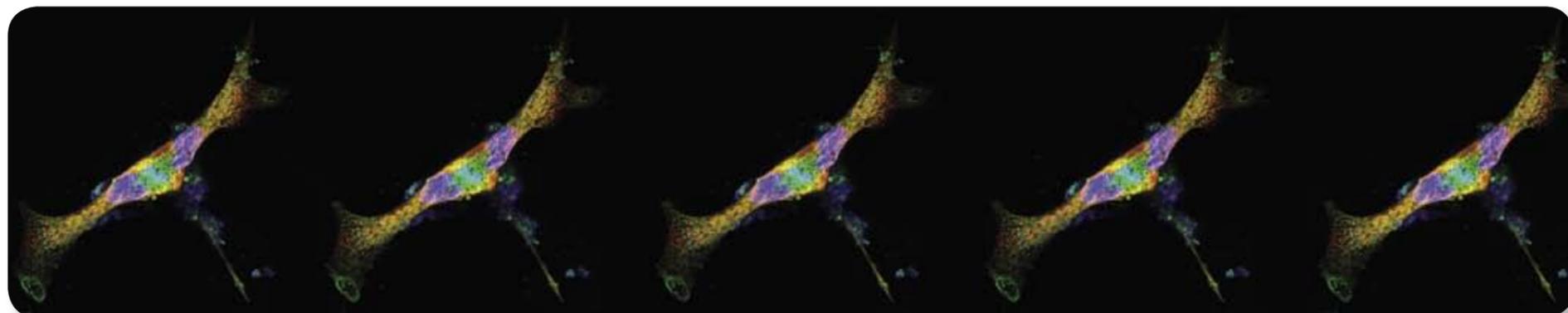


Frontiers^{OF} Science



AUTUMN SEMINARS 2011

SEPTEMBER

Thursday, September 1 at 12.00, Frontiers of Science seminar

Dr. Ali Hafezi-Moghadam, Harvard University, USA:
"Lymphangiogenesis and angiogenesis: concurrence and/or dependence?"
 Host: Sirpa Jalkanen (sirjal@utu.fi)

Thursday, September 8 at 12.00, Frontiers of Science seminar,

PharmaCity Auditorium, please note the location!
 Prof. Ellen Rothenberg, California Institute of Technology, Biology Division, USA: *"Gene regulatory network guidance of the stem cell to T-cell commitment process"*
 Host: Riitta Lahesmaa (riitta.lahesmaa@btk.fi)

Thursday, September 15 at 12.00, Frontiers of Science seminar

Prof. Varda Rotter, Department of Molecular Cell Biology, Weizmann Institute of Science, Rehovot, Israel:
"The role of p53 in the induction of pluripotent stem cells"
 Host: Matthias Nees (matthias.nees@vtt.fi)

OCTOBER

Thursday, October 6 at 12.00, Frontiers of Science seminar

PharmaCity Auditorium, Please note the location!
 Prof. Robert N. Eisenman, Fred Hutchinson Cancer Research Center, Seattle, USA: *"The expanding universe of MYC function"*
 Host: Päivi Koskinen (paivi.koskinen@btk.fi)

NOVEMBER

Thursday, November 3 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, November 10 at 12.00, Frontiers of Science seminar

Prof. Xosé R. Bustelo, Centro de Investigación del Cáncer, University of Salamanca, Spain: *"Pleiotropic control of cancer growth and metastasis by the Vav oncoprotein family"*
 Host: Jyrki Heino (jyheino@utu.fi)

Thursday, November 17 at 12.00, Frontiers of Science seminar

Prof. Sakari Kauppinen, Senior Director, microRNA, Santaris Pharma and Professor, Aalborg University, Denmark:
"Targeting of microRNAs for therapeutics"
 Host: Jukka Westermarck (jukwes@utu.fi)

Thursday, November 24 at 12.00, Frontiers of Science seminar

Prof. Bengt Fadeel, Karolinska Institute, Sweden:
"Understanding interactions of engineered nanomaterials with biological systems"
 Host: Matthias Nees (matthias.nees@vtt.fi)

DECEMBER

Thursday, December 1 at 12.00, Frontiers of Science seminar

Prof. Olivier Pertz, Institute of Biochemistry and Genetics, Department of Biomedicine, University of Basel, Switzerland:
"Imaging spatio-temporal signaling to the cytoskeleton during neurite outgrowth in live cells"
 Host: Johanna Ivaska (johanna.ivaska@vtt.fi)

Thursday, December 8 at 12.00, Frontiers of Science seminar

Prof. Geert JPL Kops, University Medical Center Utrecht, The Netherlands: *"Regulation of chromosome segregation by mitotic kinases"*
 Host: Marko Kallio (marko.kallio@vtt.fi)

Thursday, December 15 at 12.00, Frontiers of Science seminar

Prof. Jan Trapman, Department of Pathology, Josephine Nefkens Institute, Erasmus Medical Centre, The Netherlands:
"ERG and ETV1 fusion genes in prostate cancer"
 Host: Pirkko Härkönen (harkonen@utu.fi)

ORIGINAL IMAGE BY Claire Hyder:

Vimentin S4,6,7,8,9A mutant does not incorporate endogenous vimentin filaments into vesicle-like formations. HeLa cells were transfected with a plasmid encoding mouse vimentin mutated at serines 4,6,7,8 and 9 to alanines (S4,6,7,8,9,A). Cells were stained with an antibody against human vimentin, which stains the endogenous HeLa vimentin (green) and an antibody recognising both human and mouse vimentin (red), DNA was stained with DAPI (blue). Lack of yellow colour in vesicle-like formations suggests that the exogenous vimentin is not incorporated into the endogenous intermediate filament network.

FRONTIERS OF SCIENCE SEMINARS ORGANISED BY

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

FURTHER INFORMATION
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TURKU BIONET SEMINAR CALENDAR
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