

Frontiers^{OF} Science



AUTUMN SEMINARS 2025

Thursdays at 12:00 in Presidentti auditorium, BioCity

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

SEPTEMBER

September 18th

Prof. Hiroki Ueda, University of Tokyo, Japan

Why do we sleep? The role of calcium and phosphorylation in sleep

Host: Diana Lehotina (diana.lehotina@utu.fi)

OCTOBER

October 2nd

Prof. Olli Kallioniemi, FIMM, HiLife, University of Helsinki, Finland

Technology-, data- and AI-driven translational cancer research

Host: Klaus Elenius (klale@utu.fi)

October 9th

Prof. Pere Roca-Cusachs, University of Barcelona, Spain

Understanding and controlling mechanotransduction, from integrins to the nucleus

Host: Johanna Ivaska (johanna.ivaska@utu.fi)

October 23rd

Prof. Francesca Bottanelli, Freie Universität Berlin, Germany

Unravelling the inner secrets of cells with live-cell super-resolution microscopy

Host: Paulina Moreno Layseca (paulina.morenolayseca@utu.fi)

October 30th

Prof. Maddy Parsons, King's College London, UK

Imaging dynamics and mechanics in cancer

Host: Guillaume Jacquemet (guillaume.jacquemet@abo.fi)

NOVEMBER

November 6th

Prof. Silvia Giordano, University of Torino Medical School, Italy

Gastric cancer in the age of precision oncology: new opportunities to improve treatment

Host: Silvia Gramolelli (Silvia.Gramolelli@abo.fi)

DECEMBER

December 4th

Prof. Sara Wickström, University of Helsinki, Finland

Mechanical regulation of cell states

Host: Jenny Pessa (jenny.pessa@abo.fi)

December 11th

Prof. Marco Demaria, University of Groningen, The Netherlands

Heterogeneity in cellular senescence: from mechanisms to interventions

Host: Gennady Yegutkin (genyeg@utu.fi)

ORIGINAL IMAGE BY KARI KAUNISTO: Mainly jewel beetles (Buprestidae) from 19th century Neotropics and Europe.

Part of Sahlberg family collections, stored and maintained in Biodiversity unit, University of Turku. Contact elainmuseo@utu.fi for more information.

PLEASE CHECK THE LATEST UPDATES TO THE PROGRAM AT <https://www.biocityturku.fi>

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 (BG, 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.