

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

14.00-14.30 **François Dauphin**,
EA 4259, Caen, France
**Central effects of the modulation of 5-HT6
receptors: a Pharmacological MRI study**

14.30-15.15 **Markus von Kienlin**,
ROCHE, Basel, Switzerland
**Reference System of fMRI Activation Patterns
induced by Psychoactive Treatments in Rat**

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.