



Symposium on Animal Experimentation

“Molecular Imaging in Animal Models”

6 October, 2006

University of Zürich, Irchel Campus Lecture Room 85
Winterthurerstrasse 190, 8057 Zürich

***Organized by the Swiss Society for Neuroscience
Approved by the Cantonal Veterinary Office***

Registration: www.swissneuroscience.ch

- 9h30-10h30 “In vivo imaging of glial cell activity”
Fritjof Helmchen, Brain Research Institute, University of Zürich/ETHZ
- 10h30-11h30 “Imaging functional and structural plasticity in the visual system of the mouse”
Mark Hübener, Max Planck Institute for Neurobiology, Martinsried
- 11h30-11h45 Coffee break
- 11h45-12h45 “Measuring protein concentrations in dendritic spines”
Thomas Oertner, FMI, Basel
- 12h45-13h45 Lunch
- 13h45-14h45 “Functional MRI in small animals: towards non-invasive molecular readouts”
Thomas Mueggler, Imaging Center, University of Zürich/ETHZ
- 14h45-15h45 “What the eye sees but not the brain”
Botond Roska, FMI, Basel
- 15h45-16h00 Coffee break
- 16h00-17h00 “In vivo imaging of taste modalities representation in the gustatory cortex”
Alan Carleton, EPFL, Lausanne