



Linderstrøm-Lang Symposium 2019  
**Protein folding and stability**  
**- from molecules to disease**

Tuesday November 12, 2019

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

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

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

**Session 1**      **Chair: Kresten Lindorff-Larsen (Linderstrøm-Lang Centre)**

09:05 – 09:40 **Xavier Salvatella** (IRB Barcelona, ES)  
*Cooperative folding of polyglutamine helices in transcriptional regulators*

09:40 – 10:15 **Claus Wilke** (University of Texas, Austin, US)  
*The unreasonably good performance of covariation methods for the prediction of structural contacts*

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10:15 – 10:40 Coffee Break + Poster viewing

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**Session 2**      **Chair: Lars Ellgaard (Linderstrøm-Lang Centre)**

10:40 – 11:15 **Bernd Bukau** (University of Heidelberg, DE)  
*Mechanisms of folding and assembly of newly synthesized proteins*

11:15 – 11:50 **Rina Rosenzweig** (Weizmann Institute of Science, IL)  
*The true tales of the flexible tails - Interaction of J-domain proteins with Hsp70 chaperones*

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12:00 – 12:40 **Lunch + Posters**

12:40 – 13:15 Poster session

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**Session 3      Chair: Birthe B. Kragelund (Linderstrøm-Lang Centre)**

13:15 – 13:50 **John Kuriyan** (University of California, Berkeley, US)  
*Activation Mechanism of RAF Kinase*

13:50 – 14:25 **Lila Gierasch** (University of Massachusetts, Amhurst, US)  
*The Versatile and Multifunctional Allosteric Hsp70 Chaperone*

14:25 – 15:00 **Henriette Autzen** (University of California, San Francisco, US)  
*Development of native lipid nanodiscs for keeping membrane proteins feral*

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15:00 – 15:30 Coffee Break + Poster viewing

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**Session 4      Chair: Kaare Teilum (Linderstrøm-Lang Centre)**

15:30 – 16:05 **Tanja Kortemme** (University of California San Francisco, US)  
*Encoding of cellular multi specificity by a model molecular switch*

16:05 – 16:40 **Philip Romero** (University of Wisconsin, Madison, US)  
*Data-driven protein modeling and design*

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16:40 – 18:00 End of day - Beer, Snacks & Posters

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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.