

## The 21st Annual BioCity Symposium



# CELL DANCE

Cellular movements, choreography and partner recognition

### PROGRAM THURSDAY, AUGUST 18, 2011

- 8.45 Coffee/Tea  
 9.00 Chancellor Jarl-Thure Eriksson, Åbo Akademi University:  
*Opening words & Presentation of the Elias Tillandz prize for the best publication in BioCity Turku 2010*

#### SESSION I: Immune cells do West Coast and East Coast swing (Chair Sirpa Jalkanen)

- 9.15 Eugene Butcher, Department of Pathology, Stanford University School of Medicine, USA: *"Steady state dendritic cell trafficking: implications for the physiologic and therapeutic control of adaptive immunity"*  
 10.00 Michael Dustin, Skirball Institute, New York University, USA: *"A cytoskeletal polarity switch regulates the immune response"*  
 10.45 Poster session A & Coffee/Tea & Exhibition  
 11.45 Christopher Carman, Harvard Medical School, USA: *"Intercellular dynamics: Lessons Learned from leukocyte-endothelial interactions"*  
 12.30 Lunch & Exhibition

#### SESSION II: Rock 'n' roll around actin (Chair John Eriksson)

- 13.30 Pekka Lappalainen, University of Helsinki: *"Interplay between the actin cytoskeleton and plasma membrane in cell migration and morphogenesis"*  
 14.15 Clare M. Waterman NIH, USA: *"Integrating actin dynamics and adhesion in cell migration"*  
 15.00 Poster session B & Coffee/Tea & Exhibition  
 15.30 Anne Ridley, Randall Division of Cell and Molecular Biophysics King's College London, UK: *"Adhesion molecules on migratory routes"*  
 16.15 Johanna Ivaska, University of Turku and VTT: *"Regulation of integrin activity and traffic in migration and invasion"*  
 17.00 Cell Dance in the BioCity lobby  
 19.00 Concert at the Sibelius museum and Symposium party at Hus Lindman

### PROGRAM FRIDAY, AUGUST 19, 2011

#### SESSION III: Tango for two - Intermediate filaments & microtubules (Chair Diana Toivola)

- 9.00 Coffee/Tea  
 9.15 Andreas Hoenger, Department of Molecular, Cellular and Developmental Biology, University of Colorado at Boulder, USA: *"Cryo-electron tomography on microtubules and MAPs in vitro and in vivo"*  
 10.00 Paul Janmey, Institute of Medicine and Engineering, University of Pennsylvania, USA: *"Reorganizing the intermediate filament network in response to extracellular mechanical signals"*  
 10.45 Posters & Coffee/Tea & Exhibition  
 11.15 Short presentations selected from abstracts  
 12.00 Pierre Coulombe, Department of Biochemistry and Molecular Biology, Johns Hopkins Bloomberg School of Public Health, USA: *"Role of keratin intermediate filaments in acute and chronic diseases"*  
 12.45 Lunch & Exhibition  
 13.45 Casper Hoogenraad, Utrecht University, The Netherlands: *"Neuronal architecture and plasticity"*  
 14.30 Tim Stearns, Department of Biology, Stanford University, USA: *"The centrosome and cilium: at the center of cell signaling"*  
 15.15 Jyrki Heino: Closing Remarks

**ORGANISED BY:**  
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**THE SYMPOSIUM IS SUPPORTED BY:**  
 Åbo Akademi University Foundation  
 Drug Discovery Graduate School (DDGS)  
 Finnish Doctoral Program in Oral Sciences (FINDOS)  
 National Doctoral Programme in Informational and Structural Biology (ISB)  
 Turku Graduate School of Biomedical Sciences (TuBS)  
 Turku Postgraduate School of Health Sciences (PGS)