



## Venue

The training site is established at the Service Hospitalier Frédéric Joliot (SHFJ) close to Paris, France.



### Cover Photo

$\mu$ PET imaging of a neuroinflammatory AMPA-induced lesion in the rat striatum.

(G. POTTIER, R. BOISGARD)

## Registration

### Fee

- INMiND members: 200€
- Academic institutions: 400€
- Industry: 800€

### Deadline

December 19, 2014

### Number of participants

- 4 participants minimum (below which the training course will be cancelled)
- 8 participants maximum

For registration please contact:

### INMiND Training Office

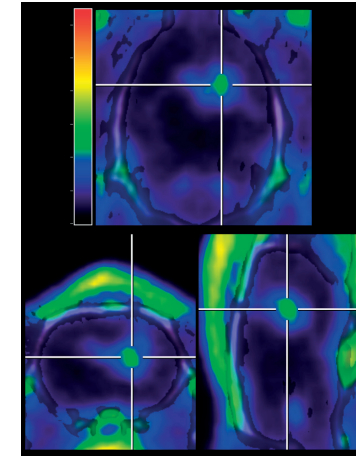
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# INMiND Training Course



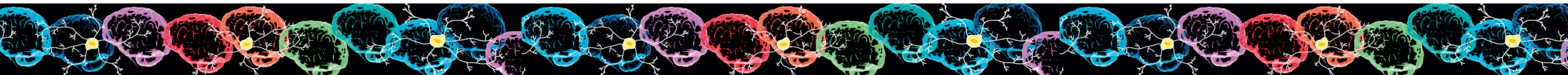
## Small Animal PET Imaging

January 20-23, 2015

Orsay, France



Imaging of Neuroinflammation in Neurodegenerative Diseases



## Training Site

The training site is located at the Service Hospitalier Frédéric Joliot (SHFJ) in Orsay, France (20km south of Paris). The SHFJ facility currently includes an 18MeV cyclotron for oxygen-15, fluorine-18 and carbon-11 isotope production, a radiochemistry department for tracer production, preclinical imaging facilities and a number of high-end PET, MR and optical imaging devices. The SHFJ is particularly interested in the development and in vivo characterization of new radiotracers for neuroinflammation, including the design & radiosynthesis of PET-radioligands, their application in different animal models as well as the transfer towards clinics.



La Bouveche, Orsay

## Training Objectives

The aim of this course is to familiarize participants with PET imaging on small animals with illustrations in neuro inflammation and neuro oncology.

### Duration

4-days (28 hours) teaching packages in small groups

### Methods

50% lectures and 50% practical work

### Lectures content and practical work

- functionalization of imaging probes for carbon 11 and fluorine 18 radiolabelling
- imaging protocols for pharmacokinetic studies in rodents
- model of neuro inflammation
- PET image analysis and data processing

### Credits

Up to 3 ECTS points can be given to the course participants by their home university.



Public Parc, Orsay

## Teachers

Lectures will be given by scientists from the CEA\I2BM in Orsay, France.

### Course Leader

- Raphael BOISGARD  
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### Scientific Advisor

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For further details on the course please visit [www.uni-muenster.de/INMiND/training](http://www.uni-muenster.de/INMiND/training)

