

PROGRAMME SCHEDULE

Tuesday 15th May – Thon Hotel Opera, room “Kvinten”

- 1000-1130: Registration
- 1130-1230: Lunch
- 1230-1240: Welcome (Cathrine Rein Carlson, Institute for experimental medical research (IEMR), Oslo University Hospital)
- 1240-1430: Session 1 – Heparan sulfate proteoglycans in health and disease, part I**
Chair: Kate Herum (University of Copenhagen, DK)
- 1240-1315: John Couchman (University of Copenhagen, DK)
Syndecan regulation of calcium channels - what lies downstream?
- 1315-1350: Ann Canfield (University of Manchester, UK)
Regulation of vascular smooth muscle cell calcification by syndecan-4/FGF-2/PKC α signalling and cross-talk with TGF β
- 1350-1410: Andreas Romaine (IEMR, Oslo University Hospital, NO)
Proteoglycan-integrin synergy in heart disease
- 1410-1430: Sabrina Bech Mathiesen (IEMR, Oslo University Hospital, NO)
The syndecan interactomes
- 1430-1500: Coffee, mineral water, sweets and fruits**
- 1500-1650: Session 2 – Heparan sulfate proteoglycans in health and disease, part II**
Chairs: Sissel Rønning & Mona Pedersen (Nofima, NO)
- 1500-1535: James Whiteford (Queen Mary University of London, UK)
A major role for Syndecan-4 in pathological angiogenesis
- 1535-1610: Addolorata Pisconti (University of Liverpool, UK)
Syndecan-3 in muscle stem cells: a tale of many functions
- 1610-1630: Katalin Dobra (Karolinska Institutet, SE)
Molecular targets and signaling pathways regulated by nuclear translocation of syndecan-1
- 1630-1650: Jacob van den Born (University of Groningen, NL)
Heparan sulfate proteoglycans modulate renal inflammation and fibrosis
- 1900: Conference dinner at Stock Spiseri & Drikkeri, Barcode (5 minutes' walk)**

Wednesday 16th May – Thon Hotel Opera, room “Kvinten”

0830-1045: Session 3 – Biosynthesis, turnover and regulation

Chair: Svein Olav Kolset (Institute of Basic Medical Sciences, Oslo University)

0830-0905: Yoshi Itoh (University Of Oxford, UK)

MT1-MMP: an enzyme modulating and being modulated by cellular microenvironment

0905-0925: Marie Kveiborg (University of Copenhagen, DK)

Loss of ADAM9 expression impairs b1 integrin endocytosis, focal adhesion formation and cancer cell migration

0925-0945: Anders Aspberg (Lund University, SE)

Identifying interactions of disease-linked aggrecan variants

0945-1005: Lena Kjellen (Uppsala University, SE)

NDSTs in heparan sulfate biosynthesis

1005-1025: Gunnar Pejler (Uppsala University, SE)

Mitogen-activated protein kinase signaling regulates proteoglycan composition of mast cell secretory granules

1025-1045: Oskar Rosmark (Lund University, SE)

Time-resolved proteomic characterization of ECM remodelling in human lung scaffold

1045-1115: Coffee, mineral water, sweets and fruits

1115-1300: Session 4 – New technologies and therapeutic strategies

Chairs: Sabrina Bech Mathiesen & Cathrine Rein Carlson (IEMR, Oslo University Hospital)

1115-1150: Manuel Mayr (Kings College London, UK)

The Extracellular Matrix Revisited: A Proteomics Approach

1150-1210: Mona Pedersen (Nofima, NO)

Biomaterial and the use in tissue regeneration

1210-1230: Hellyeh Hamidi (University of Turku, FI)

Cell-derived matrices - complex 3D microenvironments to study cellular processes

1230-1250: Simon Glerup (Aarhus University, DK)

Heparan sulfate proteoglycans present PCSK9 to the LDL receptor

1250: Close of Nordic Proteoglycan Workshop 2018

1300-1400: Lunch

1400: Departure

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