

INSTITUT PASTEUR COURSE - EDUCATION CENTER

Development and Plasticity of the Nervous System

Institut Pasteur, Paris, September 16-October 17, 2019

This **five-week** intensive laboratory and lecture course offers a full training program which covers the main cutting-edge topics in neuroscience.

The themes of the courses

This course presents new data and ideas on molecular and cellular aspects of the nervous system development, its plasticity and its diseases. A students exchange program between the « Sorbonne Université » University, Institut Pasteur and Alicante Neuroscience Institute, University Miguel Hernandez, provides the few selected students the opportunity to join a truly European learning environment during a one-week stay in the partner university new technologies that are complementary to their ongoing respective courses.

The themes of the practicals

Practical activities present various animal models including mouse, xenopus, and drosophila which are commonly used in neuroscience research. These activities provide the students with the opportunity to understand the pros and cons of each technique, and to expand their practical skills in carrying out experiments in cellular biology, behavioral studies, neurogenesis and labeling, drug stereotaxic injection, neuro-anatomy and gene expression analyses by using histochemical techniques.

Online registration:

www.pasteur.fr/en/development-and-plasticity-nervous-system

Co-directors:

Alain Trembleau
Pierre-Marie Lledo

Head of practical sessions:
Isabelle Cloëz-Tayarani

Practical information:

Deadline for application: June 22, 2019
Attendees: 20 students
Contact: enseignement@pasteur.fr