

FRONTIERS IN PROTEIN SCIENCE

6th Workshop in Protein.DTU, 15 November 2011
Building 306, Lecture Hall 31

- 08:30 - 09:00 **Arrival & Breakfast**
- Chair: Birte Svensson (Professor, DTU Systems Biology)
- 09:00 - 09:15 **Welcome by Egon Bech Hansen** (Head of Department, DTU Systems Biology)
- Chair: Peter M.H. Heegaard (Professor, DTU Vet)
- 09:15 - 09:45 **Dirk Zajonc** (Assistant Professor, Division of Cell Biology, La Jolla Institute for Allergy & Immunology, La Jolla, CA, U.S.A.)
"Self, foreign, synthetic: Recognition of structurally distinct glycolipid antigens by invariant Natural Killer T cells"
- Chair: Michael Engelbrecht Nielsen (Associate Professor, DTU Food)
- 09:45 - 10:15 **Magnus Palmblad** (Assistant Professor, Department of Parasitology/Biomolecular Mass Spectrometry Unit, Leiden University, The Netherlands)
"High-throughput proteomics in a high-throughput zebrafish model system"
- Chair: Flemming Jessen (Senior Scientist, DTU Food)
- 10:15 - 10:45 **Isabelle Fournier** (Professor, Laboratoire de Spectrométrie de Masse Fondamentale & Appliquée, Université Lille 1, France)
"Mass spectrometry imaging: from localization to *in situ* identification"
- 10:45 - 11:15 **Coffee Break**
- Chair: Christine Finnie (Associate Professor, DTU Systems Biology)
- 11:15 - 11:45 **Dirk J. Slotboom** (Professor, Biomolecular Science and Technology Institute, University of Groningen, Groningen, The Netherlands)
"Bacterial vitamin uptake"
- Chair: Jenny Emnéus (Professor, DTU Nanotech)
- 11:45 - 12:15 **Simon Ekström** (Associate Professor, Division Nanobiotechnology, Lund University, Sweden)
"Array based nanotechnology for improved throughput and sensitivity in proteomics"
- 12:15 - 13:00 **Lunch**
- Chairs: Kristoffer Almdal, Peter M.H. Heegaard, Charlotte B. Madsen, Birte Svensson
- 13:00 - 14:30 **Poster Session, coffee, drinks and cake**

Chair: Kristoffer Almdal (Professor, DTU Nanotech)

14:30 – 15:00 **Jane Clarke** (Professor, Department of Chemistry, University of Cambridge, U.K.)
"Exploring protein folding landscapes using ensemble and single molecule methods"

Chair: Charlotte Bernhard Madsen (Research Leader, DTU Food)

15:00 – 15:30 **Nathan VerBerkmoes** (Staff Scientist, Chemical Science Division, Oak Ridge National Laboratory, Oak Ridge, TN, U.S.A.)
"Metaproteomics and the human microbiome: insights into health and disease"

Chair: Chair: Birte Svensson (Professor, DTU Systems Biology)

15:30 – 16:00 **Janos Hajdu** (Professor, Laboratory of Molecular Biophysics, University of Uppsala, Sweden)
"Not a promise any longer: X-ray lasers and structural biology get together"

16:00 – 17:00 **Closing and "time for a beer"**