INTERNATIONAL SCHOOL OF TRANSLATIONAL PSYCHIATRY TRANS-PSY

PROGRAM 2017-2018
INTERNATIONAL SCHOOL OF TRANSLATIONAL PSYCHIATRY TRANS-PSY

JUNE 25th – JUNE 29th, 2018

Course directors

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Institut Pasteur

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COURSE LOCATION

Institut Pasteur
25/28 rue du Dr Roux
75724 Paris Cedex 15, France

To register on line: www.pasteur.fr/en/trans-psy

We thank Lundbeck France for the Institutional support
Introduction

A one-week course intended for clinicians and PhD students both in France and overseas who are seeking to develop knowledge and experience in the field of **Translational Psychiatry** and Clinical Neuroscience. The course is taught in English.

**Objectives:** The course will focus on the **dimensional approach of psychiatric disorders** and on the core features of fundamental behaviours, including emotional regulation, cognition and memory that intersect diagnostic categories of psychiatric disorders. The course provides an overview of putative mechanisms from molecular to social and environmental factors and their potential impact on behaviour alterations, from normal to pathological. The course also addresses how innovative approaches such as the use of **mobile technology and big data** analysis can be implemented in the field of mental health research and clinical practice.

The course **brings together experts from academia, clinical practice and industry** to offer participants a combination of **lectures and practical workshops**. Participants gain access to the **Pasteur Institute’s** innovative technologies to explore neuronal circuit functioning in animal models (including optogenetics, two photon imaging, real-time neurophysiological recording) and big data analysis for human behaviour.

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### Monday, June 25th 2018

**9:30 - 10:00 Welcome and introduction to the course**
Registrar's office & Education center  
(Institut Pasteur)  
Aroldo A. Dargél, Chantal Henry & Raphaël Gaillard  
(Course organizers)

**10:00 - 10:45 Students personal presentation & Course presentation**

**10:45 - 11:00 Coffee break**

**11:00 - 11:45 Tackling the genetic heterogeneity of autism from risk to resilience**
Thomas Bourgeron (France)

11:45 - 12:15 Discussion with the speaker

12:15 - 13:30 Lunch

**13:30 - 14:15 Digital phenotyping of mood instability**
Kate Saunders (UK)

14:15 - 14:45 Discussion with the speaker

14:45 - 15:00 Coffee break

**15:00 - 15:45 Staging in Bipolar Disorder**
Iria Grande (Spain)

15:45 - 16:15 Discussion with the speaker

### Tuesday, June 26th 2018

**9:30 - 10:15 Aging**
Lida Katimpardi (France)

10:15 - 10:45 Discussion with the speaker

10:45 - 11:00 Coffee break

**11:00 - 11:45 Light in the brain: optogenetic and behaviour**
Gabriel Lepousez (France)

11:45 - 12:15 Discussion with the speaker

12:15 - 13:30 Lunch

14:00 – 15:00 Visite du Musée de Pasteur

14:45- 15:00 Coffee break
15:00 - 15:45 Motivational system in mood disorders  
Fabien Winckler (Switzerland)

15:45 - 16:15 Discussion with the speaker

**Wednesday, June 27th 2018**

9:30 - 10:15 New therapeutic approaches in psychiatry  
Boris Chaumette (Canada)

10:15 - 10:45 Discussion with the speaker

10:45 - 11:00 Coffee break

11:00 - 11:45 Metabolomic analysis in psychiatric disorders  
Elisa Brietzke (Brazil)

11:45 - 12:15 Discussion with the speaker

12:15 - 13:30 Lunch

13:30 - 14:15 Trauma & epigenetics  
Bruno Etain (France)

14:15 - 14:45 Discussion with the speaker

14:45 - 15:00 Coffee break

15:00 - 15:45 iPS and depression  
Anne-Cécilie Petit (France)

15:45 - 16:15 Discussion with the speaker

**Thursday, June 28th 2018**

9:30 - 10:15 The global brain vision  
Pierre-Marie LLedo (France)

10:15 - 10:45 Discussion with the speaker

10:45 - 11:00 Coffee break

11:00 - 11:45 Cannabinoids receptors in mood disorders  
Antoine Nissant (France)

11:45 - 12:15 Discussion with the speaker

12:15 - 13:30 Lunch

13:30 - 14:15 Epigenetics and psychiatric disorders  
Raoul Belzeaux (France)

14:15 - 14:45 Discussion with the speaker
14:45 - 15:00 Coffee break

15:00 - 15:45 **Translational approach of social exclusion: toward a new model of depression**
Philippe Fossati (France)

15:45 - 16:15 Discussion with the speaker

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**Friday, June 29th 2018**

9:30 - 10:15 **Multidimensional Mood instability in bipolar disorder**
Aroldo A. Dargél (France)

10:15 - 10:45 Discussion with the speaker

10:45 - 11:00 Coffee break

11:00 - 11:45 **Perceptual bias in mood disorders:**
Chantal Henry (France)

11:45 - 12:15 Discussion with the speakers

12:15 - 13:30 Lunch

13:30 - 14:15 **Neuroprogression in bipolar disorder**
Flávio Kapczinski (Canada)

14:15 – 14:45 Discussion with the speaker

14:45 - 15:00 Coffee break

15:00 - 15:45 **Closing remarks**
Aroldo A. Dargél
Chantal Henry
Raphaël Gaillard