

Frontiers ^{OF} Science

SPRING SEMINARS 2024

Thursdays at 12:00 in Presidentti auditorium, BioCity

On-site only, no registration needed. Coffee and sandwich served at 11:45.

FEBRUARY

February 1st 2024

Prof. João F. Mano, University of Aveiro, Portugal
Compartmentalizing cells in 3D microenvironments to engineer human tissues
Host: Chunlin Xu (chunlin.xu@abo.fi)

February 29th 2024

Prof. Juha Klefström, University of Helsinki, Finland
Of MYC, mitochondrial metabolism and death - It's better to burn out than fade away
Host: Jukka Westermarck (jukwes@utu.fi)

MARCH

March 7th 2024

Assoc. Prof. Sirio Dupont, University of Padova, Italy
Mitochondrial fission coordinates the transcriptional and metabolic response to forces
Host: Johanna Ivaska (johanna.ivaska@utu.fi)

APRIL

April 4th 2024

Prof. Ricardo Henriques, Instituto Gulbenkian de Ciência, Portugal
Open Super-Resolution and AI technologies in the quest for nanoscale live-cell imaging
Host: Guillaume Jaquemet (guillaume.jaquemet@abo.fi)

April 18th 2024

Prof. Saverio Minucci, Istituto Europeo di Oncologia, Italy
PP2A as an integrator of cellular responses to genomic stress, and to a metabolically dynamic microenvironment
Host: Jukka Westermarck (jukwes@utu.fi)

MAY

May 2nd 2024

Prof. Ellen Rothenberg, California Institute of Technology, USA
Epigenomic and gene regulatory network mechanisms controlling the dynamics of early T cell lineage commitment
Host: Riitta Lahesmaa (riitta.lahesmaa@utu.fi)

May 16th 2024

Prof. Shelley Minteer, University of Utah, USA
Enzymes as electrocatalysts
Host: Yagut Allahverdiyeva (allahve@utu.fi)

May 23rd 2024

Prof. Michael O. Hottiger, University of Zurich, Switzerland
Uncovering ADP-ribosylation signaling pathways: implications for PARP7 in cancer
Host: Lea Sistonen (lea.sistonen@abo.fi)

ORIGINAL IMAGE ACQUIRED BY JENNY PESSA: Transformed human breast epithelial HS578T cells (flattened) labelled with commercial fluorescent antibodies. Image acquired on 3i CSU-W1 Spinning disk with 40x objective.
FURTHER INFORMATION: +358 40 5658 654 | biocityturku@bioscience.fi | <https://www.biocityturku.fi> ALL BIOCITY TURKU EVENTS: <https://www.biocityturku.fi>

FRONTIERS OF SCIENCE SEMINARS ARE ORGANISED BY BIOCITY TURKU RESEARCH PROGRAMS: Biomaterials and Medical Devices Research Program (BioMed); Cell Communication Research Program (CellCom); Computational and Molecular Methodologies for Life Sciences (CompLifeSci); Turku Biological and Medical Imaging Research Program (Field of View); Microbes and Immunity Research Program (MIRP); The Multiverse of Immune System (MIST); Advanced Bioresources and Smart Bioproducts (SmartBIO); Etiology, Prevention and Treatment of Metabolic, Endocrine and Developmental Disorders (TREMENDO).
AND BY DOCTORAL PROGRAMMES: Doctoral Programme in Biology, Geography and Geology (BGG, UTU); Doctoral Programme in Clinical Research (DPCR, UTU); Doctoral Programme in Technology (DPT, UTU); Drug Research Doctoral Programme (DRDP, UTU); Finnish Doctoral Program in Oral Sciences (FINDOS, UTU); National Doctoral Programme in Informational and Structural Biology (ISB, ÅAU); Turku Doctoral Network in Molecular Biosciences (MolBio, ÅAU); Turku Doctoral Programme of Molecular Medicine (TuDMM, UTU). We acknowledge Faculty of Medicine Postgraduate Education Unit (PGE) for funding FoS Seminars.