

Minisymposium**Microenvironmental Cues in Regeneration, Ageing, and Inflammation**

Time **December 16-17, 2013**

Place **University of Oulu, Medical Campus, Lecture Hall F202, Aapistie 5B**

Organizer **Biocenter Oulu**

Supported by **NorIMM, Nordic Infrastructure for Mouse Models**

Monday 16.12.2013

13.00-13.10 *Opening*

Taina Pihlajaniemi, Univ. of Oulu

13.10-13.40 *Lysyl oxidase regulates the balance between myofiber and the extracellular matrix*

Peleg Hasson, Technion - Israel Institute of Technology

13.40-14.10 *Severe extracellular matrix abnormalities and chondrodysplasia in mice lacking collagen prolyl 4-hydroxylase isoenzyme II in combination with a reduced amount of isoenzyme I*

Antti Salo, Centre for Cell-Extracellular Matrix Research, Biocenter Oulu, University of Oulu

14.10-14.30 Coffee break

14.30-15.10 *Novel aspects of collagen binding integrins*

Donald Gullberg, Dept. of Biomedicine and Centre for Cancer Biomarkers, University of Bergen, Norway

15.10-15.40 *Role of ECM during pancreas development: lessons from in vitro 2D and 3D culture systems*

Anne Grapin-Botton, DanStem, University of Copenhagen, Denmark

15.40-16.10 *Essential role of Cdc42 in renal podocytes and glomerular filtration*

Rizaldy Scott, Centre for Systems Biology, the Lunenfeld-Tanenbaum Research Institute, Canada

Tuesday 17.12.2013

9.00-9.30 *Fibroblast EXT1-levels influence heparan sulfate structure and function*

Marion Kusche-Gullberg, Dept. of Biomedicine and Centre for Cancer Biomarkers, University of Bergen, Norway

9.30-10.00 *Epidermal stem cell in tissue homeostasis and regeneration*

Kim Jensen, BRIC – Biotech Research and Innovation Center, Univ. of Copenhagen, Denmark

10.00-10.30 *The function of N-WASP in skin inflammation*

Cord Brakebusch, BRIC – Biotech Research and Innovation Center, Univ. of Copenhagen, Denmark

10.30-10.45 Coffee break

10.45-11.15 *Identification of the cellular origin and the molecular mechanisms of basal cell carcinoma initiation*

Khalil Kess Youssef, Université Libre de Bruxelles, Belgium

11.15-11.45 *Collagen XIII in bone homeostasis*

Jarkko Koivunen, Centre for Cell-Extracellular Matrix Research, Biocenter Oulu, Univ. of Oulu

11.45-11.50 *Closing*