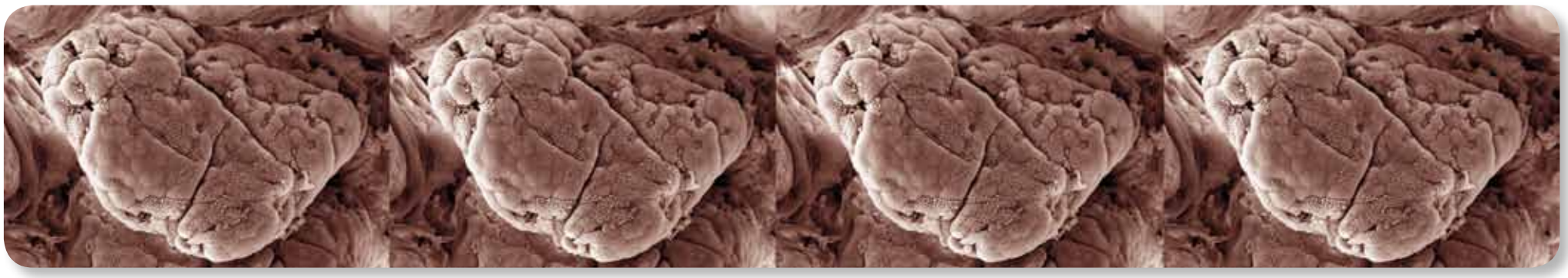
BIOCITY TURKU

UNIVERSITY OF TURKU · ÅBO AKADEMI UNIVERSITY

ACADEMIC EXCELLENCE IN LIFE SCIENCE AND MEDICINE

FRONTIERS OF SCIENCE
SPRING SEMINARS 2013
on Thursdays at 12.00 in Mauno Koivisto Centre auditorium, BioCity, Tykistökatu 6A, Turku
(unless otherwise stated)

Frontiers OF Science



SPRING SEMINARS 2013

JANUARY

Thursday, January 24 at 12.00,
Frontiers of Science seminar
Prof. Erol Fikrig, Yale University School of Medicine, USA:
"Arthropod-Pathogen-Host Interactions. Ménage à trois?"
Host: Jukka Hytönen (jukka.hytonen@utu.fi)

FEBRUARY

Thursday, February 7 at 12.00,
Frontiers of Science seminar
Prof. Wayne Tilley, Dame Roma Mitchell Cancer Research Laboratories, Discipline of Medicine, University of Adelaide/Hanson Institute, Australia and Cancer Research UK, Cambridge Research Institute, Cambridge University, UK:
"Mechanisms of Resistance to Hormonal Therapy and Novel Androgen Receptor Targeting Strategies for Prostate Cancer"

and

Dr. Theresa Hickey, Dame Roma Mitchell Cancer Research Laboratories, Discipline of Medicine, University of Adelaide/Hanson Institute, Australia and Cancer Research UK, Cambridge Research Institute, Cambridge University, UK:
"The Dual Faces of the Androgen Receptor in Breast Cancer"
Host: Pirkko Härkönen (pirkko.harkonen@utu.fi)

Thursday, February 28 at 12.00,
Frontiers of Science seminar
Dr. Bernard Haendler, Global Drug Discovery, Bayer HealthCare AG, Germany: *"Epigenetic modifications in prostate cancer"*
Host: Matthias Nees (matthias.nees@vtt.fi)

MARCH

Thursday, March 7 at 12.00,
Frontiers of Science seminar
Prof. Andre van Wijnen, Department of Orthopedic Surgery & Biochemistry and Molecular Biology, Mayo Clinic, USA:
"Molecular Engineering of MicroRNA-Transcription Factor Networks in Skeletal Tissue Regeneration"
Host: Salla Laine (sksuom@utu.fi)

Thursday, March 21 at 12.00,
Frontiers of Science seminar
Prof. Henrik Kaessmann, Center for Integrative Genomics, University of Lausanne, Switzerland:
"The evolution of mammalian tissue transcriptomes"
Host: Noora Kotaja (nookot@utu.fi)

APRIL

Thursday, April 11 at 12.00,
Frontiers of Science seminar
Prof. Charles Streuli, Wellcome Trust Centre for Cell-Matrix Research, Faculty of Life Sciences, University of Manchester, UK:
"How integrins control epithelial cell phenotype and polarity"
Host: Johanna Ivaska (johanna.ivaska@vtt.fi)

Thursday, April 18 at 12.00,
Frontiers of Science seminar
Prof. Tasnee Chonmaitree, UTMB Institute of Translational Sciences, University of Texas, USA:
"Pathogenesis of virus-induced acute otitis media: Role of genetic polymorphisms"
Host: Aino Ruohola (ainruo@utu.fi)

Thursday, April 25 at 12.00,
Frontiers of Science seminar
DataCity auditorium, Lemminkäisenkatu 14-18 B, Turku
PLEASE NOTE THE LOCATION!
Dr. Vladimir Benes, EMBL Heidelberg, Germany:
"For sequencing today, tomorrow never dies, but..."
Host: Oliver Meikar (olimei@utu.fi)

MAY

Thursday, May 2 at 12.00,
Frontiers of Science seminar
Prof. Robert G. Parton, Institute for Molecular Bioscience, The University of Queensland, Australia:
"The formation and function of caveolae: new insights into an enigmatic organelle"
Host: Daniel Abankwa (daniel.abankwa@btk.fi)

Friday, May 17 at 12.00,
Frontiers of Science seminar
Prof. Martin A. Schwartz, Yale School of Medicine, USA:
"Endothelial flow sensing in artery remodeling and atherosclerosis"
Host: Johanna Ivaska (johanna.ivaska@vtt.fi)

Thursday, May 23 at 12.00,
Frontiers of Science seminar
Prof. Kirill Alexandrov, Institute for Molecular Bioscience, The University of Queensland, Australia:
"Optofluidic analysis of in vitro reconstituted protein complexes"
Host: Daniel Abankwa (daniel.abankwa@btk.fi)

ORIGINAL IMAGE BY JONAS SILVANDER (D. TOIVOLA group)
Surface morphology of jejunum villus. Jejunum is located in the middle of the small intestine and is responsible for absorption of saccharides, amino acids and other nutrients. The finger-like intestinal villi protruding into the intestinal lumen increase surface area for efficient nutrient absorption. The mouse jejunum sample has been prepared for scanning electron microscopy according to standard techniques and acquired with a Zeiss Leo 1530 Gemin microscope. The image was captured at 500X magnification and pseudo-colored red. By scanning electron microscopy the apical surface of enterocytes and goblet ells and their distribution, borders and morphology can be appreciated.

FRONTIERS OF SCIENCE SEMINARS ORGANISED BY
Biomaterials Research, Centre for Reproductive and Developmental Medicine, Diagnostic Technologies and Applications, Receptor Program, Turku Centre for Systems Biology, Program for Infection Biology and Infectious Diseases, Doctoral Programmes participating in Turku BioNet

FURTHER INFORMATION
Tel + 358 2 333 8042
E-mail: biocityturku@btk.fi
www.biocity.turku.fi

TURKU BIONET SEMINAR CALENDAR
http://www.biocity.turku.fi