

Celebrating the First Decade 19th Workshop in Protein.DTU

October 21, 2019
Building 101, Lecture Hall Glassalen
DTU Lyngby Campus

- 08:30 – 09:00 **Arrival & Breakfast**
- 09:00 – 09:10 **Welcome**
Bjarke Bak Christensen, Head of Department, DTU Bioengineering
Chair: Birte Svensson, Professor, DTU Bioengineering
- 09:10 – 09:40 ***Recombinant and Engineered Lectins for Research and Diagnostics***
Anne Imberty, Research Director, Centre de Recherches sur les Macromolécules Végétales (CERMAV), Grenoble, France
Chair: Anne S. Meyer, Professor, DTU Bioengineering
- 09:40 – 10:10 ***Mass Spectrometry Approaches to Dynamic Protein Structure: from Disorder to Membrane Pores***
Frank Sobott, Professor, The Astbury Centre for Structural Molecular Biology, University of Leeds, United Kingdom
Chair: Preben Morth, Professor, DTU Bioengineering
- 10:10 – 10:40 ***Solid-state NMR Based Structural Biology***
Antoine Loquet, Group Leader, Institut Européen de Chimie et Biologie (IECB) Université de Bordeaux, France
Chair: Alexander Büll, Professor, DTU Bioengineering
- 10:40 – 11:05 **Coffee Break**
- 11:05 – 11:35 ***Uncovering Protein Function Through Surface Analysis***
Emma Master, Professor, Department of Chemical Engineering and Applied Chemistry, University of Toronto, Canada
Chair: Birte Svensson, Professor, DTU Bioengineering
- 11:35 – 12:15 ***Watching Molecules at Work: Protein Structural Dynamics Revealed by Femtosecond Crystallography***
Thomas Barends, Group Leader, Department of Biomolecular Mechanisms, Max Planck Institute for Medical Research, Heidelberg, Germany
Chair: Peter Heegaard, Professor, DTU Bioengineering
- 12:15 – 12:45 **Lunch and poster viewing**

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- 12:45 – 13:30 **Poster Session, coffee/tea, soft drinks & cake**
Chair: Kristoffer Almdal, Günther Peters
- 13:30 – 14:00 ***Proteins from the Death: Human Evolution Through the Lens of Ancient Proteins***
Frido Welker, Postdoctoral Researcher, Natural History Museum, University of Copenhagen, Denmark
Chair: Ulrich auf dem Keller, Professor, DTU Bioengineering
- 14:00 – 14:30 ***Climbing Up and Down Binding Landscapes: a High-throughput Study of Mutational Effects in Protein-protein Complexes***
Julia Shifmann, Principal Investigator, Alexander Silberman Institute of Life Sciences, Hebrew University Jerusalem, Israel
Chair: Marie S. Møller, Assistant Professor, DTU Bioengineering
- 14:30 – 15:00 ***Protein Folding on the Ribosome***
John Christodoulou, Professor in Biological NMR Spectroscopy, University College London, United Kingdom
Chair: Alexander Büll, Professor, DTU Bioengineering
- 15:00 – 15:20 **Coffee Break**
- 15:20 – 15:50 ***Entropy and Enzyme Adaptation***
Johan Åqvist, Professor, Department of Molecular and Cellular Biology, Uppsala University, Sweden
Chair: Peter Westh, Professor, DTU Bioengineering
- 15:50 – 16:20 ***Exploring Carbohydrate Active Enzymes Diversity***
Bernard Henrissat, Research Director, Architecture et Fonction des Macromolécules Biologiques, Aix-Marseille University, Luminy, France
Chair: Maher Abou Hachem, Professor, DTU Bioengineering
- 16:20 – 17:00 **End of day -“time for a beer” & posters**