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CANCER RESEARCH CENTER
IN THE HELMHOLTZ ASSOCIATION



Mini-Symposium „Mechanisms of co-translational protein assembly”

Thursday, June 6th, 2024

10:00 – 18:00

Marsilius Kolleg (INF 130.1)

Program

10:00 – 10:05	Welcome remarks
10:05 – 11:05	Prof. Dr. Christine Mayr – Gerstner Sloan Kettering Institute, New York, USA “How the location of protein synthesis controls protein function”
11:05 – 11:25	Manuel Günnigmann – ZMBH, Heidelberg University, Germany “The nascent chain interactome of human Hsp70 and Hsp90 chaperones”
11:25 – 11:45	Koji Ishikawa – ZMBH, Heidelberg University, Germany “Novel role for a ribosome associated chaperone in co-translational folding”
11:45 – 12:05	Dhawal Choudhary, AMOLF Institute, Amsterdam, The Netherlands “Polyubiquitin conformational dynamics induced by Cdc48”
12:05 – 13:30	break and informal discussion
13:30 – 14:30	Prof. Dr. Emmanuel Levy – Weizmann Institute of Science, Rehovot, Israel “Structural determinants of co-translational protein complex assembly”
14:30 – 14:50	Sara Carrillo Roas – MRC Laboratory of Molecular Biology (LMB), Cambridge, UK, “Quality control of protein complex assembly”
14:50 – 15:30	Prof. Dr. Sander Tans – AMOLF Institute, Amsterdam, The Netherlands “Predictive mechanisms of co-translational chaperone function”
15:30 – 16:00	Break
16:00 – 17:00	Prof. Dr. Elke Deuerling – University of Konstanz, Germany “Principles of Sensing, Sorting, and Processing of Newly Synthesized Proteins”
17:00 – 17:30	Denis Yudin, ETH Zürich, Switzerland “NAC orchestrates N-terminal protein processing in a cotranslational multienzyme complex”

Hosts:

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