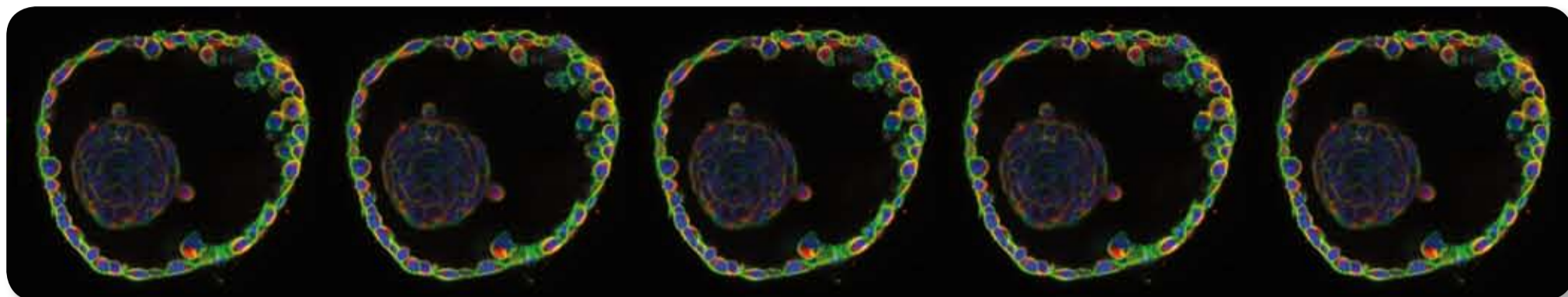


Frontiers^{OF} Science



SPRING SEMINARS 2010

FEBRUARY

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

Prof. Kalervo Hiltunen, University of Oulu, Finland:
"From cardiomyopathic mice to yeast - mitochondrial FAS"
 Host: Matti Poutanen (matti.poutanen@utu.fi)

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

Prof. Gerald F. DiBona, University of Iowa, USA:
"Neural control of the kidney: translational research applications"
 Host: Mika Scheinin (mika.scheinin@utu.fi)

**Thursday, February 18 at 12.00,
 Frontiers of Science seminar**

Dr. Georgiy Belogurov, University of Turku, Finland: *"Multisubunit RNA polymerase: understanding the mechanistic essentials of transcription"*
 Host: Jyrki Heino (jyrki.heino@utu.fi)

MARCH

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

Dr. Peter Nelson, Fred Hutchinson Cancer Research Center, University of Washington, USA:
"Exploiting the clinic as a laboratory: Targeting molecular mechanisms of therapy-resistance in prostate cancer"
 Host: Garry Corthals (garry.corthals@btk.fi)

**Friday, March 19 at 10.00,
 Frontiers of Science seminar**

Auditorium of Microbiological Institute
Please note the location and the time!
Dr. Nancy Hynes, Friedrich Miescher Institute for Biomedical Research, Switzerland: *"Targeting signaling pathways in breast cancer"*
 Host: Klaus Elenius (klaus.elenius@utu.fi)

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

Dr. Olivier Voinnet, Institut de Biologie Moléculaire des Plantes, Université de Strasbourg, France:
"Silencing small RNAs in development and defense"
 Host: Johanna Ivaska (johanna.ivaska@vt.fi)

APRIL

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

Prof. Leif Groop, Department of Clinical Sciences, Lund University, Sweden: *"Genetics of type 2 diabetes - can it be solved?"*
 Host: Pirkko Härkönen (pirkko.harkonen@utu.fi)

**Tuesday, April 13 at 12.00,
 Frontiers of Science seminar**

Please note the day of the week!
Dr. Jonathan Widom, Northwestern University, USA:
"The genomic code for nucleosome positioning"
 Host: Riitta Lahesmaa (riitta.lahesmaa@btk.fi)

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

Dr. Ken Korach, Laboratory of Reproductive & Developmental Toxicology, NIEHS/NIH, USA: *"Estrogen receptor insensitivity: consequences in hormone and endocrine physiology"*
 Host: Sari Mäkelä (sari.makela@utu.fi)

**Thursday, April 29 at 12.00,
 Frontiers of Science seminar**

Dr. Lucy Walker, Division of Immunity and Infection, University of Birmingham, UK:
"The CD4 T cell in autoimmune diseases: friend or foe?"
 Host: Arno Hänninen (arno.hanninen@utu.fi)

MAY

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

Pharmacy auditorium
Please note the location!
Dr. Colin Semple, MRC Human Genetics Unit, UK
"miRNA regulatory networks in mouse development"
 Host: Attila Gyenesei (attila.gyenesei@btk.fi)

**Thursday, May 20 at 12.00,
 Frontiers of Science seminar**

Dr. Peter Hinterdorfer, Institute for Biophysics, University of Linz, Austria:
"Single molecular recognition force spectroscopy and recognition imaging"
 Host: Pekka Hänninen (pekka.hanninen@utu.fi)

ORIGINAL IMAGE BY Ville Härmä:

PC-3 prostate cancer cells differentiate into three dimensional acinar structures in laminin-rich extracellular matrix. Despite the clear epithelial organization of the filamentous actin cytoskeleton (green) and the nuclei (blue), the cells retain some mesenchymal characteristics typical for motile cancer cells, such as the vimentin intermediate filaments shown here (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>