

18th Protein.DTU Workshop

“Networking for Young Researchers in Protein Science”

Wednesday, May 30, 2018

Building 208, Lecture Hall 53 - Kemitorvet, 2800 Kgs. Lyngby

- 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 **Structural basis for immune modulation with nanobodies**
Gregers Rom Andersen (Professor, Department of Molecular Biology and Genetics, Aarhus University)
Chair: Pernille Harris (Associate Professor, DTU Chemistry)
- 09:40 - 10:10 **Electrochemical communication between bacteria and electrodes**
Lo Gorton (Professor, Department of Biochemistry, LU)
Chair: Maher Abou Hachem (Professor, DTU Bioengineering)
- 10:10 - 10:40 **Probing the structures of native and pathological α -synuclein species by hydrogen/deuterium exchange mass spectrometry**
Thomas J. D. Jørgensen (Associate Professor, Department of Biochemistry and Molecular Biology, SDU)
Chair: Flemming Jessen (Senior Scientist, DTU Food)
- 10:40 - 11:00 **Coffee Break**
- 11:00 - 12:40 **FLASH PRESENTATIONS - 3 min each**
Chairs: Maher Abou Hachem (Professor, DTU Bioengineering)
 Peter Heegaard (Professor, DTU Bioengineering)
 Pernille Harris (Associate Professor, DTU Chemistry)
- 12:40 - 13:30 **Lunch and poster viewing**
- 13:30 - 14:00 **The E3 ubiquitin ligases, inhibitor of apoptosis proteins (IAPs), regulate T cell differentiation and effector functions**
John Rizk (PhD student, DTU Vet)
Chair: Peter Heegaard (Professor, DTU Bioengineering)
- 14:00 - 14:30 **Discovering the role of anti-DNA antibodies in human autoimmunity**
Kira Astakhova (Associate Professor, DTU Chemistry)
Chair: Günther Peters (Associate Professor, DTU Chemistry)
- 14:30 - 15:00 **Fungal laccases: Substrate binding models, reaction trajectories, and reactions on lignin**
Anne S. Meyer (Professor, DTU Chemical Engineering and Bioengineering)
Chair: Kristoffer Almdal (Professor, DTU Nanotech)
- 15:00 - 16:30 **POSTER SESSION, coffee and “time for a beer”**
Chairs: Kristoffer Almdal (Professor, DTU Nanotech)
 Flemming Jessen (Senior Scientist, DTU Food)
 Ole Lund (Professor, DTU Bioinformatics)