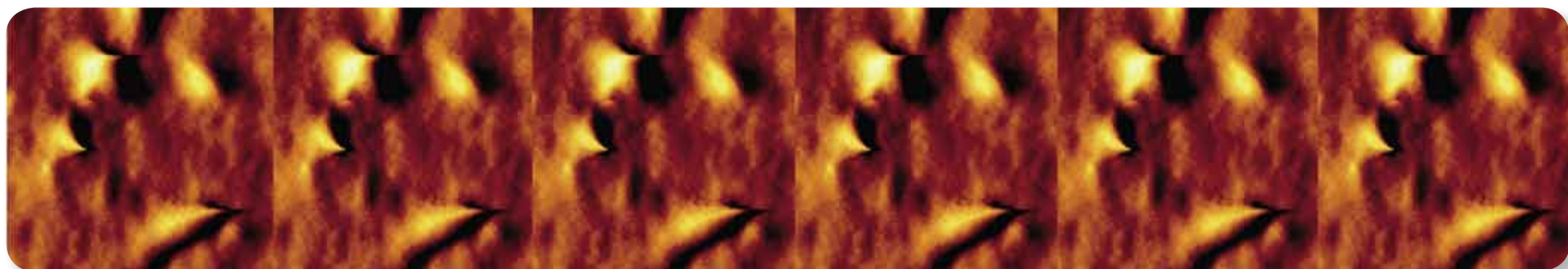


Frontiers OF Science



SPRING SEMINARS 2014

JANUARY

**Thursday, January 23 at 12.00,
 Frontiers of Science seminar**

Prof. Ilkka Julkunen, University of Turku:
"Regulation of innate immunity in influenza virus infection"
 Host: Matti Waris (mwaris@utu.fi)

FEBRUARY

**Thursday, February 13 at 12.00,
 Frontiers of Science seminar**

Prof. Markku Laakso, University of Eastern Finland:
"Genes meet phenotypes in diabetes"
 Host: Pirjo Nuutila (pirnuu@utu.fi)

**Thursday, February 27 at 12.00,
 Frontiers of Science seminar**

Prof. Juleen R. Zierath, Karolinska Institutet, Sweden:
"Molecular mechanisms for the health-promoting effects of exercise: why muscle matters"
 Host: Lea Sistonen (lea.sistonen@btk.fi)

MARCH

**Thursday, March 6 at 12.00,
 Frontiers of Science seminar**

Prof. Daniel Wegmann, University of Fribourg, Switzerland
"Rare variants: abundant and deleterious, yet only marginally important for disease?"
 Host: Craig Primmer (craig.primmer@utu.fi)

**Thursday, March 13 at 12.00,
 Frontiers of Science seminar**

Prof. Yardena Samuels, Weizmann Institute of Science, Israel:
"Mutational and functional analysis of melanoma filling in the gap"
 Host: Klaus Elenius (klaus.elenius@utu.fi)

**Thursday, March 27 at 12.00,
 Frontiers of Science seminar**

Prof. Dominique Heymann, INSERM, University of Nantes, France:
"Biology and new therapeutic approaches of bone sarcomas"
 Host: Jorma Määttä (jmaatta@utu.fi)

APRIL

**Thursday, April 3 at 12.00,
 Frontiers of Science seminar**

Prof. Jessica Tyler, MD Anderson Cancer Center, USA:
"Control of genomic processes and aging by chromatin dynamics"
 Host: Marek Budzynski (marek.budzynski@btk.fi)

**Thursday, April 10 at 12.00,
 Frontiers of Science seminar**

Prof. Owen Sansom, Beatson Institute for Cancer Research, UK:
"Using murine models of cancer to test stratification of therapy to mutation: KRAS, P53 and APC"
 Host: Johanna Ivaska (johanna.ivaska@utu.fi)

MAY

**Thursday, May 8 at 12.00,
 Frontiers of Science seminar**

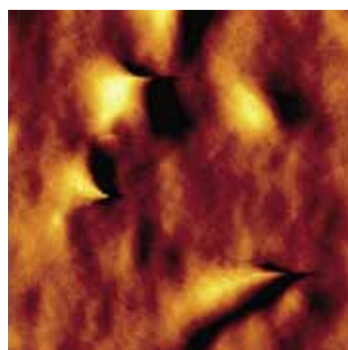
Prof. Trevor Penning, Perelman School of Medicine, University of Pennsylvania, USA:
"Androgen biosynthesis in castration resistant prostate cancer: targeting 17b-HSD Type 5 (AKR1C3)"
 Host: Matti Poutanen (matpou@utu.fi)

**Thursday, May 15 at 12.00,
 Frontiers of Science seminar**

Dr. Philippe Chavrier, Institut Curie, France:
"Mechanism of matrix metalloproteinase secretion during breast tumor cell invasion"
 Host: Johanna Ivaska (johanna.ivaska@utu.fi)

**Thursday, May 22 at 12.00,
 Frontiers of Science seminar**

Prof. Dan Littman, HHMI, New York University, USA:
"Shaping of the immune system by the microbiota"
 Host: Riitta Lahesmaa (riitta.lahesmaa@btk.fi)



ORIGINAL IMAGE BY PASI KANKAANPÄÄ
"Nanoparticles attaching to cell surface detected by atomic force microscopy (AFM)."

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

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

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

Doctoral Programme in Biology, Geography and Geology BGG (UTU)
 Doctoral Programme of Clinical Investigation CLIDP (UTU)
 Doctoral Programme in Molecular Life Sciences MLS (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)