



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: Karen Skriver (Linderstrøm-Lang Centre)

09:05 – 09:45 **Martin Toul** (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 **Anja Fuglsang** (University of Copenhagen)
The plant plasma membrane H⁺-ATPase - an enzyme responding to a number of signals



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

16:40 – 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.