

Frontiers of Science Seminars

Autumn 2025

Thursdays at 12:00 in Presidentti auditorium, BioCity

On-site only, no registration needed

Coffee and sandwich served at 11:45

18th September 2025

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)

2nd October 2025

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

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

Host: Klaus Elenius (klaele@utu.fi)

9th October 2025

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

Understanding and controlling mechanotransduction, from integrins to the nucleus

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

23rd October 2025

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)

30th October 2025

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

Imaging dynamics and mechanics in cancer

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

6th November 2025

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)

27th November 2025

Dr. Evangelia Petsalaki, EMBL-EBI, UK

Network-based approaches for studying context-specific signalling

Host: Tomi Suomi (tomi.suomi@utu.fi)

4th December 2025

Prof. Sara Wickström, University of Helsinki, Finland

Mechanical regulation of cell states

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

11th December 2025

Prof. Marco Demaria, University of Groningen, The Netherlands

Heterogeneity in cellular senescence: from mechanisms to interventions

Host: Gennady Yegutkin (genyeg@utu.fi)

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