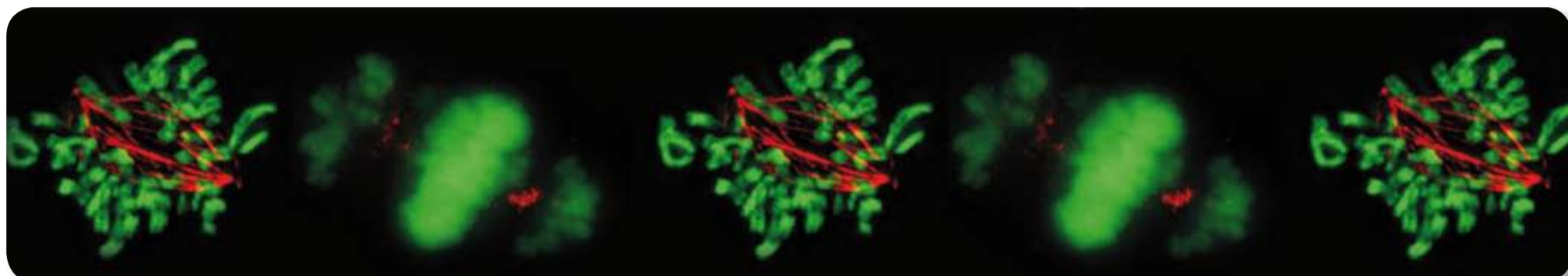


Frontiers OF Science



AUTUMN SEMINARS 2010

SEPTEMBER

**Thursday, September 2 at 12.00,
 Frontiers of Science seminar**

Prof. M. Bishr Omary, University of Michigan, Ann Arbor, MI, USA:
"Simple epithelial keratins: from liver disease susceptibility to protein insolubility"
 Host: Diana Toivola (diana.toivola@abo.fi)

**Thursday, September 9 at 12.00,
 Frontiers of Science seminar**

Dr. Timothy Bestor, Columbia University Medical Center, New York, NY, USA: *"Molecular mechanisms of epigenetic gene control in mammals"*
 Host: Riitta Lahesmaa (riitta.lahesmaa@btk.fi)

**Thursday, September 16 at 12.00,
 Frontiers of Science seminar**

Dr. Irina Artsimovitch, Ohio State University, Columbus, OH, USA:
"RNA polymerase clamps down"
 Host: Georgiy Belogurov (gebelo@utu.fi)

**Wednesday, September 29 at 12.00,
 Frontiers of Science seminar**

Prof. Ron M.A. Heeren, FOM Institute, Amsterdam, the Netherlands:
"Multi-modal molecular imaging in biomedicine: using a mass spectrometer as a microscope"
 Host: Milla-Riina Neffling (mneffling@gmail.com)

OCTOBER

**Thursday, October 21 at 12.00,
 Frontiers of Science seminar**

Prof. Sven Enerbäck, University of Gothenburg, Gothenburg, Sweden:
"Brown adipocytes of mouse and man"
 Host: Pirjo Nuutila (pirjo.nuutila@utu.fi)

**Thursday, October 28 at 12.00,
 Frontiers of Science seminar**

Prof. Hannu Larjava, University of British Columbia, Vancouver, Canada: *"How epithelial cells rule and regulate multitude of cellular and disease processes via alphaVbeta6 integrin"*
 Host: Jyrki Heino (jyrki.heino@utu.fi)

NOVEMBER

**Thursday, November 4 at 12.00,
 Frontiers of Science seminar**

Prof. Martin J. Humphries, University of Manchester, Manchester, UK:
"Proteomic analyses of adhesion receptor signalling"
 Host: Johanna Ivaska (johanna.ivaska@vtt.fi)

**Thursday, November 11 at 12.00,
 Frontiers of Science seminar**

Prof. Yrjö Konttinen, Biomedicum Helsinki, Finland:
"How endocrine regulation of organ physiology affects gender-discordance in autoimmunity"
 Host: Arno Hänninen (arno.hanninen@utu.fi)

**Thursday, November 25 at 12.00,
 Frontiers of Science seminar**

Dr. Anne-Claude Gavin, EMBL, Heidelberg, Germany:
"Biochemical approaches to biological networks"
 Host: Garry Gorthals (garry.gorthals@btk.fi)

DECEMBER

**Thursday, December 2 at 12.00,
 Frontiers of Science seminar**

Dr. Simonetta Piatti, Centre de Recherche de Biochimie Macromoléculaire CNRS, Montpellier, France: *"Ending the cell cycle: regulation of mitotic exit and cytokinesis in budding yeast"*
 Host: Marko Kallio (marko.kallio@vtt.fi)

**Thursday, December 9 at 12.00,
 Frontiers of Science seminar**

Dr. Marion F. Young, National Institutes of Health/NIDCR, Bethesda, MD, USA: *"Key roles of proteoglycans and their partners in skeletal homeostasis and disease"*
 Host: Anna-Marja Säämänen (anna-marja.saamanen@utu.fi)

**Thursday, December 16 at 12.00,
 Frontiers of Science seminar**

Prof. James Neil, University of Glasgow, Glasgow, UK:
"Roles of the Runx gene family in cell fate determination and cancer"
 Host: Petra Sipilä (petra.sipila@utu.fi)

ORIGINAL IMAGE BY Marko Kallio:

Cell division effects of a novel anti-mitotic small molecule. Drug treated Hela cells exhibit mistakes in the connections between chromosomes (green) and microtubules (red). The compound also induces fragmentation of the centrosome regions (DNA green, pericentrin red).

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>