

Frontiers of Science

Seminar Diary

Autumn 2022

On-site only, on Thursdays at 12:00 in

Presidentti auditorium, BioCity (October and November)

or

Argentum auditorium, Aurum (December)

Name and student number:

Frontiers of Science seminars are organized by

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 – Towards Sustainable Bioeconomy (SmartBIO)

Etiology, Prevention and Treatment of Metabolic, Endocrine and Developmental Disorders (TREMENDO)

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-Turku (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)

October 6th

Prof. Aled Clayton, Cardiff University, UK

How do extracellular vesicles work?

Host: Janne Leivo (jpleiv@utu.fi)

Signature of coordinator: _____

October 13th

Ana Teixeira, Karolinska Institutet, Sweden

Mapping and targeting membrane protein nanodomains

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

Signature of coordinator: _____

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)

Signature of coordinator: _____

November 10th

Prof. Christian Wolfrum, ETH Zürich, Switzerland

Adipocyte plasticity and its impact on metabolism

Host: Kirsi Virtanen (kianvi@utu.fi)

Signature of coordinator: _____

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)

Signature of coordinator: _____

December 8th

Frontiers of Science meets Aurum!

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

Computer driven material discovery

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

Signature of coordinator: _____