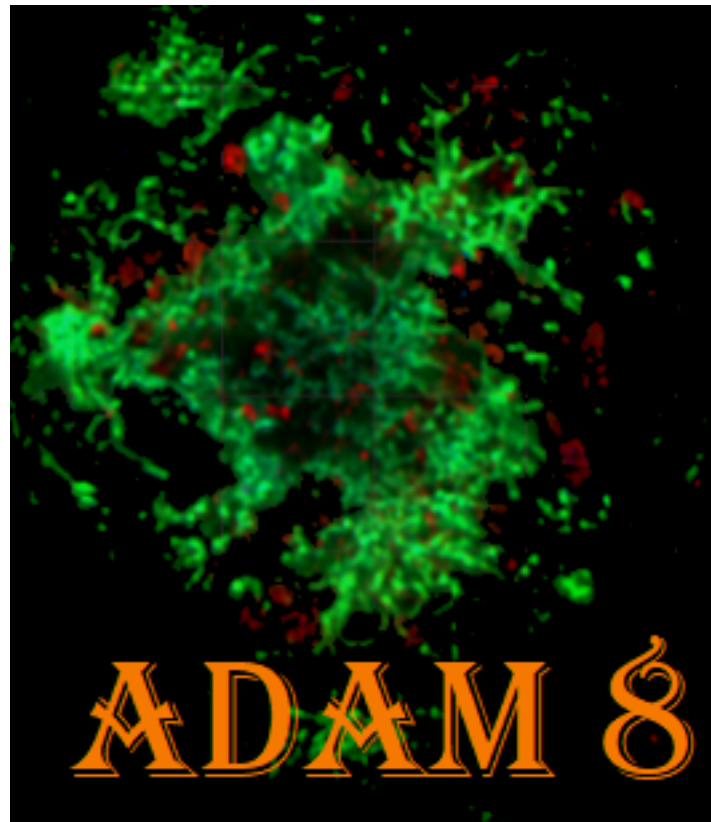


AMYLOID DISEASES AND AMYLOID MECHANISMS



Wednesday, August 28, 2019 - Friday, August 30, 2019

Lund, Sweden

PROGRAM

X-rays and neutrons in amyloid research.

"Structural studies of prefibrillar intermediates and amyloid fibrils" **Annette Eva Langkilde**, University of Copenhagen

"A molecular mechanism for transthyretin amyloidogenesis" **Trevor Forsyth**, Institut Laue Langevin and France and Keele University

"Insights into molecular mechanisms of self-assembly of amyloids in presence of metals" **Yifat Miller**, Ben-Gurion University of the Negev

Amyloid structures. Functional amyloids.

"Can high-resolution fibril structures facilitate mechanistic understanding and inhibitor design?" **Sara Linse**, Lund University

"Nanoscale chemical imaging of protein aggregates in native and physiological liquid environment" **Simone Ruggeri**, Cambridge University

"Protein-Lipid Co-assembly in Amyloid Formation" **Emma Sparr**, Lund University

"Amyloid protein-membrane interactions: the influence of lipid composition on the kinetics of aggregation" **Céline Galvagnion**, University of Copenhagen

"Bacterial amyloids: Formation and function" **Daniel Otzen**, Aarhus University

Mechanisms of amyloid diseases.

"Mechanisms of synucleinopathies" **Poul Henning Jensen**, Aarhus University

"In-vitro cross-reactivity of Parkinson's disease protein" **Pernilla Wittung-Stafshede**, Chalmers University of Technology

"Alzheimer's beta-amyloid: from normal biology to disease" **Gunnar Gouras**, Lund University

Amyloids in diagnostics and treatment

"Tau pathology in AD: studies using fluid and imaging biomarkers" **Niklas Mattsson**, Lund University

Drugs and drug delivery systems to target amyloids