège de France, Paris, France
- 11:35-11:47 a.m. Selected short talk
- 11:47-11:59 a.m. Selected short talk
- Short break**
- 12:05-12:35 p.m. “Cell and tissue mechanics in zebrafish gastrulation”, **Carl-Philip HEISENBERG**, IST, Vienna, Austria
- 12:35-12:47 p.m. Selected short talk
- 12:47-2:15 p.m. **Lunch (on your own)**
- 2:15-2:45 p.m. “Mechanics of blastocyst morphogenesis”, **Jean-Léon MAITRE**, Institut Curie, Paris, France
- 2:45-2:57 p.m. Selected short talk
- 2:57-3:09 p.m. Selected short talk
- Short break**
- 3:15-3:45 p.m. “Patterning of the avian skin”, **Marie MANCEAU**, Collège de France, Paris, France
- 3:45-3:57 p.m. Selected short talk
- 3:57-4:09 p.m. Selected short talk
- 4:09-4:30 p.m. **Break**
- 4:30-5:00 p.m. “Comparative approach to tissue morphogenesis”, **Pavel TOMANCAK**, MPI, Dresden, Germany
- 5:00-5:12 p.m. Selected short talk
- 5:12-5:24 p.m. Selected short talk
- Short break**
- 5:30-6:00 p.m. “Reaching shape robustness in plants with mechanical signals”, **Olivier HAMANT**, ENS Lyon, France
- 6:00-6:12 p.m. Selected short talk
- 6:12-7:00 p.m. **Keynote LECTURE**
“Principles of cell dynamics and function captured by live imaging”, **Valentina GRECO**, University of Yale, USA
- 7:00 p.m.-7:10 p.m. **Concluding remarks**