

FIRST WEB-CONFERENCE ON TRANSLATIONAL IMAGING FOR PSYCHOPHARMACOLOGY

04 | 12 | 2014

Kollegiensgebäude
Room 114

Basel

We are pleased to announce the **1st web-conference on Translational Imaging for Psychopharmacology** which will focus on MRI based methodology not only to understand the effect of psychotropic drugs on the brain of humans and animals, but also to help translational research. As the ultimate goal is to enhance drug design and development, representatives from the pharmaceutical industry will come to define the needs and share their experience with academics.

Although physically located at the University of Basel, the web-conferencing formula will also allow remote attendance to the conference. Beyond the sharing of knowledge, this conference seeks to gather the community interested in this subject. Accordingly, we invite all the researchers around the world to contact us and to attend for free. We will do our best to allow remote attendees to interact with the panel.

Organizer: Jack Foucher

Registration and more info on www.neurex.org
or contact: Pascale.Piguet@unibas.ch

PROGRAM

09.00-09.15 Welcome address

DEFINING THE NEEDS

09.15-10.00 **Fabio Sambataro**, ROCHE, Basel, Switzerland
Needs and expectations in translational pharmacological imaging

HUMAN PHARMACOLOGICAL MRI

10.00-10.45 **Mitul Mehta**, Institute of Psychiatry, London, United Kingdom
Human pharmacological imaging: approaches, pitfalls and utility

10.45-11.15 Coffee break

11.15-12.00 **Joop van Greven**, Centre for Human Drug Research, Leiden, Netherlands
Pharmacology of resting state imaging in human

12.00-12.30 **Jack Foucher**, Icube laboratory, Strasbourg, France
A resting state ASL-BOLD study of methylphenidate

12.30-13.30 Lunch Break

ANIMAL PHARMACOLOGICAL MRI

13.30-14.00 **Markus von Kienlin**, ROCHE, Basel, Switzerland
Reference System of fMRI Activation Patterns induced by Psychoactive Treatments in Rat

14.00-14.30 **Alessandro Gozzi**, Istituto Italiano di Tecnologia, Rovereto, Italy
Functional and pharmacological MRI of the mouse brain

14.30-15.15 **François Dauphin**, EA 4259, Caen, France
Central effects of the modulation of 5-HT₆ receptors: a Pharmacological MRI study

15.15-15.45 Coffee Break

TRANSLATIONAL PERSPECTIVES

15.45-16.45 **Lino Becerra**, PAIN group, Boston, United States of America
Translational imaging for pain pharmacology

16.45-17.30 **Round table**
Defining the needs, technological bottleneck, pitfalls and perspectives in the field. Provisional guidelines on the paradigm and imaging techniques.