

## **PROGRAMME SCHEDULE**

### **Tuesday 15<sup>th</sup> May – Thon Hotel Opera, room “Kvinten”**

- 1000-1130: Registration**
- 1130-1230: Free lunch at Thon Hotel Opera**
- 1230-1240: Welcome (Cathrine Rein Carlson, Institute for Experimental Medical Research (IEMR), Oslo University Hospital, NO)
- 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/PKCa signalling and cross-talk with TGF $\beta$*
- 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 – what can be learned about syndecan-2 and -4 in the heart?*
- 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: Dada 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 16<sup>th</sup> 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: Gunnar Dick (University of Oslo, NO)

*Aggrecan in neuronal plasticity*

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 Meeting 2018 (Mona Pedersen, NOFIMA, NO)

**1300-1400: Free lunch at Thon Hotel Opera and departure**