

## Programme for AUSBI Symposium 2026

**Tuesday 14<sup>th</sup> April 2026 from 9:00-18:00**

Venue: Aarhus Institute of Advanced Studies (AIAS), auditorium (1632-201) and hall (1631-101)

08:30 **Coffee, registration, and poster hanging**

09:00 Welcoming remarks by AUSBI steering group representative

09:10 Opening remarks by **Poul Nissen**, Vice-Dean for Research, Faculty of Natural Sciences

### SESSION I

Chair: Gregers Rom Andersen

09:15 **Michael Lund Nielsen** (30+5 min)

Professor, Dept. Molecular Biology and Genetics, AU

*Regulatory Protein States: Characterising Post-Translational Modifications by Mass Spectrometry*

9:50 **Cagla Sahin** (30+5 min)

Assistant Professor, Dept. Biochemistry and Molecular Biology, SDU  
Research Leader, Dept. Biochemistry and Biophysics, Stockholm University

*A Native Mass Spectrometry Approach to Study Intrinsically Disordered Proteins and their Assemblies*

10:25 **Deniz Bicer** (15+5 min)

PhD student, Dept. Molecular Biology and Genetics, AU

*Fragment Based Active Site Exploration of Plastic Degrading Enzymes at Ambient and Cryogenic Temperatures*

10:45 **Poster session & coffee** (60 min)

*Even poster numbers present*

### SESSION II

Chair: Rasmus Kock Flygaard

11:45 **Nikoline Sanggård Madsen** (15+5 min)

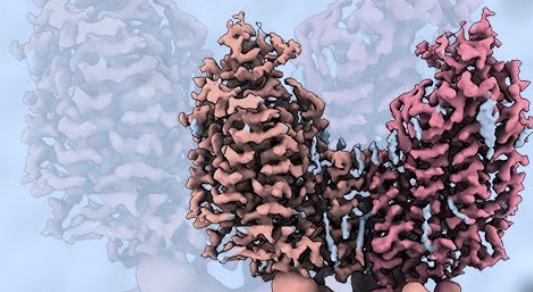
PhD student, Dept. Molecular Biology and Genetics, Center for Electromicrobiology (CEM), AU

*Investigating Putative Cytochrome Electron Pathways in Cable Bacteria*

12:05 **Maciej Gielnik** (15+5 min)

Postdoc, Dept. Molecular Biology and Genetics, AU

*Engineering Intrinsically Disordered Proteins for Protein Stabilization During Freeze-Drying*



12:25 **Group photo**

12:30 **Lunch** (60 min)

### SESSION III

Chair: Thomas Lykke-Møller Sørensen

13:30 **Niels Bent Larsen** (30+5 min)  
Professor, Dept. Health Technology, DTU Health Tech

*Engineering Physiological Oxygen Supply and Gradients in Dense Tissues*

14:05 **Klaus Eyer** (20+5 min)  
Associate professor, Dept. Biomedicine, AU

*Quantifying Immune Function One Cell at a Time: From Its Measurement to Translational Immunology*

14:30 **Kjeld Kaj Klompemaker** (15+5 min)  
PhD student, Dept. Biological and Chemical Engineering, AU

*Biomimetic Graphitic Carbon Nitride Nanoparticles Enable Multiscale Biomodulation*

14:50 **Poster session & coffee** (60 min)  
*Odd poster numbers present*

### SESSION IV

Chair: Michael Westberg

15:50 **Elisabeth A. Sørensen** (15+5 min)  
PhD student, Interdisciplinary Nanoscience Center (iNANO), Center for Cellular Signal Patterns (CellPat), AU

*Nanoscale Precise Stamping of Biomolecule Patterns Using DNA Origami*

16:10 **Alex Snow** (15+5 min)  
Postdoc, Dept. Molecular Biology and Genetics, AU

*A Cell-Free Method to Produce and Study PIN-FORMED Plant Hormone Transporters: Structural and Biophysical Directions*

16:30 Poster prize announcement and closing remarks

16:35 **Drinks and networking**

18:00 Thanks for today