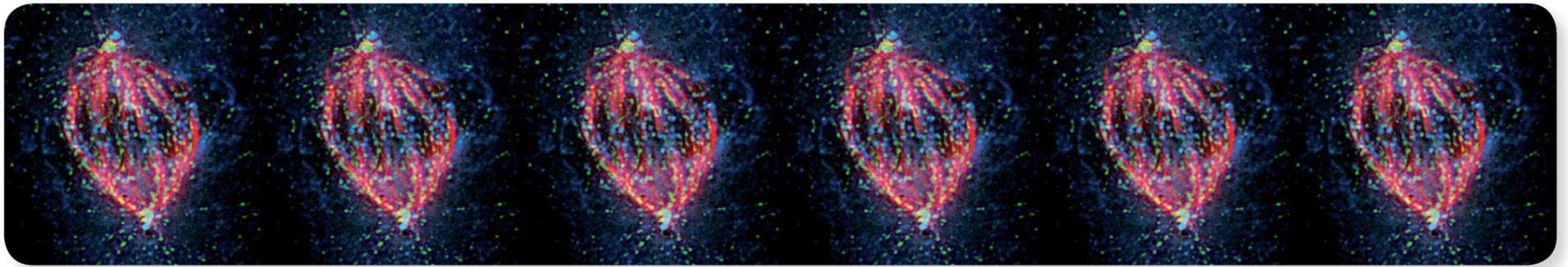


# Frontiers OF Science



## SPRING SEMINARS 2015

### JANUARY

**Thursday, January 29,  
 Frontiers of Science seminar**

**Prof. Lennart Hammarström**, Division of Clinical Immunology, Karolinska Institutet, Sweden  
*"Genetics of primary immunodeficiency disorders"*  
 Host: Olli Lassila (olli.lassila@utu.fi)

### FEBRUARY

**Thursday, February 5,  
 Frontiers of Science seminar**

**Dr. Manuel Serrano**, Spanish National Cancer Research Center (CNIO), Spain  
*"Senescence and reprogramming: two opposite cellular fates involved in tissue repair"*  
 Host: Jukka Westermarck (jukka.westermarck@utu.fi)

### MARCH

**Thursday, March 12,  
 Frontiers of Science seminar**

**Prof. Jörg Haier**, The Comprehensive Cancer Center Münster of the University Hospital of Münster, Germany  
*"MicroRNA regulation of cancer progression and treatment response"*  
 Host: Jyrki Heino (jyheino@utu.fi)

**Thursday, March 19,  
 Frontiers of Science seminar**

**Dr. Aled Clayton**, Institute of Cancer & Genetics, School of Medicine, Cardiff University, UK  
*"Exosomes in prostate cancer"*  
 Host: Kim Pettersson (kim.pettersson@utu.fi)

**Thursday, March 26,  
 Frontiers of Science seminar**

**Prof. Jakob Nilsson**, The Novo Nordisk Foundation Center for Protein Research, Denmark  
*"Regulation of spindle assembly checkpoint signalling by kinetochores"*  
 Host: Marko Kallio (marko.kallio@btk.fi)

### APRIL

**Thursday, April 9,  
 Frontiers of Science seminar**

**Prof. Manuel Tena-Sempere**, Professor of Physiology, Department of Cell Biology, Physiology and Immunology, University of Cordoba, Spain; FiDiPro Professor, Department of Physiology, Institute of Biomedicine, University of Turku  
*"Novel mechanisms for the control of puberty and its regulation by metabolic signals"*  
 Host: Matti Poutanen (matti.poutanen@utu.fi)

**Thursday, April 16,  
 Frontiers of Science seminar at 11.00**

**Prof. Greg Gibson**, Center for Integrative Genomics, Georgia Institute of Technology, USA  
*"Omic personality: Integrative genomics and individualized medicine"*  
 Host: Csilla Sipeky (csilla.sipeky@utu.fi)

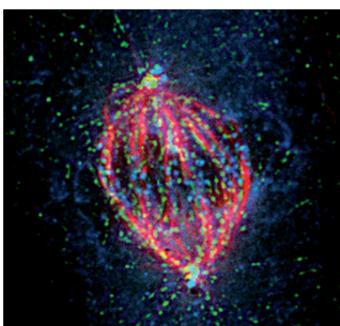
**and at 12.15**

**Dr. Ali Mortazavi**, Developmental and Cell Biology, Center for Complex Biological Systems, University of California, Irvine, USA  
*"Dynamics of open chromatin accessibility and gene expression during cell differentiation"*  
 Host: Laura Elo (laura.elo@utu.fi)

### MAY

**Thursday, May 28,  
 Frontiers of Science seminar**

**Prof. James M. Musser**, Department of Pathology and Genomic Medicine Center for Molecular and Translational Human Infectious Diseases Research, Houston Methodist Hospital, USA  
*"Molecular genetic basis of epidemic Group A Streptococcus disease: an ongoing 25-year quest"*  
 Host: Jaana Vuopio (jaana.vuopio@utu.fi)



**ORIGINAL IMAGE BY MARKO KALLIO.**  
 Dividing cervical adenocarcinoma HeLa cell with a fluorescent protein targeted to the End-Binding protein 1 (green) was immunostained to visualise microtubules (red), kinetochores (blue), and spindle poles (blue). Since early 1950s, the "immortal" HeLa cell line has revolutionized the field of cell biology.

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

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

**FRONTIERS OF SCIENCE SEMINARS ORGANISED BY**  
 Biomaterials Research, Centre for Reproductive and Developmental Medicine, Diagnostic Technologies and Applications, Receptor Program, Turku Centre for Systems Biology, Program for Infection Biology and Infectious Diseases

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 Doctoral Programme of Clinical Investigation CLIDP (UTU)  
 Doctoral Programme in Molecular Life Sciences MLS (UTU)  
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