

Cellular and Molecular Imaging Core Facility Seminar

April 21, 2015 in KA12 (Kunnskapssenteret)

www.ntnu.edu/dmf/cmhc

Program

- 11:30-12:00 Lunch at Kunnskapssenteret (KA12)
- 12:00-12:15 Welcome by **Terje Espevik**, scientific leader of CMIC.
- 12:15-12:45 *Pathways to the MHC class I and class II peptide loading compartments*
Oddmund Bakke, Centre for Immune Regulation, Department of Molecular Biosciences, University of Oslo.
- 12:45-13:15 *Correlative light/electron microscopy (CLEM) and electron tomography in studies of intracellular traffic*
Andreas Brech, Centre for Cancer Medicine, Department of Biochemistry, The Norwegian Radium Hospital, Oslo University Hospital.
- 13:15-13:45 *Application of imaging in biopolymer physics group NTNU*
Bjørn Stokke, Department of Physics, NTNU.
- 13:45-14:15 *Diving below the diffraction limit and surfing on evanescent waves*
Kjartan W. Egeberg, Cellular and Molecular Imaging Core Facility and Centre of Molecular Inflammation Research, NTNU.
- 14:15-14:45 **Coffee break**
- 14:45-15:15 *3D volume reconstructions with scanning electron microscopy. New technology, how does it work?*
Johannes van der Want, Department of Laboratory Medicine, Children's and Women's Health, NTNU
- 15:15-15:45 *Investigating the interface between nanostructures and cells using superresolution microscopy*
Kai Sandvold Beckwith, Group of Bionanotechnology, Department of Physics, NTNU.
- 15:45-16:15 *Traffic and signaling: a close relationship in M. avium infected macrophages*
Alexandre Gidon, Centre of Molecular Inflammation Research, NTNU.

