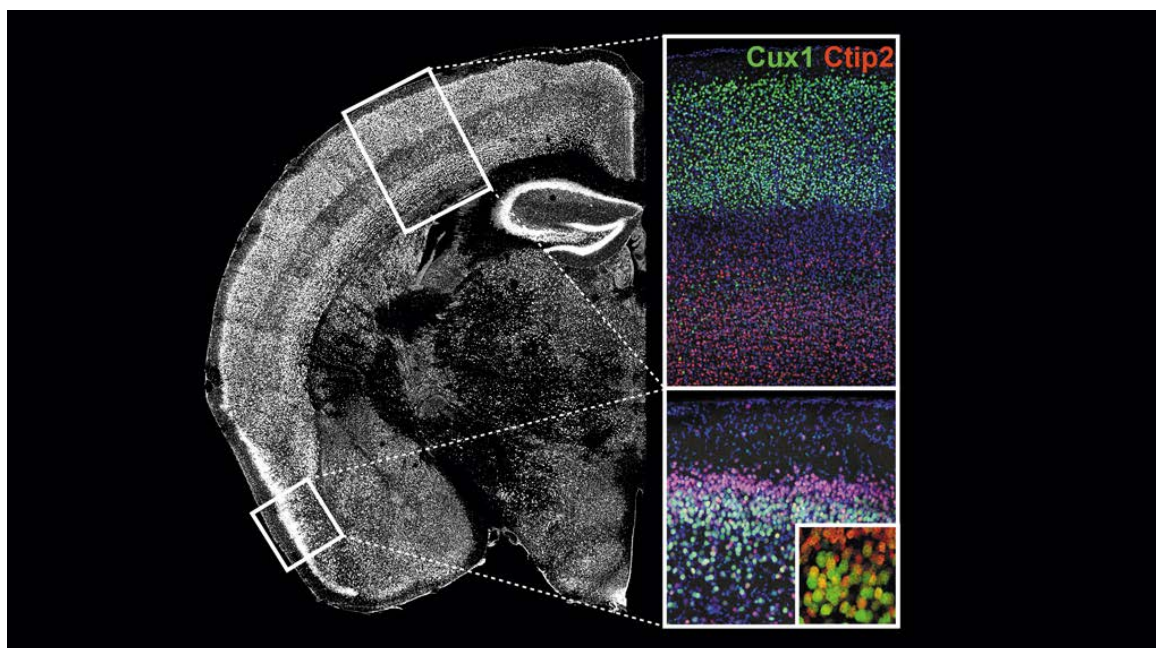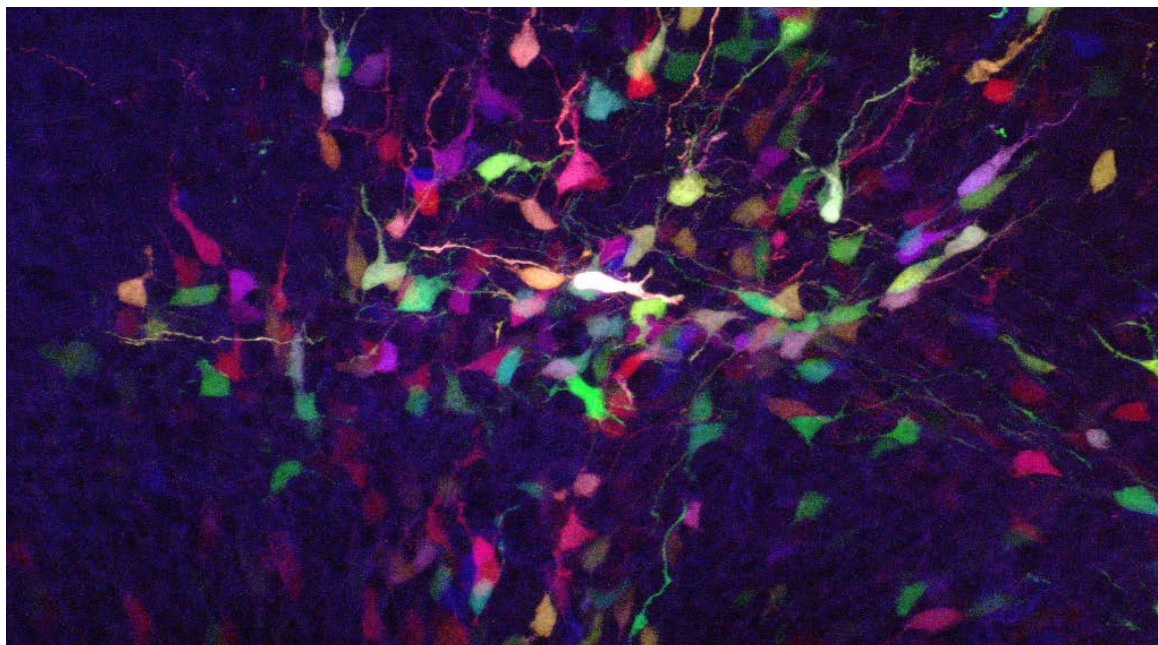U   a

MASTER 1

During the first year (M1), students will acquire a solid theoretical knowledge in neuroscience with an emphasis on experimental neuroscience research.

- Courses taught in **English or in French**
- State-of-the-art technology in neuroscience research
- Methodology in neuroscience taught during each semester
- An overall four-month internship is required to validate the M1 level, either a long internship abroad, or 2 different internships 2 months each

Our facilities of cutting-edge technologies are actively involved during internships and lab sessions

1st SEMESTER

CORE MODULES

- Functional neuroanatomy
- Development and evolution of the nervous system
- Sensorimotor and cognitive systems
- Neuropharmacology
- Neurophysiology
- Neuroscience of homeostatic processes
- Cellular mechanisms of neuropathologies
- Scientific communication
- Neural data science with Python
- Lab sessions

2nd SEMESTER

CORE MODULES

- Models, experimental design and statistics
- Project management and scientific valorization

INTERNSHIP

- Two internships in different locations (research lab, facility of cutting-edge technology, or industry **OR** one long internship abroad (4 months)

Download the M1 program