

CoLuAa XXVI - 2018 The annual joint structural biology meeting

Venue:

Aarhus Institute of Advanced Studies (AIAS), Aarhus University
Høegh-Guldbergs Gade 6B
8000 Aarhus C

Thursday, November 1

11.30-12.00 Registration

12.00-12.50 Lunch

12.50-13.00 Welcome

Session 1, Chair: Cemre Manav

- 13.00-13.20** *Dennis Pedersen, AU,*
The crystal structure of complement factor P reveals its domain organization and suggests regions important for function
- 13.20-13.40** *Cecilie Thørring Bonnesen, KU,*
Crystallization of receptor-ligand complexes to examine functional selectivity at the 5-HT_{2A} Receptor
- 13.40-14.00** *Uwe Müller, LU,*
The new MX-beamlines at MAX IV
- 14.00-14.20** *Joachim Vilstrup, AU,*
Crystal structure of Human SorCS2
- 14.20-14.40** *Rune Thomas Kidmose, AU,*
NAMDinator - Easy and automatic molecular dynamics flexible fitting of structural models into crystallography and cryo-EM experimental maps
- 14.40-15.20** Coffee break

Session 2, Chair: Sara Basse

- 15.20-15.40** *Inokentij's Josts, University of Hamburg,*
Time-Resolved solution scattering studies of atpase domains from the bacterial lipid flippase MsbA
- 15.40-16.00** *Peter Aasted Paulsen, AU,*
Crystal structure and mechanism of plant sugar transport proteins
- 16.00-16.30** *Michael Gajhede, KU,*
Structural studies of the histone demethylase KDM5B
- 16.30-16.50** *Johanna Hakanpää, EMBL Hamburg,*
Serial synchrotron crystallography at EMBL Hamburg P14 beamline – a pragmatic approach
- 16.50-19.00** Poster session / networking / refreshments
- 19.00-19.30** Public transportation or walk to dinner venue
- 19.30-22.30** Dinner at NO16 (Europaplads 16)

Friday, November 2

Session 3, Chair: Nanda Gowtham Aduri

- 9.00-9.20** *Leila Lo Leggio, KU,*
Molecular mechanism of the TP901-1 lysogeny switch
- 9.20-9.40** *René Lysdal Bærentsen, AU,*
Structural studies of E. coli PpnN - The purine homeostatic dial regulated by (p)ppGpp
- 9.40-10.10** *Derek Logan, LU,*
The long haul: experiences of a newbie in neutron crystallography
- 10.10-10.30** *Saskia Bucciarelli, KU,*
In-house SEC-SAXS for structural investigation of complex samples
- 10.30-11.00** Coffee break

Session 4, Chair: Louise Nikolajsen

- 11.00-11.20** *Milena Laban, AU,*
Structural studies of lipid flippases using cryo-electron microscopy
- 11.20-11.40** *Simon Boje Hansen, AU,*
Structural studies of the Lotus japonicus nod factor receptors kinase domains
- 11.40-12.00** *Tillmann Hanns Pape, KU,*
title TBA
- 12.00-12.20** *Thomas Boesen, AU,*
title TBA
- 12.20-12.40** Awards for best poster and best presentation (Student/Postdocs only)
- 12.40-13.30** Lunch and departure