

# 14<sup>th</sup> Protein.DTU Workshop

## "Applied Protein Science"

Monday, May 9, 2016

Lecture Hall 51, Building 208 - Kemitorvet, 2800 Kgs. Lyngby

- 08:30 – 09:00 Arrival & Breakfast
- 09:00 – 09:10 **Welcome**  
**Martin P. Bendsøe** (Senior Vice President and Dean, DTU)  
Chair: Birte Svensson (Professor, DTU Systems Biology)
- 09:10 – 09:40 **Polysaccharide Breaking News. Lytic polysaccharide monooxygenases: potential, structures and substrate binding**  
**Leila Lo Leggio** (Associate Professor, KU Chemistry)  
Chair: Maher Abou Hachem (Associate Professor, DTU Systems Biology)
- 09:40 – 10:10 **Recombinant human albumin: Mechanisms behind its use as a versatile stabiliser for hard-to-formulate biopharmaceuticals**  
**Line Abildgaard Ryberg** (PhD student, DTU Chemistry)  
Chair: Günther Peters (Associate Professor, DTU Chemistry)
- 10:10 – 10:40 **Advanced detection of immune reactivity using assembled protein complexes presenting personalized epitopes**  
**Sine Reker Hadrup** (Associate Professor, DTU Vet)  
Chair: Peter Heegaard (Professor, DTU Vet)
- 10:40 – 11:10 **Coffee Break**
- 11:10 – 12:20 **FLASH PRESENTATIONS - 4 min each**  
Chairs: Kristoffer Almdal (Professor, DTU Nanotech)  
Charlotte B. Madsen (Senior Scientist, DTU Food)  
Pernille Harris (Associate Professor, DTU Chemistry)
- 12:20 – 13:30 **Lunch and poster viewing**
- 13:30 – 14 00 **Ultra sensitive detection of Alzheimer disease biomarkers**  
**Martin Dufva** (Associate Professor, DTU Nanotech)  
Chair: Flemming Jessen (Senior Scientist, DTU Food)
- 14:00 – 14:30 **What can high pressure do for protein structure and functionality in food?**  
**Vibeke Orlien** (Associate Professor, KU, Faculty of Science, Ingredient and Dairy Technology)  
Chair: Flemming Jessen (Senior Scientist, DTU Food )
- 14:30 – 15:00 **The structure of dopamine  $\beta$ -hydroxylase: The enzyme that converts dopamine to noradrenaline**  
**Hans Erik Mølager Christensen** (Associate Professor, DTU Chemistry)  
Chair: Pernille Harris (Associate Professor, DTU Chemistry)
- 15:00 – 16:30 **Poster session, coffee and "time for a beer"**  
Chairs: Maher Abou Hachem (Associate Professor, DTU Systems Biology)  
Flemming Jessen (Senior Scientist, DTU Food)  
Peter Heegaard (Professor, DTU Vet)