

PROGRAM

Opening Symposium Core Facility for Cryo-Electron Microscopy of Charité – Universitätsmedizin Berlin at Max Delbrück Center

Friday, 15th September 2023 | MDC.C - AXON 1

SCIENTIFIC SYMPOSIUM MORNING SESSION	
Chair: Mikhail Kudryashev	
09:00	Welcome Christian Spahn, Charité- Universitätsmedizin Berlin
09:15	Protein folding, unfolding and disaggregation by Hsp60 and Hsp70 chaperones Helen Saibil, Birkbeck, University of London
10:00	Breaking Borders - implications for cryoEM Tarek Hilal, FU Berlin
10:20	Coffee Break
10:40	A viral guide to the cell by integrative structural biology Kay Grünewald, CSSB Hamburg
11:10	Investigation of a mitochondrial intermembrane space protein complex with relevance for bioenergetics and disease David Schwefel, TU Berlin
11:30	Structure and conformational variability of RyR1 in native membrane Vasilii Mikirtumov, Max Delbrück Center, Berlin
11:50	Understanding the molecular mechanisms of Fusobacterium nucleatum attachment to the human colon via the bifunctional adhesin Fap2 Felix Schöpf, FMP, Berlin
12:10	Lunch

PLEASE NOTE THAT THIS PART OF THE EVENT WILL BE HELD IN GERMAN

OPENING OF FACILITY / NAMING OF RESEARCH BUILDING 94.2

Chair: Christoph Diebolder

13:00	Begrüßung Christoph Diebolder, Charité- Universitätsmedizin Berlin
13:10	Dr. I. Dietrich - Physikerin, Stifterin und Mensch Svetlana Marian, Isolde-Dietrich-Stiftung
13:25	Einrichtung einer State of the Art Facility für in situ kryo-Elektronentomographie Thiemo Sprink, Max Delbrück Center, Berlin
13:40	Eröffnung des Isolde-Dietrich-Hauses Holger Gerhardt, Max Delbrück Center, Berlin
13:45	Eröffnung der CFcryo-EM Christian Hagemeyer, Charité- Universitätsmedizin Berlin
13:50	Feierliche Eröffnung Holger Gerhardt, Max Delbrück Center Berlin & Christian Hagemeyer, Charité- Universitätsmedizin Berlin
14:00	Facility Tour Metaxia Stavroulaki, Charité- Universitätsmedizin Berlin
SCIENTIFIC SYMPOSIUM AFTERNOON SESSION Chair: Daniel Roderer	
14:30	Tale of a Tail - Structural Insights into Protein Biogenesis in the ER Friedrich Förster, Utrecht University
15:00	Eukaryotic translation visualized in situ Magdalena Schacherl, Charité- Universitätsmedizin Berlin
15:20	Latest updates for Smart EPU and Tomography software: Increasing automation and ease of use for Cryo-EM data acquisition Julio Ortiz, Thermo Fisher Scientific
15:40	Coffee Break
16:00	Bacteriophages revisited: Zooming in on structurally elusive aspects of phage-host interactions Ariane Briegel, Leiden University
16:30	TBA Patrick Scheerer, Charité- Universitätsmedizin Berlin
16:50	En route to the molecular anatomy of whole organisms using Cryo-ET Jürgen Plitzko, MPI Martinsried
17:20	Closing Oliver Daumke, Max Delbrück Center, Berlin
17:30	BBQ, Posters & Facility Tours