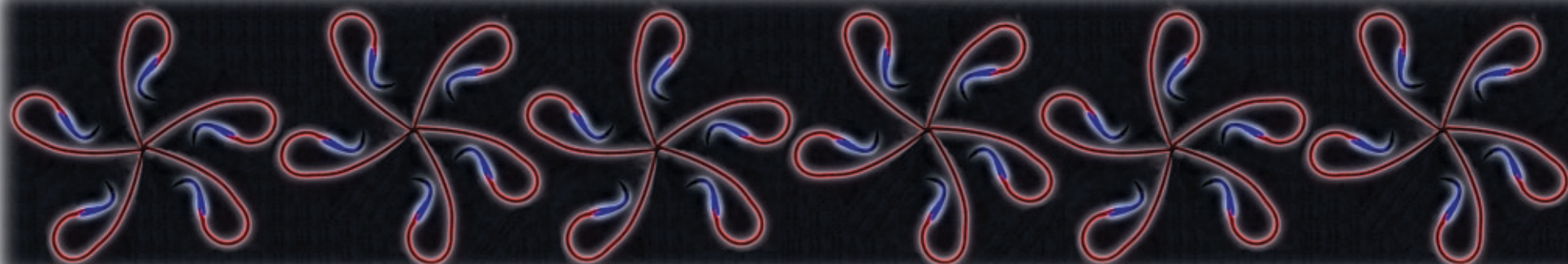


# Frontiers of Science



## AUTUMN SEMINARS 2006

### Thursday, August 31 at 12.00

Prof. Richard Vallee, Columbia University Medical Center, USA:  
*"Studies of the Smooth Brain Disease Lissencephaly Provide Insight into Neural Stem Cell Migration and Mitotic Checkpoint Regulation"*  
Host: Marko Kallio (marko.kallio@vtt.fi)

### Thursday, September 14 at 12.00

Dr. Ruggero Pardi, Unit of Leukocyte Biology, Vita-Salute University School of Medicine, DIBIT-Scientific Institute San Raffaele, Italy:  
*"A Sense of Touch: Signal Transduction by Adhesion Receptors in Mammalian Cells"*  
Host: Sirpa Jalkanen (sirpa.jalkanen@utu.fi)

### Thursday, September 21 at 12.00

Dr. Sanjeev Galande, National Centre for Cell Science, Pune, India:  
*"Bridging Signal Transduction and Chromatin Architecture: Role of PDZ-like Domain of SATB1 in Regulation of Global Gene Expression"*  
Host: Riitta Lahesmaa (riitta.lahesmaa@btk.fi)

### Thursday, September 28 at 12.00

Dr. Sarah Butcher, Structural Virology Programme, Institute of Biotechnology & Dept. Biosciences, University of Helsinki:  
*"Insights into Virus Structure and Assembly from Cryo-electron Microscopy"*  
Host: Timo Hyypiä (timo.hyypia@utu.fi)

### Thursday, October 5 at 12.00

Prof. Bernd Bukau, University of Heidelberg, Germany:  
*"Mechanisms of Molecular Chaperones"*  
Host: Lea Sistonen (lea.sistonen@btk.fi)

### Thursday, October 12 at 12.00

Prof. John P. Foreyt, Baylor College of Medicine, Department of Medicine, Houston, USA:  
*"Weight Loss that Lasts"*  
Host: Seppo Salminen (seppo.salminen@utu.fi)

### Thursday, October 19 at 12.00

Dr. Navin C. Khanna, Recombinant Gene Products Laboratory, International Center for Genetic Engineering & Biotechnology, New Delhi, India:  
*"Infectious Disease Testing: an Indian Scenario"*  
Host: Kim Pettersson (kim.pettersson@utu.fi)

### Thursday, October 26 at 12.00

Prof. Tony Ng, Kings College, London, UK:  
*"From Single Cell to the Whole Proteome - the Basis of an Optical Imaging Approach to Understand Cancer Metastasis"*  
Host: Johanna Ivaska (johanna.ivaska@vtt.fi)

### Thursday, November 2 at 12.00

Dr. Mika Rämät, Institute of Medical Technology, University of Tampere:  
*"Genome-wide Functional Analysis of Drosophila Immune Response"*  
Host: Jussi Kantele (jussi.kantele@utu.fi)

### Thursday, November 9 at 12.00

**Mikro auditorium**  
Prof. Frank E. Jones, Tulane Cancer Center, Tulane University Health Sciences Center, USA:  
*"Intracellular Signaling by the HER4/ERBB4 Cell-Surface Receptor - Unleashing the Killer Inside"*  
Host: Klaus Elenius (klaus.elenius@utu.fi)

### Thursday, November 16 at 12.00

Dr. Pekka Lappalainen, Institute of Biotechnology, University of Helsinki:  
*"Assembly of Contractile Actin Filament Structures in Mammalian Cells"*  
Host: Olli Carpén (olli.carpén@utu.fi)

### Thursday, November 30 at 12.00

Prof. William C. Hahn, Harvard Medical School, USA:  
*"Functional Genomic Approaches to Understand Human Cell Transformation"*  
Host: Jukka Westermarck (jukwes@utu.fi)

### Thursday, December 14 at 12.00

Dr. Miikka Vikkula, Laboratory of Human Molecular Genetics, Christian de Duve Institute of Cellular Pathology, Brussels, Belgium:  
*"Genetic Causes of Vascular Malformations"*  
Host: Helena Kääriäinen (helena.kaariainen@utu.fi)

#### FRONTIERS OF SCIENCE SEMINARS ORGANISED BY

Biomaterials Research, Center for Reproductive and Developmental Medicine, Diagnostic Technologies and Applications, Systems Biology Research Program, Turku Immunology Centre, Receptor Program

IMAGE BY Marko Kallio

#### TURKU BIONET SEMINAR CALENDAR

<http://www.biocity.turku.fi>

#### FURTHER INFORMATION

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[www.biocity.turku.fi](http://www.biocity.turku.fi)