



UNIVERSITY OF OSLO
FACULTY OF MEDICINE



Oslo 11. September 2007

Invitation to Gaustad Neuroscience Network (GNN) Meeting in Oslo Tuesday 25th September 2007.

The main aim of the meeting is to present projects with a translational focus based on cooperation between basic science and clinical research. The goal is to heighten the awareness of activities and competence locally in order to increase collaboration and output from ongoing research. At this seminar we specifically wish to promote young researchers with a translational focus on their projects.

The meeting is organized by Gaustad Neuroscience Network (GNN), gnet.no (website is under construction). GNN was established in 2004 with the aim of strengthening research at Rikshospitalet and the Institute of Basic Medical Sciences by improving the interaction between the two institutions. GNN was established at the initiative of the Faculty of medicine and the Centre for Molecular Biology and Neuroscience (cmbn.no).

The meeting will be held at Holmenkollen Park Hotel and will begin at 10:00 and end at 16:00. The meeting will be held in English. There is no registration fee. Lunch is included.

To get to Holmenkollen Park Hotel please take the T bane #1 Frognerstøreten to Holmenkollen stop. Follow the road uphill towards the Holmenkollen National Ski Stadium. It is a 10 minute walk, and slightly uphill.

If you wish to attend the meeting, please contact Ida Erstad at ida.erstad@medisin.uio.no to register.

The conference room has limited capacity so attendance will have to be limited to the first 55 persons that register for the meeting (including presenters).

On behalf of the organisers,

A handwritten signature in black ink, appearing to read 'Ole P Ottersen'.

Ole P Ottersen
Professor dr med,
Centre for Molecular Biology and Neuroscience
University of Oslo

A handwritten signature in black ink, appearing to read 'Tone Tønjum'.

Tone Tønjum
Professor dr med,
Centre for Molecular Biology and Neuroscience
Rikshospitalet, University of Oslo

Preliminary program 25 September 2007.

- 10:00-10:10 Welcome.
- 10:10-10:25 Alexander D. Rowe, Bioinformatics Group, CMBN, University of Oslo.
"Laser trapping and fluorescence microscopy: our new system to measure and image functioning molecular machines."
- 10:25-10:40 Cecilie Narvesen, CMBN, University of Oslo.
"Effekter av antiepilepsimidlet valproat på aminosyretransportører i hjernen."
- 10:40-10:55 Trygve B. Leergaard & Jan G. Bjaalie, CMBN, NeSys, University of Oslo.
"Navigating the rodent brain: Towards an integrative framework for visualization and analysis of histological and tomographic images."
- 10:55-11:10 Anders M Fjell, Center for the study of Human Cognition, University of Oslo.
"Behavioral instability as a marker of CNS function and structure."
- 11:10-11:25 Marit Dalen & Tomas Alme, Pediatrisk forskningsinstitutt, Rikshospitalet.
Title to be announced.
- 11:25-11:40 Stephan A. Frye, CMBN, University of Oslo, Rikshospitalet.
"Glial and neuronal responses to meningococcal meningitis."
- 11:40-11:55 Max Larsson, CMBN, University of Oslo.
"Glutamat - signalstoff i dopaminerge nervefibre."
- 11:55-13:00 Lunsj*
- 13:00-13:15 Bjørnar Hassel, Nevrologisk avdeling, Rikshospitalet.
"White matter and metabolism."
- 13:15-13:30 Farrukh Abbas Chaudhry, The Biotechnology Centre of Oslo & CMBN.
"Glutaminets fysiologiske og patofysiologiske roller."
- 13:30-13:45 Thomas Espeseth & Herman Ambur, CMBN, University of Oslo, Rikshospitalet.
"Neurogenetics of attention in the aging brain."
- 13:45-14:00 Kjell Heuser, Nevrologisk avdeling, Rikshospitalet.
"Aquaporins and epilepsy."
- 14:00-14:15 Mahmood Amiry-Moghaddam, CMBN, University of Oslo.
"Aquaporins and brain edema."
- 14:15-14:30 Pause*
- 14:30-14:45 Sigrid Svalheim, Nevrologisk avdeling, Rikshospitalet.
"Effects of antiepileptic drugs on reproductive endocrine function - animal and human studies."
- 14:45-15:00 Kristine B Walhovd, Center for the study of Human Cognition, University of Oslo.
"Neuroimaging of aging and dementia."
- 15:00-15:15 Per Kristian Eide, Nevrokirurgisk avdeling, Rikshospitalet.
"Clinical studies on the pathophysiology of hydrocephalus."
- 15:15-15:30 Tine Jeanette Johansen, CMBN, University of Oslo
"NMDA-reseptorer i hippocampus i en rottemodell for ADHD."
- 15:30-15:45 Knut Petter Lehre, CMBN, University of Oslo.
"Roles of transporters in glutamate metabolism: the importance of numbers."
- 15:45 Concluding remarks.