

Minisymposium: ELECTRON MICROSCOPY IN SCIENCE

In honour of Docent Raija Sormunen, Biocenter Oulu Electron Microscopy Coordinator
March 3, 2016 in Leena Palotie Hall, Kontinkangas Campus, Aapistie 5A, Oulu

12.00-12.05 **Welcome**

Johanna Myllyharju, Biocenter Oulu

Session 1: Chair - Johanna Myllyharju, Biocenter Oulu, University of Oulu

12.05-12.40 **The molecular mechanism of circadian clock regulation of extracellular matrix secretion and turnover - studies using serial block face-scanning electron microscopy**

Karl Kadler

Faculty of Life Sciences, University of Manchester,
Wellcome Trust Centre for Cell-Matrix Research, Manchester, UK

12.40-13.15 **Isolation and characterization of extracellular vesicles**

An Hendrix

Department of Radiation Oncology and Experimental Cancer Research
Ghent University, Gent, Belgium

13.15-13.45 **Coffee Break**

**Session 2: Chair - Tuomo Karttunen, Unit of Cancer Research and Translational Medicine,
Faculty of Medicine, University of Oulu**

13.45-14.20 **Nuclear phosphoinositides as transcriptional regulators visualized by microscopy**

Pavel Hozák

Laboratory of Biology of the Cell Nucleus, Institute of Molecular Genetics of the ASCR
Prague, Czech Republic

14.20-14.35 **Interplay between endoplasmic reticulum structure, dynamics and functions**

Eija Jokitalo

Electron Microscopy Unit, Institute of Biotechnology, University of Helsinki

14.35-14.50 **Physicochemical characterization of biomedical samples**

Arto Koistinen

SIB Labs, Microscopy laboratory, University of Eastern Finland, Kuopio

14.50-15.05 **Break**

Session 3: Chair - Ilkka Miinalainen, Biocenter Oulu, University of Oulu

15.05-15.20 **Microscopic studies of enterovirus infection**

Varpu Marjomäki

Biological and Environmental Science, Nanoscience Center, University of Jyväskylä

15.20-15.35 **Electron microscopy in material science**

Janne Remes

Center of Microscopy and Nanotechnology, University of Oulu

15.35-15.50 **Ultrastructural analysis of the vasculature**

Lauri Eklund

Biocenter Oulu, Faculty of Biochemistry and Molecular Medicine, University of Oulu

16.00- **Chance to convey greetings. More information teija.luoto@oulu.fi**



Organized by Biocenter Oulu and BCO-Doctoral Programme

