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**4<sup>th</sup> September – 8<sup>th</sup> September 2017**

On topic of Depression



**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 Moelle 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



### **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 50**. 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) **before 12<sup>th</sup> June**. 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: 200€ for academics, 1000€ for the industrials.

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/summer-school-2016-brain-to-market-2/> or contact us at: [scientific.affairs@icm-institute.org](mailto:scientific.affairs@icm-institute.org).



## Summer School Program

### Monday 4<sup>th</sup> September

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

*Alexis Brice/J-Y Delattre  
Bruno Boulay*

#### **Definition of Depression**

10:00-10:30 Epidemiology  
10:30-11:00 Symptoms and clinical aspects  
11:00-12:00 Physiopathology  
Pre-clinic evaluation of drug

*Jean-Yves Rotgé  
Alexandra Colin  
Sylvie Rabot  
Denis David*

Coffee break and networking

#### **Therapeutic Aspects**

12:15-12:45 Antidepressant Treatments  
12:45-13:15 Physical Treatments  
13:15-13:45 Psychotherapies

*Bruno Aouizerate  
Bruno Millet  
Charlotte Soumet Leman*

Lunch break and networking

#### **Current Challenges in Depression**

15:00-15:30 Clinical evaluation needs  
15:30-16:00 Care and treatment

*Fabien Vinckier  
David Gourion*

Coffee break and networking

16:15-16:45 Depression and cardiovascular diseases  
16:45-17:15 Placebo effects in depression  
17:15-17:45 Discussion - Questions

*Cédric Lemogne  
Liane Schmidt*

#### **Welcome reception**

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

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

### Tuesday 5<sup>th</sup> September

#### **Entrepreneurship**

8:30-10:30 Entrepreneurship training

*Paul Fifield*

Coffee break

10:45-12:00 Entrepreneurship training

*Paul Fifield*

Lunch break



### **Economic Aspects**

13:00-13:45 Disability and health economic aspects *Isabelle Durand Zaleski*

### **Conferences**

13:45-14:30 Brain imaging biomarker *Philippe Fossati*

Coffee break

14:45-15:30 Suicide and depression *Fabrice Jollant*

15:30-16:15 Process to product a medical device: NeuroNavigation *Vincent Gratsac*

16:15-16:30 Discussion - Questions

### **Presentation of Innovative Projects**

16:30-17:15 Lucimed: Phototherapy glasses *Eric Delloye*

### **Testimony**

17:15-18:00 *TBC*

### **Presentation of Innovative Projects within ICM**

18:00-18:45 *iPEPS* company: AdScientiam  
*Saad Zinaï, Daniel Gérard,  
Matthieu Brancher, T rence  
Brochu, Liouma Tokitsu*

## **Wednesday 6<sup>th</sup> September**

### **Boot Camp Start**

Project development (group of 6 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

13:00-16:30 Working in groups

Coffee break

### **Ethic/regulatory conference**

16:00-16:45 Data analysis- ethic and regulatory aspects *Fran ois Hirsch*

### **Visit and Outside event**

17:00-20:30 PRISME platform & Fab lab visit: Usine IO (TBC)



### Thursday 7<sup>th</sup> 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 8<sup>th</sup> 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

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