



Joint Nordic Extracellular Matrix Biology meeting **March 14-15th, 2019**

Thursday 14th March

11.00-13.00: Registration

12.00-13.00: Lunch

13.00-13.05: Welcome

Chair: Christian Couppe from ISMB, Bispebjerg Hospital, Denmark

13.05-13.40: Michael Kjær (Bispebjerg Hospital, Denmark)

"Collagen turnover in connective tissue - adaptation to mechanical loading"

13.40-14.55: Session 1: ECM components – Collagens

Chair: Niels Behrendt from BRIC, University of Copenhagen, Denmark

13.40-14.10: Taina Pihlajaniemi (University of Oulu, Finland)

"Collagen XVIII in stem cell niches and tumourigenesis"

14.10-14.25: Jarkko Koivunen (University of Oulu, Finland)

"Collagen XIII-derived ectodomain regulates bone angiogenesis and intracortical remodeling"

14.25-14.40: Kati Drushinin (University of Oulu, Finland)

"Collagen prolyl 4-hydroxylation in collagen fibril formation, matrix organization and injury response in mouse skin"

14.40-14.55: Alexander Lynge Reese-Petersen (Nordic Bioscience A/S, Denmark)

"Myocardial fibrosis is reflected by two novel biomarkers of collagen formation in patients with cirrhosis: results from a prospective study with advanced cardiac MRI"

14.55-15.20: Coffee break

15.20-17.00: Session 2: ECM as a regulator of cell biology

Chair: Abbas Jafari from DanStem, University of Copenhagen, Denmark

15.20-15.50: Anant Mamidi (University of Copenhagen, Denmark)



“ECM-Integrin mechano-signaling coordinates fate decisions of pancreatic progenitors”

15.50-16.15: Abbas Jafari (University of Copenhagen, Denmark)

“Legumain regulates fate specification of human skeletal stem cells through degradation of the ECM protein fibronectin”

16.15-16.30: Dorota Kuczek (Herlev Hospital, Denmark)

“Collagen density regulates the activity of tumor-infiltrating T cells Selected talk from submitted abstracts”

16.30-16.45: Henrik Jessen Jürgensen (University of Copenhagen, Denmark; NIH, Bethesda, USA)

“Fibroblasts act as cellular immune-regulators through the clearance of collectins mediated by the matrix-associated receptor, uPARAP”

16.45-17.00: Chloé Yeung (Bispebjerg Hospital, Denmark)

“Circadian-regulated exosome release by tendon fibroblasts: a mechanism for matrix remodelling?”

17:00-18:30: Poster session 1 (even numbers)

19:00 – conference dinner

Friday 15th March

09.00-10:30: Session 3: ECM components - Proteoglycan

Chair: Marie Kveiborg from BRIC, University of Copenhagen, Denmark

09.00-09.35: John Couchman (University of Copenhagen, Denmark)

“The syndecan-cadherin connection”

09.35-10.00: Sissel B. Rønning (Nofima AS, Norway)

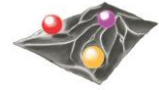
“Syndecan-4 promotes myofibre growth and regeneration via multiple pathways”

10.00-10.15: Sabrina Mathiesen (University of Oslo, Norway)

“The cardiac syndecan-4 interactome: A role for syndecan-4 in nuclear translocation of muscle”

10.15-10.30: Sandeep Gopal (Monash University, Australia)

“A Syndecan-TRP Channel Axis in Transcriptional Regulation”



10:30-11:00: Coffee break

11:00-12:30: Session 4: ECM in tissue remodeling

Chair: Christine Chuang from BMI, University of Copenhagen, Denmark

11.00-11.35: Clair Baldock (University of Manchester, UK)

“ADAMTS10 mediated assembly and tissue organisation of Fibrillin microfibrils”

11.35-12.00: Alejandro Mayorca (University of Copenhagen, Denmark)

“How humans are made: mapping the structure of the human extracellular matrix”

12.00-12.15: Jean Farup (Aarhus University, Denmark)

“Identification and characterization of fibro-adipogenic progenitors in human skeletal muscle”

12.15-12.30: Christine Chuang (University of Copenhagen, Denmark)

“Characterisation of extracellular matrix in human atherosclerotic lesions”

12:30-13:00: Lunch (**DSMB AGM**)

13:00-14:15: Poster session 2 (odd numbers)

14:15-16:00: Session 5: ECM in cancer and fibrosis

Chair: Daniel Madsen from Herlev Hospital, Copenhagen, Denmark

14.15-14.50: Staffan Strömblad (Karolinska Institutet, Sweden)

“Novel cell-matrix adhesion complex structures”

14.50-15.15: Morten Karsdal (Nordic Bioscience A/S, Denmark)

“The good and the bad collagens including their novel signaling functions in fibrosis and cancer”

15.15-15.30: Guillaume Jacquemet (University of Turku and Åbo Akademi University, Finland)

“Filopodia and the metastatic cascade”

15:30-15.45: Sebastian Gnosa (University of Copenhagen, Denmark)

“Unravelling the ADAM17 regulation by PP2A-B56 and its impact in cancer”

15:45-16.00: Award presentations and closing