

The 1st National PhD Conference in Neuroscience

10-11 September 2013 at Stiklestad

10 September 2013

- 09:45 Departure from Campus Øya, MTFS
- 10:30 Departure from Værnes Airport
- 11:00-11:30 Buses arrive at Stiklestad Hotel
- 11:30-12:30 Lunch
- 12:30-13:00 Registration and poster mounting
- 13:00-13:15 Words of welcome by Menno Witter and the organizing Committee
- 13:15-14:15 Invited speaker: Dr. Matthias Schwab, University of Jena, Germany:
Title: *"Fetal brain development and programming of diseases in later life"*
- 14:15-14:30 Short break
- 14:30-15:30 First session oral presentations: **Neurogenetics**
Monica Dahl Bjørge, UiO: *"Some Die Young-The DNA-Glycosylases MutY and Ogg1 affect cell death mechanisms in different regions of the brain"*
Bendik S. Winswold, UiO: *"Genome-wide meta-analysis of 23 285 individuals with migraine"*
Novin Balafkan, UiB: *"Using pluripotent stem cells (iPSC) to model mitochondrial disease and study tissue specific manifestations caused by POLG mutations"*
Iselin M. Wedding, UiO: *"Paraplegin mutations cause progressive external ophthalmoplegia with multiple mitochondrial DNA deletions in skeletal muscle"*
Rahmane Christeen, UiO: *"Molecular characterization of Progressive Encephalopathies in childhood"*
- 15:30-15:45 Coffee break
- 15:45-16:45 Blitz presentations (33 x 1 min)
- 16:45-17:45 Poster presentations
- 17:45-18:00 Short break
- 18:00-19:00 Invited speaker: Dr. Kári Stefánsson, deCODE Genetics, Iceland:
Title: *"Genetics of common diseases"*
- 19:45- Conference dinner at hotel
- 21:30- Social program

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- 09:00-10:15 Second session oral presentations: **Molecular neuroscience**
Stefan Blankvoort, NTNU: *“Activation of granule cells increases neurogenesis in the adult dentate gyrus”*
Agnete Prydz, UiO: *“Loss of astrocyte polarity in Parkinson’s disease?”*
Marco A. Vindas, UMB: *“The role of the brain dopaminergic system during omission of expected reward in salmonids”*
Ingrid Åmellem, NTNU: *“Chronic fluoxetine treatment increases the dendritic complexity of immature granule cells in the adult dentate gyrus”*
Helene Johannessen, NTNU: *“Role of the vagus nerve in the gut-brain axis revealed by stimulation and blockade of the gastric vagus nerve”*
- 10:15-10:30 Coffee
- 10:30-11:30 Third session oral presentations: **Systems and cognitive neuroscience**
Sanjay Aryal, UiO: *“Omega-3 polyunsaturated fatty acids and synaptic plasticity”*
Li Lu, NTNU: *“Impaired hippocampal rate remapping following lesions in the lateral entorhinal cortex”*
Espen Hagen, UMB: *“Generation of biophysically realistic model extracellular recordings for evaluation of spike sorting algorithms”*
Jelena Mrdalj, UiB: *“Early and later life stress in rats. Effects on sleep EEG and circadian rhythmicity”*
Xi Chu, UiT: *“Introduction of seminatural environment study for sociosexual interaction in intact male and female rats”*
- 11:30-12.45 Check out and lunch
- 12:45-13:45 Fourth session oral presentations: **Clinical neuroscience**
Christine Lycke Brandt, UiO: *“Functional brain connectivity across cognitive tasks in schizophrenia”*
Marianne Lundervik, UiB: *“Carotid intima-media thickness- a potential predictor for rupture risk of intracranial aneurysms”*
Jinan Behnan, UiO: *“Recruited brain tumor-derived mesenchymal stem cells contribute to brain tumor progression”*
Hedda Døli, UiB: *“Aphasia after cerebral infarction- what can diffusion-weighted MRI tell us?”*
Violeta Nazaret Lozano Botellero, NTNU: *“Brain morphometry and ADHD in VLBW adolescents”*
- 13:45-14:00 Short break
- 14:00-15:00 Blitz presentations (32 x 1 min)
- 15.00-16.00 Poster presentations incl. coffee and light meal
- 16:00-16:15 Closing session and awards
- 16:30 Departure from Stiklestad
- 17:45 Buses arrive at Værnes Airport
- 18.30 Buses arrive at Campus Øya, MTFs