

Bench to Bedside Symposium: Friday, 27th January 2012
Pharmazentrum, Hörsaal 1
Klingelbergstrasse 50, 4056 Basel

Program

09:00-09:10 Welcome and Opening remarks: A. Papassotiropoulos, Molecular Neuroscience

Keynote lecture 1

09:10-9:50 Tobias Derfuss, USB: The target in MS - virus, myelin or neuron?

9:50-10:10 Coffee Break

Session 1: Neuroimmunology

Chaired by: Ludwig Kappos, USB/ Tobias Derfuss, USB

10:10-10:20 Introduction to the session by Ludwig Kappos, USB/ Tobias Derfuss, USB

10:20-10:40 David Leppert, Roche: B-cells in MS - how clinical trials can advance our understanding of MS pathogenesis

10:40-11:00 Erik Wallstrom, Novartis: A new S1P modulator in MS – application of bedside learning in clinical development

Session 2: Learning and Memory

Chaired by: Andreas Lüthi, FMI

11:00-11:10 Introduction to the session by Andreas Lüthi, FMI

11:10-11:30 Flavio Donato, FMI: Opposite microcircuit configurations support acquisition and precision in learning

11:30-11:50 Attila Stetak, UPK: Learning and Memory in *C. Elegans*

11:50-12:10 Lynda Demmou, FMI: Reward conditioning and the amygdala

12:10-13:10 Lunch

Session 3: Neurogenesis

Chaired by: Josef Bischofberger, DBM

13:10-13:20 Introduction to the session by J. Bischofberger, DBM

13:20-13:40 Verdon Taylor, DBM: Somatic neural stem cells: hype, hope or heresy

13:40-14:00 Clemens Cabernard, Biozentrum: Mechanisms of asymmetric stem cell division

14:00-14:20 Ravi Jagasia, Roche: Chemical approach to human neurogenesis

Keynote lecture 2

14:20 -15:00 Anirvan Ghosh, Roche: Genes, Synapses, Circuits: Understanding the Biology of Autism

15:00-15:30 Coffee Break

Session 4: Movement disorders

Chaired by: Markus Tolnay, USB

15:30-15:40 Introduction to the session by Markus Tolnay, USB

15:40-16:00 Fabrizio Gasparini, Novartis: Molecular aspects of L-dopa induced dyskinesias

16:00-16:20 Baltazar Gomez-Mancilla, Novartis: Translational models and clinical applications of L-dopa induced dyskinesias in PD

16:20-16:40 Ethan Taub, USB: Soma, axon, or both. Where and how does deep brain stimulation work?

16:40-17:00 Peter Fuhr, USB: Non-motor aspects of Parkinson's disease

17:00-17:05 Closing remarks

17:10-17.30 Apéro

17:30 – 18:15 General Assembly Neuroscience Network Basel