



Structural Biology Finland (FINStruct) and Instruct-ERIC Centre Finland



2023 Annual Meeting

Biocity, Joki Presidentti-auditorium

Tykistökatu 6, Turku

13.10.2023 09:00-17:00



09:00-09:15 Welcome with Coffee/Tea

09:15-10:30 **Session I: Keynote talks**
Chair: TBA

09:15-09:20 Opening words

09:20-09:45 Sarah Butcher, University of Helsinki: Maturation of tick-borne encephalitis virus

09:45-10:10 Ilona Rissanen, University of Helsinki: Recent advances in understanding the molecular architecture of hantaviruses, coronaviruses and rhabdoviruses

10:10-10:35 Veijo Salo, EMBL-Heidelberg: Exploring the 4D space of lipid droplet biogenesis via cryo-correlative light and electron tomography

10:35-11:10 **Poster session:** Scientific and Core Facility posters, coffee/tea

11:10-12:30 **Session II: Services and sponsors**
Chair: Abris Bendes

11:10-11:35 Jani Saarela, FIMM: Drug Discovery and Chemical Biology (DDCB) Network

11:35-12:00 Tobias Krojer, MAX IV, Lund: The FragMAX facility for structure-based drug discovery at MAX IV Laboratory

12:00-12:15 Marc Storms, ThermoFisher: Advances and Frontiers in CryoEM

12:15-12:30 João Pedro Maurício Rosa, Refeyn: Understanding biomolecular behaviour with mass photometry

12:30-14:00 **Lunch break with coffee and posters**
Lunch included is served in BioCity lobby until 13:00

14:00-16:00 **Session III: Structural Biology in Practice**
Chair: TBA

14:00-14:20 Carlos Vela Rodriguez, University of Oulu: Oligomerisation of DTX3L by the D2 domain and its implications in ADPr-reading

14:20-14:40 Vanessa Bensch, University of Helsinki: Molecular glue approach for therapeutic activation of the ER unfolded protein response

14:40-15:00 Henri Malmi, University of Turku: Architecture and functional mechanism of *Acinetobacter baumannii* Csu pili

15:00-16:00 **Session IV: Structural Enzymology**
Chair: TBA

15:00-15:25 Rajaram Venkatesan, University of Oulu: β -oxidation Trifunctional enzyme (TFE): structure, assembly, substrate specificity & substrate channelling

15:25-15:40 Herbert Michlmayr, University of Turku: Detoxification of deoxynivalenol by wheat GSTs

15:40-15:45 Closing words

16:00-17:00 Tour to local facilities and networking over wine and cocktail bites

