

Study of cerebral vascular network by endomicroscopy *in vivo*
Theoretical and practical training in the use of CellVizio system
June 13-14, 2017 in Bordeaux, France

REGISTRATION DEADLINE April, 23, 2017

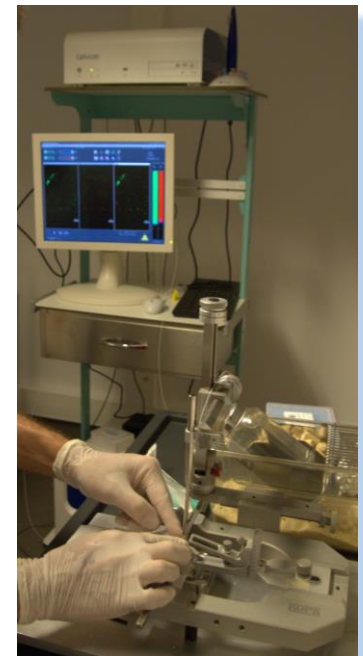
ORGANIZERS Jean-Luc MOREL, Institut des Maladies Neurodegeneratives, Bordeaux, France
Florence BERANGER, Bérengère PETIT and Véronique DEROCHE, Neurocentre Magendie,
Bordeaux, France

AIMS This workshop will focus on the theory and practice of endomicroscopy *in vivo*, using the Cellvizio system to measure blood-brain barrier effectiveness and pial arteries vasoreactivity in real time, in anaesthetised rodents.

TOPICS This **2 days** (14 hours) workshop will cover :

- Theoretical courses** on endomicroscopy *in vivo*: principles, applications and potentials in the context of **neurosciences** and **cardiovascular research**
- Hands on courses** will include :

 - ✓ Surgical implantation of fiber guides (*Certification in experimental surgery required for this course*)
 - ✓ Measurement of the blood-brain barrier effectiveness by endomicroscopy *in vivo* in real time
 - ✓ Measurement of pial arteries vasoreactivity by endomicroscopy *in vivo* in real time
 - ✓ Results analysis and discussion



SELECTION Due to space limitation, only **6 participants** will be enrolled in each course.

ATTENDEES Postdoctoral students and researchers with knowledge in fluorescence principles, microscopy, cerebral vascular network and clinical and ethical concepts.

**INFORMATION and
REGISTRATION**

Detailed program on optopath.equipex.u-bordeaux.fr
For online registration (Deadline : April 23, 2017) : [click here](#)
Contact optopath@u-bordeaux.fr for further information

This course is organised with the support of Inserm continuing education program

