

Organized by



UPMC
UNIVERSITÉ PARIS
SORBONNE UNIVERSITÉS

Inserm



29th August - 2nd September 2016

On topic of Epilepsy



At Institut du Cerveau et de la Moelle épinière (ICM), in Paris

Executive Summary

The Brain to Market Summer School is a program combining **translational neuroscience and entrepreneurship training in a boot-camp format**. At the Institut du Cerveau et de la Moëlle épinière (Paris, France), a 5 days meeting with neuroscience and entrepreneurship courses (all in English) are offered to researchers and engineers from both national and international origins. The Brain to Market Summer School is an executive education program that will leave participants with a new mind-set and the skills needed to innovate and make a real difference for patients, research, development and health care systems.

Key facts:

- **Two profiles of participants:** Scientists (PhD, Post-doc, MD), Engineers, Executives
- **A unique combo training:** neuropathology and entrepreneurship
- **A bootcamp format:** multidisciplinary groups to share knowledge in an efficient way
- **Moonshot projects:** propose a project submitted to a jury

Supported by



 EIT Health is supported by the EIT,
a body of the European Union



Program and teaching method proposed

The first day, the scientific topic is introduced through lectures about the disease by all the care workflow (researchers, clinicians, paramedical staff). The goal of this day is to highlight the main disease challenges and pave the way for the project thinking.

The second and third day, the basis of marketing, business, health economy, ethic and regulatory aspects are provided by actors of the Health and Wellbeing Business Community examples (companies, patients, regulators professionals).

During three days, the participants work in teams of five on projects, while a coach works with participants to help them pitch their ideas. The projects are presented and reviewed by a panel of experts. Working in multidisciplinary teams, the aim of the working groups is to develop a valuable proposal and improve their knowledge transferable from research to business and vice versa.

The registration

The admission for the Summer School is open to everyone who is interested (scientists, clinicians, engineers, trainees), but please note that **seats are limited to 40**. There is a selection process for admission based on motivation and background. Each candidates are asked to follow the link for the registration [here](#) and **send us a CV and motivation statement** (about 500 words lengths). After the selection by the teaching staff, the candidate will receive a registration confirmation.

Application Fees

Please note that applications require payment of a non-refundable application fee that must be paid to confirmation the participation. The fees for academic attendees is 100€ to take part in the week. The fees for industrial attendees is 500€.

The costs of tuitions, the meals on campus and all the social events during the week are covered. Costs for travel and accommodation have to be paid by the participants. We might offer help to book an accommodation nearby the Institute.

For more information, please take a look at the previous edition following the link <http://icm-institute.org/en/actualite/summer-school-brain-to-market-2/> or contact us at: scientific.affairs@icm-institute.org.



Summer School Program

Monday 29th August

8:30-9:30 Welcoming and registration/ Coffee
9:30-10:00 Introduction of the Summer School

*Michel Baulac and Philippe
Mahrer/ Bruno Boulay*

Definition of Epilepsy

10:00-10:30 Epidemiology and genetic
10:30-11:00 Symptoms and clinical aspects (several forms)
11:00-11:30 Physiopathology
11:30-12:00 Epilepsy treatments

*Isabelle An
Claude Adam
Christophe Bernard
Virginie Lambrecq*

Coffee break and networking

Paramedical Aspects

12:15-13:15 Treatment adherence, therapeutic education

Sophie Dupont

Lunch break and networking

Current Challenges in Epilepsy

14:15-15:15 Clinical evaluation needs: Epileptic seizure detection
15:15-16:15 Psychiatric comorbidity

*Vincent Navarro
Odile Plaisant*

Coffee break and networking

16:30-17:30 Treatment issues and care pathways
17:30-18:00 Specific issues on pediatric epilepsy
18:00-18:30 Discussion - Questions

*Michel Baulac
Rima Nabbout*

Welcome reception

18:30-21:00 Brief self-introduction of the participants and working group display

*Alexandra Auffret, Clarisse
Marie-Luce, Bruno Boulay*

Tuesday 30th August

Entrepreneurship

8:30-10:30 Entrepreneurship training

Paul Fifield

Coffee break

10:45-12:00 Entrepreneurship training

Paul Fifield

Lunch break

Economic Aspects

13:00-14:00 Disability and health economic aspects

Philippe Derambure

Coffee break



Conference

14:30-15:30 Pre-clinic evaluation of drug *Rafal Kaminski*

15:30-16:30 Process to product a medical device *Paul Boon*

Ethique/regulatory Conference

16:40-17:40 Epilepsy, as a model of social behavior *Lionel Naccache*

17:40-18:40 Data analysis- ethic and regulatory aspects *ELSI France group*

18:45-19:15 Discussion - Questions

Wednesday 31th August

Boot Camp Start

Project development (group of 5 participants) with coach supervision *P. Mahrer and B. Boulay*

8:30-10:45 Working in groups

Coffee break

11:00-12:00 Working in groups

Lunch break

Presentation of Innovative Projects within ICM

13:00-14:00 *iPEPS* company: Bioserenity

Pierre-Yves Frouin

Presentation of Innovative Projects from Partner Company

14:00-15:00 Philips

Raymond van Ee

15:00-16:30 Working in groups

Coffee break

Visit of the Institute

17:00-18:00 Platforms, ICM incubator (iPEPS), Living Lab (to confirm)

18:00 Outside event: Fab lab visit, Usine IO

Thursday 1st September

Boot Camp Start: coach supervision

P. Mahrer and B. Boulay

8:30-10:30 Working in groups

Coffee break

10:45-12:00 Working in groups

Lunch break (Picnic or Foodtruck)



14:00-16:00 Working in groups

Coffee break

16:15-19:00 Working in groups

Friday 2nd September

Boot Camp Start: coach supervision

P. Mahrer and B. Boulay

8:30-10:30 Working in groups

Coffee break

10:45-12:45 Working in groups

Lunch break

Project presentation

14:00-17:30 Project submission to the summer school jury (20 minutes/project)

17:30-18:00 Jury deliberation

To determine

18:00-21:00 Award ceremony and Closing dinner