

Optogenetics and *in vivo* electrophysiology Hands-on course

November 23-25, 2016 in Bordeaux, France

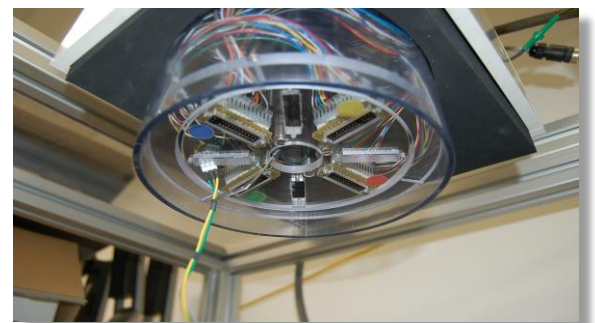
REGISTRATION DEADLINE September 16, 2016

ORGANIZERS Cyril HERRY and Véronique DEROCHE, Neurocentre Magendie, Bordeaux, France

AIMS This workshop will focus on the theory and practice of optogenetics coupled to *in vivo* electrophysiology in behaving rodents.

TOPICS This 3 days (21 hours) workshop will cover :

- **Theoretical courses** on *in vivo* electrophysiology and optogenetics principles; applications in the context of behavioral research
- **Hands on courses** will include :
 - ✓ Electrodes, optrodes and optical fibers manufacture
 - ✓ Stereotaxic cannula implantation and cerebral injection
(Certification in experimental surgery required for this course)
 - ✓ Neurons optical stimulation for behavior testing and electrophysiological recording **in real time**
 - ✓ Results analysis and discussion



SELECTION Due to space limitation, only 10 participants will be enrolled in each course.

ATTENDEES Postdoctoral students and researchers with knowledge in molecular genetics, optoelectronic, rodent behavioral analysis, clinical and ethical concepts.

**INFORMATION
and
REGISTRATION**

Detailed program on optopath.equipex.u-bordeaux.fr
For online registration (Deadline : september 16, 2016) : [click here](#)
 Contact optopath@u-bordeaux.fr for further information

This course is organised with
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