

INSTITUT PASTEUR COURSE - EDUCATION CENTER

# Advances in stem cell biology

Institut Pasteur, Paris, April 9-21, 2018

This **two-week course** combines lectures and practical sessions that incorporate leading edge technologies to address questions in stem cells biology in the context of organogenesis and regeneration in different organisms.

This course is intended for research scientists and PhD students who already have laboratory experience and a good knowledge (equivalent to a Master level) in developmental and cell biology. It provides a wide scope of how stem cells have adopted strategies to effect organogenesis and regeneration in different organisms.

#### Practical sessions:

- Stem cell strategies for organogenesis and regeneration
- Making ES/iPS cells, organoids and gastruloids
- Leading-edge approaches in identification, derivation and analysis of stem cells
- Stem cells in distinct model organisms (mouse, chick, zebrafish and fly)
- Networking and discussion opportunities

#### Lecturers/Instructors:

Erika Bach (USA)  
Laurence Daheron (USA)  
Michele De Luca (Italy)  
Anna-Katerina Hadjantonakis (USA)  
Marc van de Wetering (NL)  
Mathias Lutolf (CH)  
Alfonso Martinez Arias (UK)  
Laure Bally-Cuif (FR)  
Frank Yates (FR)  
IP: Glenda Comai, Giulia Nigro,  
Michel Cohen-Tannoudji, Francina Langa,  
Jérôme Gros, Ana Cumano

#### Online registration:

[www.pasteur.fr/en/advances-stem-cell-biology](http://www.pasteur.fr/en/advances-stem-cell-biology)

#### Co-directors:

François Schweisguth,  
Shahragim Tajbakhsh

#### Practical information:

**Deadline** for application: January 15, 2018  
**Attendees:** 14 students  
**Contact:** [enseignement@pasteur.fr](mailto:enseignement@pasteur.fr)