Linderstrøm-Lang Symposium 2022

Frontiers in Protein Science

Friday November 18, 2022

Linderstrøm-Lang Centre for Protein Science
Department of Biology, University of Copenhagen
Lundbeck Foundation Auditorium, Copenhagen Biocenter,
Ole Maaløes Vej 5, 2200 Copenhagen N

PROGRAM

08:30 – 09:00 Breakfast snack and poster set-up

09:00 – 09:05 Jakob Winther (Linderstrøm-Lang Centre)
Welcome

Session 1  Chair: Martin Willemoës (Linderstrøm-Lang Centre)

09:05 – 09:45 Martin Marek (Masaryk University, Brno, Czech Republic)
The molecular principle of Renilla-type luciferases

09:45 – 10:25 Barbara Ann Halkier (University of Copenhagen,)
Transporters moving metabolites across membranes are key controllers of agronomic traits

---

10:25 – 10:50 Coffee Break + Poster viewing

---

Session 2  Chair: Henriette Autzen (Linderstrøm-Lang Centre)

10:50 – 11:30 Anna Louise Duncan (Aarhus University/University of Oxford)
The importance of nanoscale interactions in the mesoscale organisation of membrane proteins
11:30 – 12.10 Bjørn Panyella Pedersen (Aarhus University)
Structures and mechanism of the plant auxin transporter essential for plant growth

---

12:10 – 13:30 Lunch + Posters

---

Session 3  Chair: Kresten Lindorff-Larsen (Linderstrøm-Lang Centre)
13:30 – 14:10 Andreas Plückthun (Universität Zürich, Switzerland)
Binding proteins: Design of Evolution and Evolution of Design

---

14:10 – 14:40 Coffee Break + Poster viewing

---

Session 4  Chair: Birthe B. Kragelund (Linderstrøm-Lang Centre)
14:40 – 15:20 Michael Sattler (Technische Universität München, Germany)
Dynamic regulation of Hsp90 client recognition and processing

15:20 – 16:00 Alexander Buell (Technical University of Denmark)
The kinetics and thermodynamics of protein phase transitions – from nanoscale clusters to fibrils

---

16:00 – 18:00 End of day - Beer, Snacks & Posters

The Danish scientist Kaj Ulrik Linderstrøm-Lang (1896-1959) was one of the most influential pioneers in the area of protein structure and function from the 1940’s until his death in 1959. Among his lasting contributions to protein chemistry are the terms primary, secondary and tertiary structure. The Linderstrøm-Lang Centre for Protein Science at the University of Copenhagen seeks follow in the footsteps of the research pioneered by Linderstrøm-Lang investigating protein structure, function and dynamics on a number of levels.