

Mini-symposium

VILLUM Center for Bioanalytical Sciences

supported by the VILLUM Foundation

Thursday September 27, 2018, 13:00 – 16:00

University of Southern Denmark

BMB seminar room (Entrance O)

This minisymposium celebrates the establishment and activities of VILLUM Center for Bioanalytical Sciences at SDU. We hope to see you at the symposium to discuss ongoing and future projects and interdisciplinary collaborations with colleagues from across our faculty.

This year we invited professor Poul Nissen from Aarhus University to present research and developments in structural biology, including cryo-electron microscopy (cryoEM) characterization of membrane proteins and protein complexes. Poul Nissen is an international leader in structural biology of membrane proteins and he is playing important roles in establishing and coordinating the Danish research infrastructure for nano-structure elucidation.

SDU researchers will present a variety of projects supported by the advanced instrumentation within the research infrastructure of the VILLUM Center for Bioanalytical Sciences.

PROGRAM

- 13:00** **Welcome, status of VILLUM research infrastructure:** Ole Nørregaard Jensen, director
- 13:10** **Plenary lecture:** Poul Nissen, Aarhus University
Structural biology of membrane proteins, now and ahead
- 14:00** **Coffee break**
- 14:20** **Brage S. Andresen, SDU Dept. Biochemistry and Molecular Biology**
RNA splicing and disease – A global approach
- 14:40** **Eva Arnsfang Christensen, SDU Dept. Chemical Eng., Biotech. & Environm. Tech.**
Nano-domains and uptake of nano particles studies by live cell and photoactivated localization microscopy
- 15:00** **Martin Hermansson, SDU Dept. Biochemistry and Molecular Biology**
Dynamic lipidomics
- 15:20** **Richard Röttger, SDU Dept. Mathematics and Computer Science**
A Call for Computational Systems Medicine
- 15:40** **Closing remarks and Refreshments**