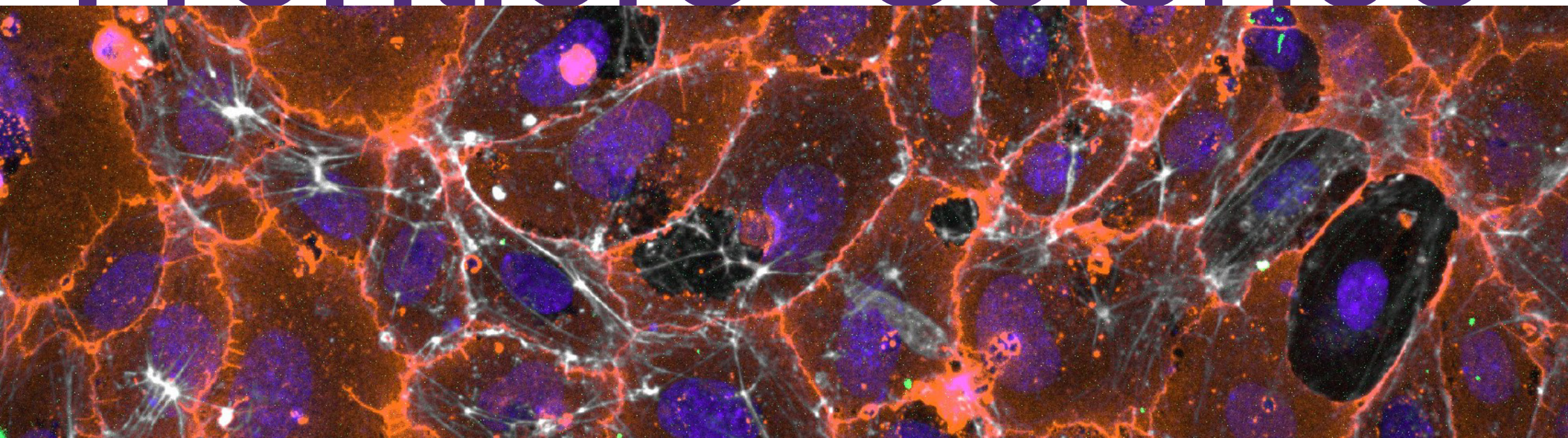


Frontiers ^{OF} Science



AUTUMN SEMINARS 2022

All seminars will be on-site at 12:00 and coffee and sandwich served at 11:45

October and November seminars are held in BioCity, Presidentti auditorium

December seminar is held in Aurum, Argentum auditorium

OCTOBER

October 6th

Prof. Aled Clayton, Cardiff University, UK

How do extracellular vesicles work?

host: Janne Leivo (jpleiv@utu.fi)

October 13th

Ana Teixeira, Karolinska Institutet, Sweden

Mapping and targeting membrane protein nanodomains

host: Cecilia Sahlgren (cecilia.sahlgren@abo.fi)

NOVEMBER

November 3rd

Prof. Gilles van Wezel, Leiden University, Netherlands

Ecology-inspired approaches towards antibiotic discovery in Actinobacteria

Prof. Jacques Neefjes, Leiden University Medical Center, Netherlands

Detoxifying anthracycline anti-cancer drugs for new treatment options of relapsed cancer patients

host: Mikko Metsä-Ketelä (mianme@utu.fi)

November 10th

Prof. Christian Wolfrum, ETH Zürich, Switzerland

Adipocyte plasticity and its impact on metabolism

host: Kirsi Virtanen (kianvi@utu.fi)

November 17th

Prof. Johanna Myllyharju, University of Oulu, Finland

Prolyl 4-hydroxylation – a druggable protein modification with central roles in collagen synthesis and regulation of hypoxia response

host: Jyrki Heino (jyrki.heino@utu.fi)

DECEMBER

December 8th

Frontiers of Science meets Aurum

ARGENTUM AUDITORIUM, AURUM

Prof. Gianfranco Pacchioni, Università degli Studi di Milano-Bicocca, Italy

Computer driven material discovery

host: Dmitry Murzin (dmitry.murzin@abo.fi)

FRONTIERS OF SCIENCE SEMINARS ORGANISED BY BIOCITY TURKU RESEARCH PROGRAMMES

Biomaterials and Medical Devices Research Program (BioMed); Cell Communication Research Program (CellCom); Computational and Molecular Methodologies for Life Sciences (ComLifeSci); 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 – Towards Sustainable Bioeconomy (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.

ORIGINAL IMAGE ACQUIRED BY GAUTIER FOLLAIN: Pancreatic cancer cells (green) interacting with an endothelial monolayer (orange), acquired on a spinning disk confocal microscope.

FURTHER INFORMATION: +35840 5658654 | biocityturku@bioscience.fi | <https://www.biocityturku.fi>

TURKU BIONET SEMINAR CALENDAR: <https://www.biocityturku.fi>