

Second Nordic Imaging Network Symposium



Organized by:
Frits Thorsen, Molecular Imaging Center,
Dept. of Biomedicine, University of Bergen



Program (Location: BBB, Auditorium 1):

Thursday 17th of September:

- 14.00 Arrival, registration, coffee and sandwiches.
- 15.00 Opening.
Frits Thorsen, Molecular Imaging Center, University of Bergen.
Eleanor Coffey, Åbo Academy, University of Turku.

Molecular and Cellular Imaging I

Chair: *Frits Thorsen*

- 15.05 Novel macropinocytic pathway promoting Echovirus 1 infection.
Varpu Marjomäki, University of Jyväskylä.
- 15.35 Fluorescence imaging of neurons in brain reveals molecular mechanisms of development.
Eleanor Coffey, Åbo Academy, University of Turku.
- 16.05 How synapses organize their periaxonal zone.
Oleg Shupliakov, Karolinska Institute.
- 16.35 Coffee
- 17.00 Proteome imaging of quaternary structure-based protein modularity provides design platform of self-organized theranostic cargoes.
R Holland Cheng, University of Jyväskylä/University of California
- 17.30 Tracking HIV-1 cell-to-cell transmission.
Gregory McNerney, University of California Davis
- 18.00 Prem. title: HTP imaging
Michael Courtney, University of Kuopio.
- 18.30 Program end and immediate transport to Mt. Ulrikken. We'll take the cable car to the top 643 meters above sea level.
- 20.00 Dinner at Mt. Ulrikken with a magnificent view over Bergen.



Friday 18th of September:

Small animal imaging

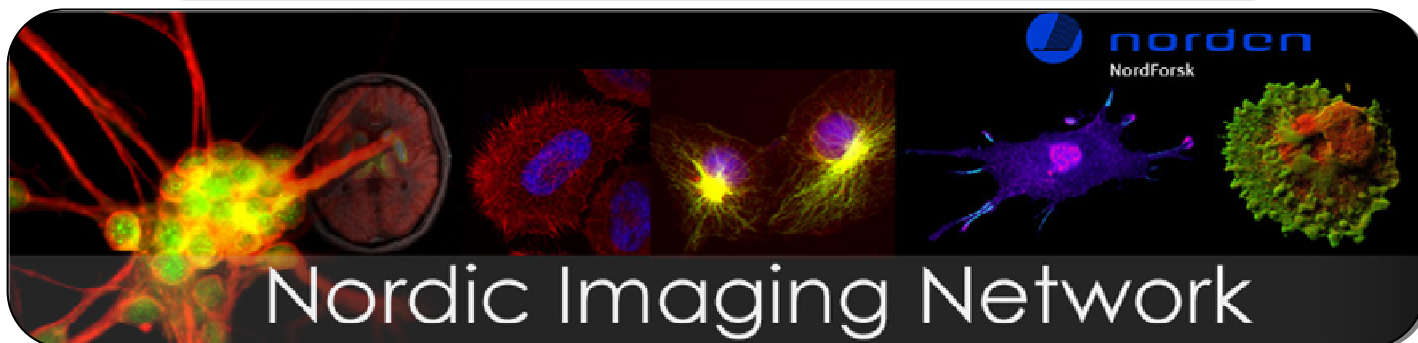
Chair: *Tina Pavlin*

- 09.00 Optical Imaging of cancer.
Emmet Mc Cormack, University of Bergen.
- 09.30 Manganese-enhanced MRI of brain injury in a neonatal asphyxia model.
Marius Widerøe, NTNU, Trondheim.
- 10.00 In vivo MR tracking of MPIO-labeled glial cells in the rat CNS
Yanna Sandvig, NTNU, Trondheim.
- 10.30 Gene therapy of glioblastomas.
Hrvoje Miletic, University of Bergen.
- 11.00 Coffee
- 11.30 β -amyloid imaging with PET: A rat study with [11C]PIB and [18F]Flutemetamol.
Anniina Pakkanen, Turku PET Center.

Molecular and Cellular Imaging II

Chair: *Jaakko Saraste*

- 12.00 Plenary lecture: Super-Resolution Fluorescence Imaging in Biological Systems.
Sam Hess, University of Maine.
- 13.00 Lunch
- 14.00 Spindle-dependent partitioning of the pre-Golgi intermediate compartment during mitosis.
Michaël Marie, University of Bergen
- 14.30 Quantitative Imaging of cell dynamics and communication. Shared talk: *N. Bukoreshtliev, E. Hodneland, University of Bergen.*
- 15.10 Nestin as scaffold for Cdk5 signaling.
Elin Torvaldson, Åbo Academy, University of Turku.
- 15.40 Closing and board meeting.



Nordic Imaging Network