



Linderstrøm-Lang Symposium 2018  
**Protein order and disorder**

Friday November 16, 2018  
Auditorium 1, August Krogh Building  
Universitetsparken 13, 2100 Copenhagen Ø

Organizers: Birthe Kragelund, Kresten Lindorff-Larsen, Lars Ellgaard, Kaare Teilum,  
Amelie Stein, Sine Lo Svenningsen and Jakob Winther  
*Linderstrøm-Lang Centre for Protein Science*

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

09:00 – 09:05 **Jakob Winther** (University of Copenhagen)  
*Welcome*

Session 1 Chair: Birthe Kragelund

09:05 – 09:40 **Ben Schuler** (University of Zürich, Switzerland)  
*Single-molecule spectroscopy of protein order and disorder*

09:40 – 10:15 **Ylva Ivarsson** (Uppsala University, Sweden)  
*Identification of motif-based interactions and phosphorylation-switches on proteome-wide scale*

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

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**Session 2** Chair: Kresten Lindorff-Larsen

10:40 – 11:15 **Fyodor Kondrashov** (IST, Vienna, Austria)  
*Complex epistatic interactions in protein evolution.*

11:15 – 11:50 **Magnus Kjærgaard** (Århus University, Denmark)  
*Quantifying the functions of flexible protein linkers: Effects on catalysis and avidity*



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12:00 – 12:40     **Lunch + Posters**

12:40 – 13:15     Poster session

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**Session 3**             Chair: Lars Ellgaard

13:15 – 13:50     **Ora Furman** (Hebrew University Jerusalem, Israel)

*SMS (short-motif-sequence) - mediated communication in protein interactions*

13:50 – 14:25     **Kristian Strømgaard** (University of Copenhagen, Denmark)

*Mapping and modulation of protein-protein interactions*

14:25 – 15:00     **Peter Westh** (Technical University of Denmark)

*Kinetics and design of cellulases: eccentricities of interfacially active enzymes*

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

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**Session 4**             Chair: Sine Lo Svenningsen

15:30 – 16:05     **Sarah Woodson**, (Johns Hopkins University, USA)

*Disordered extensions help a chaperone keep small RNAs in line*

16:05 – 16:40     **Mart Loog**, (University of Tartu, Estonia)

*A linear multisite phosphorylation code controls the cell cycle progression*

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16:30 – 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.