

November 23 - 24, 2023 Vienna BioCenter, IMP Lecture Hall

















PROGRAMME

PRUGRAMME			
THURSDAY	, 23RD NOVEMBER 2023	SESSION 3	CHAIR: CLEMENS PLASCHKA
14.00 – 15.00	Registration	11.00 – 11.30	SEBASTIAN KLINGE, Rockefeller University, USA "Witnessing ribosome assembly coming into focus"
15.00 – 15.10	Opening (David Haselbach)	11.30 – 11.45	ABSTRACT TALK T5 – HELMUT BERGLER, University Graz, AT "Hierarchy of rRNA domain folding in early 90S pre-ribosomal particles /
SESSION 1	CHAIR: FLORIAN SCHUR		SSU processome"
15.10 – 15.40	TZVIYA ZEEV-BEN MORDEHAI, Utrecht University, NL "'Cellular' single particle analysis reveals sperm flagellum molecular diversity and evolution"	11.45 – 12.00	ABSTRACT TALK T6 – YESHVEER SINGH, John Innes Centre, UK "Bimodular architecture of bacterial effector SAP05 drives ubiquitin-independent targeted protein degradation"
15.40 – 15.55	ABSTRACT TALK T1 - MEG LOVATT, University of Leeds, UK "From engram to tomogram: the in-tissue molecular architecture of synapses in memory circuits"	12.00 – 12.15	ABSTRACT TALK T7 – SARAH PETERL, Heidelberg University, DE "Cryo-electron tomography reveals structural details of pleomorphic influenza A virus entry mechanisms"
15.55 – 16.10	ABSTRACT TALK T2 – HO THUY DUNG NGUYEN, Human Technopole, IT "Advancing in situ cryo-ET to the next dimension: tomography on organoids"	12. 15 – 12.30	ABSTRACT TALK TB - GURUDATT PATRA, University of Strasbourg, FR "Cryo correlative light and electron tomography of mitotic chromosomes reveals condensin localization."
16.10 – 16.40	MICHAEL GRANGE, Rosalind Franklin Institute, UK "In-tissue structural biology and multimodality using plasma FIB/SEM"	12.30 – 12.45	ABSTRACT TALK T9 – GUENDALINA MARINI, CSSB, DE "Structural journey of an insecticidal protein against western corn rootworm"
16.40 – 18.30	Poster Session 1 (odd numbers) + Wine and Cheese	12.45 – 13.05	SPONSOR TALK – REBECCA THOMPSON (Thermo Fisher) "Challenges and Frontiers in CryoEM"
FRIDAY, 24TH NOVEMBER 2023		13.05 – 15.00	Lunch + Poster Session 2 (even numbers)
SESSION 2	CHAIR: DAVID HASELBACH	CECCION 4	CHAIR: CARRIE BERNECKY
09.00 – 09.30	ARNE MÖLLER, University of Osnabrück, DE "CryoEM Analyses of ABC Transporters under the influence of substrates, ligands and lipids"	15.00 – 15.30	ALICIA MICHAEL, Biozentrum, Basel CH/IST Austria, AT "Capturing transcription factors in their native chromatin environment"
09.30 – 09.45	ABSTRACT TALK T3 – CIARA PUGH, University of Copenhagen, DK "MAASTY: A (dis)ordered copolymer for structural determination of human	15.30 – 15.45	ABSTRACT TALK T10 – PATRICIA ROTHE, IMP, AT "An integrative model of the human intron-lariat spliceosome (ILS")
09.45 – 10.00	membrane proteins in native lipid nanodiscs." ABSTRACT TALK T4 – LUKAS SUSAC, Goethe University Frankfurt, DE	15.45 – 16.00	ABSTRACT TALK T11 – ANGEL VERGARA CRUCES, John Innes Centre, UK "Structure of the Plant Plastid-Encoded RNA Polymerase"
	"Structure of a fully assembled tumor-specific T cell receptor ligated by pMHC"	16.00 – 16.15	ABSTRACT TALK T12 – WOLFRAM SEIFERT DAVILA, EMBL, DE
10.00 – 10.30	GUILIA ZANETTI, Birkbeck College, UK "Mechanisms of COPII-mediates membrane remodelling"		"Cryo-EM structures of human and yeast TFIIIC reveal a multi-step mechanism for tRNA gene promoter recognition"
10.30 – 11.00	Coffee Break	16.15 – 16.45	DONG SI , University of Washington, USA - (remote) "Fast, Accurate, and Fully Automated Macromolecular Complex Structure Modeling from 3D Cryo-EM"

16.45 - 17.00

Reception

17.00

Closing remarks and Awards (Thomas Heuser)