



AUSBI cryo-EM Afternoon Meeting

Date: Thursday 11 December 2025

Venue: iNANO auditorium (1593-012), Aarhus University, Gustav Wieds Vej 14, Aarhus C

- 12:30 Coffee & poster hang-up (**in the iNANO foyer**)
- **13:00 Introduction of meeting by organizers** (in the iNANO aud.)
- **13:05 Session 1** (in the iNANO aud.)
 - **13:05 Invited speaker [Azadeh Shahsavari](#)**, Dept. Drug Design and Pharmacology, University of Copenhagen
Structural insights into the mechanisms of neurotransmitter transport and inhibition
 - **13:50 [Marlene U. Fruergaard](#)** (Postdoc, Rom Andersen group, Dept. MBG)
Use of CHAPS to improve particle orientation distribution: Examples from soluble protein samples
 - **14:05 [Mads Lykke Justesen](#)** (PhD student, Boesen group, iNANO)
A cryo-electron tomography and subtomogram averaging workflow for studying conductive bacterial filaments
 - **14:20 [Thea Schinkel](#)** (PhD student, Valero group, iNANO)
Reducing orientation bias of aptamer-hCD40L complexes
- **14:35 Break** (in the iNANO foyer)
- **15:00 Session 2** (in the iNANO aud.)
 - **15:00 Invited speaker [Rainer Kaufmann](#)**, University of Hamburg
Development of a dedicated setup for super-resolution cryo-CLEM
 - **15:45 [Thomas Boesen](#)** (Senior researcher, EMBION facility manager, iNANO)
Presenting the [EMBION](#) facility - the National cryo-EM Facility at AU
 - **16:00 [Santana Royan](#)** (Postdoc, Clabbers group, iNANO)
Electron Diffraction of Protein Nanocrystals
 - **16:15 [Emil Dedic](#)** (Postdoc, Røjkjær Andersen group, Dept. MBG)
Optimized workflow for cryo-electron tomography on plant protoplasts
- **16:30 Poster session and pizza** (in the iNANO foyer)
Tour of the cryo-EM facility (EMBION) for those interested
- 17:30 Thanks for today