



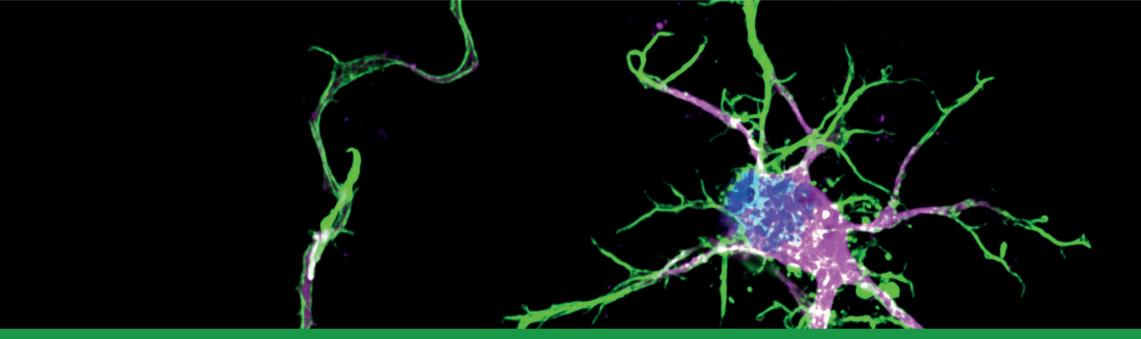


ACADEMIC EXCELLENCE IN LIFE SCIENCE AND MEDICINE

FRONTIERS OF SCIENCE **AUTUMN SEMINARS 2019**

On Thursdays at 12:00 in Presidentti auditorium, BioCity, Tykistökatu 6, Turku — unless otherwise stated

Frontiers Science



AUTUMN SEMINARS 2019

SEPTEMBER

September 5th

IN PHARMACITY AUDITORIUM

Prof. Jukka Corander, University of Oslo, Norway

How do bacterial populations evolve in reality? Some answers and their applications to vaccine optimization

Host: Jaana Vuopio (jaana.vuopio@utu.fi)

OCTOBER

October 3rd

Dr. Andrew South, Jefferson College of Life Sciences, USA

Signatures of mutation in squamous cell carcinoma Host: Veli-Matti Kähäri (velkah@utu.fi)

October 10th

Prof. Yvan Saeys, Inflammation Research Center, VIB-UGent, Belgium

Machine learning challenges for single-cell omics data

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

October 31st

Dr. Anne-Claude Gavin, EMBL, Germany

Lipid metabolism: connecting the dots

Host: Karolina Pavic (karolina.pavic@utu.fi)

NOVEMBER

November 14th

Prof. Mark Sansom, Department of Biochemistry, University of Oxford, UK Membrane protein interactions and function viewed by molecular simulations

Host: Parthiban Marimuthu (Parthiban.Marimuthu@abo.fi)

November 21st

Prof. Merja Penttilä, VTT Technical Research Centre of Finland, Finland

Synthetic biology — *powering bioeconomy* Host: Paula Mulo (pmulo@utu.fi)

November 28th

Prof. Ingunn Holen, Department of Oncology and Metabolism, University of

Sheffield, UK

Tumour cell dormancy in bone - role in breast cancer relapse

Host: Kaisa Ivaska (kakaiv@utu.fi)

DECEMBER

December 12th

Prof. Cecilia Sahlgren, Abo Akademi University, Finland

Mechanics and mechanisms of vascular tissue architecture and homeostasis

Host: Jyrki Heino (jyheino@utu.fi)

ORIGINAL IMAGE BY GUILLAUME JACQUEMENT

Primary Rat hippocampal neuron stained for actin (green) Dapi (blue) and MAP2 (purple).

FURTHER INFORMATION

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TURKU BIONET SEMINAR CALENDAR

https://www.biocity.turku.fi

We acknowledge Faculty of Medicine Postgraduate Education Unit (PGE) for funding FoS Seminars.

FRONTIERS OF SCIENCE SEMINARS ORGANISED BY BIOCITY TURKU RESEARCH PROGRAMMES

Advanced Bioresources and Smart Bioproducts - Towards Sustainable Bioeconomy; Biomaterial and Medical Device Research Programme; Computational and Molecular Methodologies for Life Sciences; Diagnostic Technologies and Applications; Lifespan of Cardiovascular, Inflammatory, Endocrine & Metabolic Disorders - LIFESPAN; Receptor Programme; Translational Infectious Disease and Immunity Research Programme

AND BY DOCTORAL PROGRAMMES

Doctoral Programme in Biology, Geography and Geology (BGG, UTU); Doctoral Programme in Clinical Research (DPCR, UTU); Doctoral Programme in Molecular Life Sciences (DPMLS, 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)