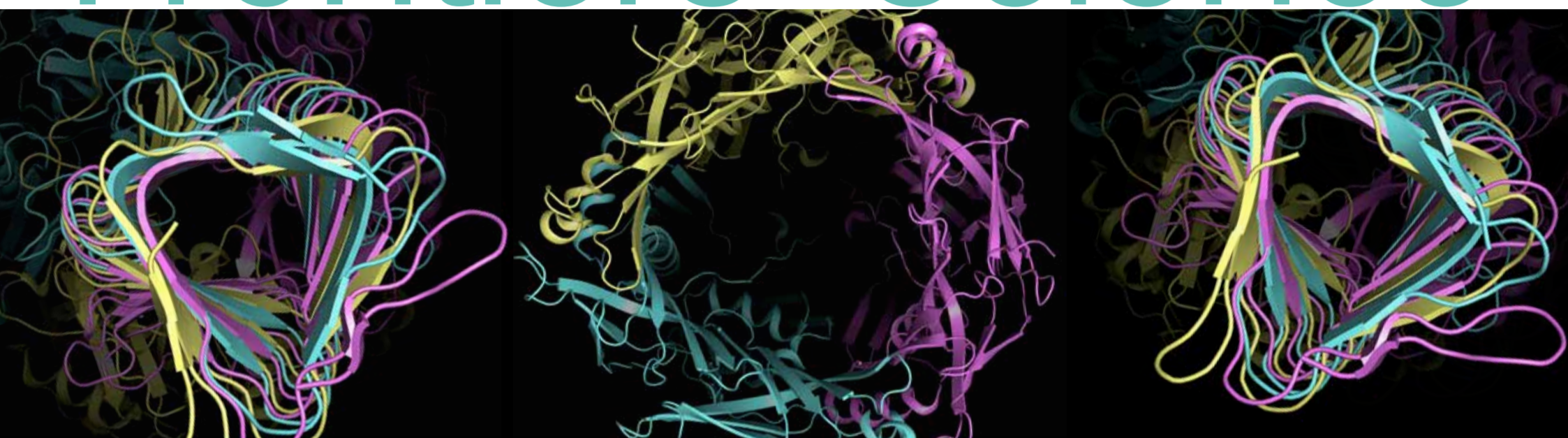


Frontiers OF Science



AUTUMN SEMINARS 2024

Thursdays at 12:00

in Arje Scheinin auditorium, Dentalia (Sep 26th) or Presidentti auditorium, BioCity (the rest)

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

SEPTEMBER

September 12th

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 (rilahes@utu.fi)

September 26th

in Arje Scheinin auditorium, Dentalia

Prof. James C. Costello, University of Colorado, USA

A novel mechanism of chemotherapy resistance by the regulation of volume regulated anion channels

Host: Teemu Daniel Laajala (teelaa@utu.fi)

OCTOBER

October 3rd

Prof. Carlos L. Arteaga, UTSW Harold C. Simmons Comprehensive Cancer Center, USA

Are we curing estrogen receptor positive (ER+) breast cancer?

Host: Klaus Elenius (klale@utu.fi)

October 10th

Prof. Steffen Jung, the Weizmann Institute of Science's Department of Immunology, Israel

Monocytes and macrophages - when origins matter

Host: Alex Mildner (alexander.mildner@utu.fi)

October 31st

Prof. João F. Mano, University of Aveiro, Portugal

Compartmentalizing cells in 3D microenvironments to engineer human tissues

Host: Chunlin Xu (chunlin.xu@abo.fi)

NOVEMBER

November 14th

Prof. Mahesh Mahanthappa, University of Minnesota, USA

Scale-invariant principles of molecular self-assembly across lengthscales

Host: Reko Leino (reko.leino@abo.fi)

DECEMBER

December 5th

Prof. Bernhard Küster, Technical University of Munich, Germany

Cancer patient and drug proteome profiling enhance treatment recommendations in molecular tumor boards

Host: Jukka Westermarck (jukka.westermarck@utu.fi)

December 12th

Prof. Torben Heick Jensen, Aarhus Universitet, Denmark

Nuclear sorting of RNA

Host: Matti Turtola (matti.turtola@utu.fi)

ORIGINAL IMAGE ACQUIRED BY MIA ÅSTRAND: Details of the *Bacteroides fragilis* VgrG protein (PDB ID: 8GRA). Image created in the PyMOL Molecular Graphics System, Version 2.5 Schrödinger, LLC.

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.