

Programme BMF2009

Tuesday September 22

Time	Activity
10.00 - 11.00	Registration
11.00 - 11.15	Welcome
11.15 - 12.15	Keynote lecture, James W. Fawcett (UK) "Molecular control of brain plasticity and repair"
12.30 – 13.30	Lunch
13.30 – 14.30	Keynote lecture, Alva Noë (US) "Out of our heads: understanding brain in the context of the animal's life"
14.30 – 15.00	Break
Minisymposia IA+IB	
<i>IA: Consciousness and subjectivity (Chair: Joel Krueger)</i>	
15.00	Christian Beenfeldt, University of Oxford Is introspectionism a viable paradigm (to return to) for contemporary psychological studies of "inner experience"? A philosophical examination of Titchener's structuralist approach to experimental psychology
15.20	Jens Christian Haar, HUM, KU Mineness of experience – an interdisciplinary investigation: phenomenology to cognitive neuroscience
15.40	Short break
15.50	Robin Døngart, SAMF, KU Problems with Chalmers' double-aspect theory of information
15.00 - 16.30	16.10 Adrian Smith, Johannes Gutenberg-Universität Mainz Unity and the effective body
<i>IB: Treating neurological diseases (Chair: Anders Bach)</i>	
15.00	Mette N. Erichsen, FARMA, KU Discovery of UCPH-101 – The first selective EAAT1 inhibitor
15.20	Anne Iversen, FARMA, KU The involvement of K _{ATP} channels in neurotransmitter release from cultured murine GABA _A ergic neurons
15.40	Short break
15.50	Mie Ø. Pedersen, SUND, KU Neuroprotective effects of metallothionein during LPS-mediated brain pathology
16.10	Melanie Kirmess, University of Oslo Exploring the principles of brain plasticity in aphasia recovery: a case study from constraint induced language therapy
16.30 – 17.00	Break
17.00 – 18.00	Keynote lecture, Gemma Calvert (UK) "How can neuroscience help industry?"
19.00 -	Dinner

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Wednesday September 23

Time	Activity
09.00 – 10.00	Keynote lecture, Hans Keirstead (US) “Stem cell-based therapies for the treatment of spinal cord injury and disease”
10.00 – 10.30	Break
	Minisymposia IIA+IIB
	<i>IIA: Motor control (Chair: Claire Meehan)</i>
	10.30 Florence Cotel, SUND, KU Serotonin induces central fatigue by inhibiting sodium channels at the axon initial segment of motoneurons
	10.50 Kasper Skriver, NAT, KU The role of the motor cortex during correction of ballistic movements in humans
	11.10 Short break
	11.20 Mengliang Zhang, SUND, KU Upregulation of serotonin 2A receptor immunoreactivity after acute and chronic spinal transection of rats
10.30 - 12.00	11.40 Rune W. Berg, SUND, KU Functional gain modulation in spinal motoneurons by sub-threshold Vm-fluctuations due to balanced synaptic inhibition and excitation
	<i>IIB: Schizophrenia, clinical and preclinical perspectives (Chair: Bob Oranje)</i>
	10.30 Sanne S. Kaalund, Bispebjerg University Hospital Quantative analysis of cellular changes in hippocampus of an animal model of schizophrenia
	10.50 Nikolaj Bak, Psychiatric University Center Glostrup Source localization of sensory gating: concurrent assessment of EEG and fMRI, preliminary results
	11.10 Short break
	11.20 Trine B. Hammer, Psychiatric University Center Glostrup The stability of prepulse inhibition of the startle reflex in schizophrenia: a 5 year follow-up study on antipsychotic naïve, first-episode schizophrenia patients
	11.40 Ayna Nejad, Hvidovre University Hospital Working memory-related brain hyperactivity in drug-naïve, first-episode schizophrenia patients
12.00 – 13.00	Lunch
13.00 – 14.00	Keynote lecture, Hermano I. Krebs (US) “Human-machine interactions: applications to neuro-rehabilitation”
14.00 – 14.15	Break

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Wednesday September 23, continued

Time	Activity
	Minisymposia IIIA+IIIB
	<i>IIIA: Neuroimaging (Chair: Egill Rostrup)</i>
14.15	Katharina Schaefer, Glostrup University Hospital Dependency of BOLD signal amplitude on stimulation intensity in human somatosensory cortex
14.35	Mette Haahr, Copenhagen University Hospital BMI is positively correlated with neocortical 5-HT ₄ receptor binding
14.55	Short break
15.05	Otto M. Henriksen, Glostrup University Hospital A comparison of novel MR techniques for quantification of brain perfusion
15.25	Xingchen Wu, Hvidovre University Hospital Multi-slice echo planar spectroscopic MR imaging in multiple sclerosis: a longitudinal study
14.15 – 15.45	
	<i>IIIB: Molecular brain studies (Chair: Kristian Strømgaard)</i>
14.15	Anne B. Walls, FARMA, KU Glycogen is an essential energy substrate for glutamatergic neurotransmission
14.35	Theis Wilbek, FARMA, KU Characterization of fluorescent phillanthotoxin-analogues
14.55	Short break
15.05	Carina Jørgensen, Glostrup University Hospital PDE5 inhibitor pre-treatment of human brain microvascular endothelial cells leads to a decreased activation of MAPK upon stimulation with TNF- α
15.25	Martin Andreas Santini, Copenhagen University Hospital Long-term exposure to brain-derived neurotrophic factor (BDNF) reduces 5-HT _{2A} protein levels in hippocampal cultures
15.45 – 16.00	Break
16.00 – 17.00	Keynote lecture, Jan Kehler (DK) “Next generation antipsychotics – how chemistry influence thoughts, emotions and cognition”
17.00 – 19.00	Poster session
19.30	Gala dinner

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Thursday September 24

Time **Activity**

08.30 – 09.30 Keynote lecture, Peter Gärdenfors (Sweden)
“Coevolution of cognition, cooperation and communication”

09.30 – 09.45 Break

Minisymposia IVA+IVB

IVA: Cognition, mind and personality (Chair: Hana Malá)

09.45 Simon Nørby, SAMF, KU, and Aarhus University
List-method directed forgetting of neutral and emotional words: forgetting
“torture” is indeed harder than forgetting “briefcase”

10.05 Mette Ø. Nielsen, SUND, KU
Does personality trait depend on the sensitivity of the brain reward system? A
pilot study in progress.

10.25 Short break

10.35 Inge Wilms, SAMF, KU
Intricacies of feedback in computer-based Prism Adaptation Therapy

09.45 – 11.15 10.55 Signe A. Vangkilde, SAMF, KU
Differential effects of nicotine on discrete components of visual attention

IVB: Reward and addiction (Chair: Kenneth L. Madsen)

09.45 Ulrik Gether, SUND, KU
Steps towards the development of a cocaine antidote

10.05 Thor S. Thorsen, SUND, KU
An inhibitor of PICK1 - a potential treatment for cocaine addiction?

10.25 Short break

10.35 Mattias Rickhag, SUND, KU
A membrane permeable C-terminal peptide of the dopamine transporter
inhibits the acute response to amphetamine *in vivo*.

10.55 David Woldbye, SUND, KU
Role of neuropeptide Y in cocaine addiction

11.15 – 11.30 Break

11.30 – 12.30 Keynote lecture, Marc G. Caron (US)
“Title will soon be available”

12.30 – 13.30 Lunch
Best Presentation Award