

Seminartag zum Thema "Anwendung von Imaging und Patch Clamp in den Zellulaeren Neurowissenschaften"

M O N T A G, 22. M A E R Z 2004

Programme:

9.15 - 9.35

Oliver Kann

Johannes-Mueller-Institut fuer Physiologie, Charité, Berlin

Neuroscience Research at the Johannes Mueller Institute of Physiology -

an overview

9.35 - 9.55

Helmut Kettenmann

Max Delbrueck Centrum fuer Molekulare Medizin (MDC), Berlin-Buch

Neuroscience Research at the Department of Cellular Neurosciences at the

MDC - an

overview

9.55 - 10.40

Katrin Faerber

Max Delbrueck Centrum fuer Molekulare Medizin (MDC), Berlin-Buch

Mircroglia and patch-clamping

10.40 - 11.00 Coffee Break

11.00 - 11.45

Carola Schipke

Max Delbrueck Centrum fuer Molekulare Medizin (MDC), Berlin-Buch

Calcium Imaging in acute brain slices

11.45 - 12.30

Christian Lohr

Universitaet Kaiserslautern

Two-photon calcium imaging in migrating glial cells

12.30 - 13.15 Lunch

13.15 - 14.00

Joachim Behr

Johannes-Mueller-Institut fuer Physiologie, Charité, Berlin

Correlation of morphological and electrophysiological data

14.00 - 14.45

Knut Holthoff

Physiologisches Institut der Universitaet Muenchen

Calcium dynamics in spines and dendrites of cortical neurons: Link to

synaptic plasticity

14.45 - 15.30

Michael Gutnick
The Hebrew University of Jerusalem
Recording of slow sodium currents in cortical neurons: methods to
localize distribution of
channels

15.30 - 16.00 Coffee Break

16.00 - 16.45
Ralf Schneggenburger
MPI fuer Biophysikalische Chemie Goettingen
Calcium uncaging and quantitative Calcium imaging in nerve terminals

16.45 - 17.30
Oliver Kann
Johannes-Mueller-Institut fuer Physiologie, Charité, Berlin
Combined microfluorimetric and extracellular recordings in hippocampal
slice cultures

17.30 - 18.15
Christoph Behrens
Johannes-Mueller-Institut fuer Physiologie, Charité, Berlin
Consolidation of memory traces