

Programme

Friday 14th of June	
16:30 – 18:00	Conference desk open
18:00 – 19:30	Dinner
	Opening
20:00 – 20:15	Welcome and presentation of The Svedberg prize (The organising committee)
20:15 – 21:00	Presentation from The Svedberg prize awardee
21:00 – 22:00	PI meeting
Saturday 15th of June	
07:00 – 08:45	Breakfast
09:00 – 12:00	Session II: Protein Dynamics Chair: Prof. Magnus Wolf-Watz
09:05 – 09:55	Keynote speaker: Prof. Roland Riek , ETH Zurich <i>Dynamic conformational ensembles of proteins in vitro and in cells</i>
10:00 – 10:20	Alexandra Ahlner , Linköping University <i>Towards better understanding of MYC regulation, focusing on myc boxes 0-II</i>
10:25 – 10:55	Coffee
10:55 – 11:15	Jack Goodman , Umeå University <i>The substrate selectivity of human adenylate kinase 3</i>
11:20 – 11:40	Laura Troussicot , University of Gothenburg <i>NMR, a molecular microscope to characterize the peroxiredoxin-Hsp70 interplay slowing down aging</i>
11:40 – 11:45	Susanna Horsefield , Lund University <i>Intro to Lund Institute of Advance Neutron and X-ray Science</i>
11:45 – 13:15	Lunch
13:15 – 15:10	Session III: Enzymology Chair: Prof. Erik Johansson
13:20 – 14:10	Keynote speaker: Prof. Wei Yang , NIH <i>Structure, assembly and reaction chemistry of the DNA replisome</i>
14:15 – 14:35	Dirk Maurer , Uppsala University <i>Structural basis for sequence-specific DNA binding by the iron-independent transcriptional regulator IdeR from Saccharopolyspora erythraea</i>
14:40 – 15:00	Marco Lorenzi , Uppsala University <i>Turning E. coli into a “photosynthetic” H₂ producing biocatalyst</i>
15:05 – 15:35	Coffee

15:35 – 17	Session IV: Disease and infection Chair: Dr. Anders Olofsson
15:40 – 16:30	Keynote speaker: Prof. Joost Schymkowitz , VIB <i>Targeted protein aggregation</i>
16:35 – 16:55	Marco Lolli , University of Turin <i>Human Dihydroorotate Dehydrogenase (hDHODH) as a new target on Acute Myelogenous Leukemia (AML): Targeting Myeloid Differentiation using Potent and Innovative hDHODH Inhibitors</i>
17:00 – 17:20	Anna Munke , Uppsala University <i>Structure of an algae picorna-like virus and the evolution of Picornaviridae viruses</i>
17:25 – 17:45	Maria Håkansson , SARomics Biostructures <i>The Chase for Virus X - a Pipeline to find Novel Viral Proteins</i>
18:00 – 19:30	Dinner
20:00 – 21:30	Poster Session I (odd numbers)
Ca 21:30 – 02:00	Informal mixer (bar, disco)
Sunday 16th of June	
07:00 – 08:45	Breakfast
09:00 – 11:00	Session V: Membrane proteins Chair: Dr. Ronnie Berntsson
09:00 – 09:45	Keynote speaker: Prof. Karen Fleming , Johns Hopkins University. <i>From chaperones to the membrane with a BAM</i>
09:50 – 10:10	Sofia WH de Maré , Lund University <i>Structural basis for glycerol efflux and selectivity of human aquaporin 7</i>
10:15 – 10:35	Peter Kasson , Uppsala University <i>Refining heterogeneous conformational ensembles of membrane proteins</i>
10:40 – 11:00	Coffee
11:00 – 12:40	Session VI: Electron microscopy Chair: Dr. Lars-Anders Carlsson
11:00 – 11:45	Keynote speaker: Prof. Susan Lea , University of Oxford <i>Bacterial secretion and motility, stories from type 3 and type 9 secretion systems</i>
11:50 – 12:10	Jacob Croft , University of Gothenburg <i>A novel helical structure in the lumen of microtubules in human sperm flagella tips revealed by cryo-electron tomography</i>
12:15 – 12:35	Selma Dahmane , Umeå University <i>In situ structural studies of enterovirus replication using FIB milling and cryo-electron tomography</i>
12:40 – 14:00	Lunch

14:00 – 15:40	Session VII: Hybrid methods Chair: Prof. Elisabeth Sauer-Eriksson
14:00 – 14:45	Keynote speaker: Prof. Kristina Djinovic-Carugo , Max F Perutz Laboratories <i>Structural investigation of striated muscle Z-disks: fuzzy α-Actinin interactome</i>
14:50 – 15:10	Hugo Lebrette , Stockholm University <i>Mn/Fe ribonucleotide reductase by femtosecond crystallography</i>
15:15 – 15:35	Harsha Ravishankar , Umeå University <i>Tracking Ca^{2+} ATPase intermediates in real-time by X-ray solution scattering</i>
15:40 – 16:00	Coffee
16:00 – 18:00	Annual football match
18:00 – 19:30	Dinner
20:00 – 21:30	Poster Session II (even numbers)
Ca 21:30 – 02:00	Informal mixer (bar, disco)
Monday 17th of June	
07:00 – 08:45	Breakfast
07:00 – 11:00	Hotel checkout (luggage storage room available) Take down posters!
09:00 – 11:50	Session VIII: Hot topics Chair: Assoc. Prof. Uwe Sauer
09:00 – 09:45	Keynote speaker: Prof. Tamir Gonen , UCLA <i>MicroED: conception, practice and future opportunities</i>
09:50 – 10:10	Hongyi Xu , Stockholm University <i>Solving the First Novel Structure by Micro-Crystal Electron Diffraction</i>
10:15 – 10:45	Coffee
10:45 – 11:05	Carolin Seefeldt , Uppsala University <i>Single-tRNA tracking reveals the kinetics of erythromycin induced drug resistance in living bacterial cells</i>
11:10 – 11:30	Johannes Thoma , University of Gothenburg <i>In situ NMR spectroscopy of bacterial outer membrane protein OmpA</i>
11:35 – 11:50	Closing of meeting and award of prizes for best presentation and poster
12:00 – 13:00	Lunch