



Symposium

Cell-extracellular matrix interactions in signalling and disease

Date	September 16, 2009
Place	Lecture Hall L1, Department of Dentistry, University of Oulu, Aapistie 3, 90220 Oulu
Study Credits	0,5 points
Organizers	Oulu Center for Cell-Matrix Research, Nordic Infrastructure for Mouse Models & BioCenter Oulu Graduate School <i>Taina Pihlajaniemi & Johanna Myllyharju</i>
Registration	Anne Vainionpää, anne.vainionpaa (at) oulu.fi , tel: 08-537 6105, by September 8, 2009
Travel Grants	A limited number of Travel Grants are available from the <i>NorIMM Network</i> for graduate students and post-docs from outside of Oulu. For further information, please contact Raija Soinen, raija.soininen (at) oulu.fi

PROGRAMME

09:00 – 09:10	<i>Welcome & Introduction</i> Taina Pihlajaniemi <i>Oulu Center for Cell-Matrix Research, Department of Medical Biochemistry and Molecular Biology, Institute of Biomedicine, Faculty of Medicine, University of Oulu, Oulu</i>
09:10 – 09:45	<i>ECM assemblies; instructive platforms of cell behaviour</i> Francesco Ramirez <i>Department of Pharmacology and Systems Therapeutics, Mount Sinai School of Medicine, New York</i>
09:55 – 10:25	<i>Assembling an organ from precursor cells: role of cell and matrix signalling events</i> Seppo Vainio <i>Laboratory of Developmental Biology, Oulu Center for Cell-Matrix Research, Department of Medical Biochemistry and Molecular Biology, Institute of Biomedicine, Faculty of Medicine, University of Oulu, Oulu</i>

- 10:25 – 10:55 ***Angiopoietin-2 induces Tie2 translocation to newly formed cell-matrix contacts***
Lauri Eklund
Oulu Center for Cell-Matrix Research, Department of Medical Biochemistry and Molecular Biology, Institute of Biomedicine, Faculty of Medicine, University of Oulu, Oulu
- 10:55 – 11:25 ***Multiple roles of collagen XIII***
Anne Heikkinen
Oulu Center for Cell-Matrix Research, Department of Medical Biochemistry and Molecular Biology, Institute of Biomedicine, Faculty of Medicine, University of Oulu, Oulu
- 11:25 – 12:15 ***Lunch Break***
- 12:15 – 13:00 ***Factors regulating the expression of the fibroblast-specific integrin $\alpha 1 \beta 1$***
Donald Gullberg
Department of Biomedicine, University of Bergen, Bergen
- 13:00 – 13:30 ***4-Hydroxyprolines, from collagens to the regulation of oxygen homeostasis and beyond***
Johanna Myllyharju
Oulu Center for Cell-Matrix Research, Department of Medical Biochemistry and Molecular Biology, Institute of Biomedicine, Faculty of Medicine, University of Oulu, Oulu
- 13:30 – 14:00 ***Multifunctional LH3 in Health and Disease***
Raili Myllylä
Department of Biochemistry, University of Oulu, Oulu
- 14:00 – 14:30 ***Coffee Break***
- 14:30 – 15:00 ***Collagen-derived angiogenesis inhibitors in the tumour microenvironment***
Pia Nyberg
Department of Diagnostics and Oral Medicine, Institute of Dentistry, and Oulu Center for Cell-Matrix Research, University of Oulu, Oulu
- 15:00 – 15:30 ***Collagen XVII and blistering skin diseases***
Kaisa Tasanen-Määttä
Clinical Research Center, Oulu University Hospital; Oulu Center for Cell-Matrix Research, Department of Dermatology, Institute of Medicine, Faculty of Medicine, University of Oulu, Oulu
- 15:30 – 16:00 ***Searching for susceptibility genes in osteoarthritis***
Minna Männikkö
Oulu Center for Cell-Matrix Research, Department of Medical Biochemistry and Molecular Biology, Institute of Biomedicine, Faculty of Medicine, University of Oulu, Oulu
- 16:00 – 16:30 ***Discussion & concluding remarks***