CoLuAa 2013

Wednesday 25 September 2013 - Thursday 26 September 2013

Lund University, Lund

Programme

Wednesday 25/9

13:00 - 13:30

Registration

13:30 - 15:30

Session 1

13:30 - 13:35

Welcome

13:35 - 14:20

Ribosomal RNA modification - structural and functional insights

Maria Selmer, Uppsala University

14:20 - 14:40

The catalytic subunit of an anaerobic ribonucleotide reductase: What binds where?

Oskar Aurelius, Lund University

14:40 - 15:00

Principles of transition metal selectivity and transport in P1B-type ATPAses

Gabriele Meloni, Aarhus University

15:00 - 15:20

From Lipid Mesophases to Membrane Protein Structures

Joseph Lyons, Aarhus University

15:20 - 16:00

Coffee break & Poster Session

16:00 - 17:50

Session 2

16:00- 16:30

Getting better MX data with photon counting pixel detectors

Clemens Schulze-Briese, Dectris AG

16:30- 16:50

Structural studies on the complement component C4

Sofiia Sirotkina, Aarhus University

16:50- 17:10

Structural insights into superantigenic T cell activation

Karin Rödström, Lund University

17:10- 17:30

Structural biology reveals binding modes of superantigen SEE to TCR

Paulina Regenthal, Lund University

17:30- 17:50

Towards crystallization of the

H3K4me3 specific histone demethylase KDM5B

Line Hyltoft Kristensen, University of Copenhagen

18:00 - 19:00

Walk / Transport to Chemical Center

19:00 - 22:00

Dinner at Chemical Center

Thursday 26/9

09:00 - 10:00

Session 3

09:00 - 09:20

MX at MAX-lab and MAX IV

Marjolein Thunnissen, Lund University

09:20 - 09:40

Macromolecular crystallography at the European Spallation Source

Esko Oksanen, European Spallation Source

09:40 - 10:00

Improvements of the packing, isotropy and electron density of glypican-1 crystals by controlled dehydration using the HC1 machine

Wael Awad, Lund University

10:00 - 11:00

Coffee break and poster session

11:00 - 12:30

Session 4

11:00 - 11:20

Fic – an AMPylator from *Clostridium difficile*

Ditte Welner, Statens Serum Institut

11:20 - 11:40

Hemoglobin Piracy by Trypanosome Parasites

Kristian Stødkilde-Jørgensen, Aarhus University

11:40 - 12:00

Structural characterization of CI repressor from TP901-1 by complementary techniques

Kim Krighaar Rasmussen, University of Copenhagen

12:00 - 12:30

The beginning of X-ray crystallography. The Nobelprizes to von Laue and the two Bragg's

Anders Liljas, Lund University

12:30 - 13:30

Lunch

13:30 - 15:30

Visit of the MAX IV site (pre-registration)