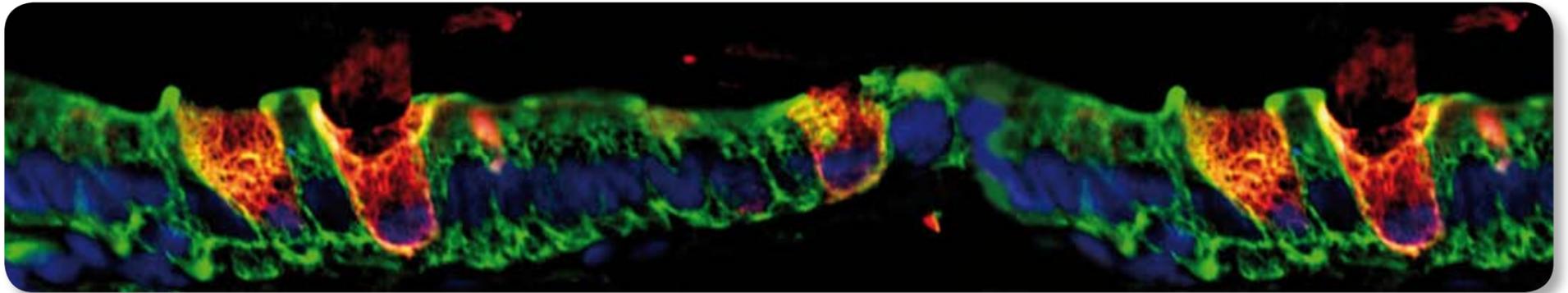


Frontiers OF Science



SPRING SEMINARS 2011

JANUARY

Thursday, January 20 at 12.00, Frontiers of Science seminar

Dr. Chris Albanese, Lombardi Comprehensive Cancer Center
 Georgetown University Medical Center, Washington D.C., USA:
"Effects of diet on mTOR activity in adipocytes and prostate epithelium"
 Host: Sari Mäkelä (sarmak@utu.fi)

Thursday, January 27 at 12.00, Frontiers of Science seminar

Prof. Galina Selivanova, Department of Microbiology,
 Tumor and Cell Biology (MTC), Karolinska Institutet, Sweden:
"Small molecules as research tools to address p53 biology"
 Host: Johanna Ivaska (johanna.ivaska@vtt.fi)

FEBRUARY

Thursday, February 10 at 12.00, Frontiers of Science seminar

Prof. Lars Engstrand, Swedish Institute for Infectious Diseases
 Control, Stockholm, Sweden: *"Biothreats in Nordic countries;
 working in biosafety laboratory level 4"*
 Host: Pentti Huovinen (penhuo@utu.fi)

Thursday, February 17 at 12.00, Frontiers of Science seminar

Prof. Cord Brakebusch, Molecular Pathology Section, Department of
 Biomedical Sciences, University of Copenhagen, Denmark:
"Rac1 function in skin cancer and skin inflammation"
 Host: Jyrki Heino (jyheino@utu.fi)

MARCH

Thursday, March 3 at 12.00, Frontiers of Science seminar

Prof. Wenqing Xu, Department of Biological Structure,
 University of Washington, Seattle, USA:
"Structural and mechanistic studies of the Wnt signaling pathway"
 Host: Jukka Westermarck (jukwes@utu.fi)

Thursday, March 10 at 12.00, Frontiers of Science seminar

Dr. Bruno Amati, European Institute of Oncology,
 IFOM-IEO Campus, Milan, Italy:
*"New regulatory connections of c-Myc in cellular growth control
 and cancer"*
 Host: Jukka Westermarck (jukwes@utu.fi)

Thursday, March 17 at 12.00, Frontiers of Science seminar

Dr. Andrey Kajava, Director of Research, Centre de Recherches de
 Biochimie Macromoléculaire, CNRS, Montpellier, France:
"Structural folds of amyloid and prion fibrils"
 Host: Konstantin Denessiouk (konstantin.denessiouk@btk.fi)

APRIL

Thursday, April 14 at 12.00, Frontiers of Science seminar

PharmaCity Auditorium, please note the location!
 Dr. Cheryl A. Kerfeld, University of California, USA:
*"Structure, function and engineering of the cyanobacterial
 carboxysome, a metabolic module for CO₂ fixation"*
 Host: Patrik Jones (patrik.jones@utu.fi)

Thursday, April 28 at 12.00, Frontiers of Science seminar

Prof. James Hagman, Integrated Dept. of Immunology,
 National Jewish Health, USA:
"Regulation of B cell identity and commitment"
 Host: Riku Kiviranta (riku.kiviranta@utu.fi)

MAY

Thursday, May 5 at 12.00, Frontiers of Science seminar

Prof. Karl-Heinz Krause, Department of Pathology and Immunology
 Geneva Faculty of Medicine, University of Geneva, Switzerland:
*"NOX enzymes in the CNS: another strange case of Dr. Jekyll and
 Mr. Hyde?"*
 Host: Sirpa Jalkanen (sirjal@utu.fi)

Thursday, May 12 at 12.00, Frontiers of Science seminar

Prof. Malcolm G. Parker, Imperial College London, UK:
*"RIP140 is a mediator of nuclear receptor signalling in metabolism,
 inflammation and reproduction"*
 Host: Pirkko Härkönen (harkonen@utu.fi)

Friday, May 20 at 12.00, Frontiers of Science seminar

Please note the date!
 Prof. Cornelis Murre, Division of Biological Sciences,
 University of California, San Diego USA:
"Global networks that orchestrate lymphocyte development"
 Host: Riitta Lahesmaa (riitta.lahesmaa@btk.fi)

ORIGINAL IMAGE BY Diana Toivola:

Keratin intermediate filament networks in epithelial cells of the small intestine.
 The intestinal epithelium in the gastrointestinal tract forms a single cell layer functioning
 as a barrier protecting the organism from the outside world. The epithelial cell layer
 is important in the absorption of nutrients, ions and water. Keratins are abundant
 cytoskeletal proteins forming complex cytoplasmic networks in the absorptive
 enterocytes (stained for keratin 8, green) and in mucus-secreting goblet cells
 (keratin 18, red and keratin 8, green). Basally located nuclei are stained blue.

FRONTIERS OF SCIENCE SEMINARS ORGANISED BY

Biomaterials Research, Center for Reproductive and Developmental Medicine,
 Diagnostic Technologies and Applications, Receptor Program, Systems Biology
 Research Program, Turku Immunology Centre, Graduate Schools participating
 in Turku BioNet

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