THURSDAY, AUGUST 17

8.45 Tapio Salmi, Åbo Akademi University: Opening words & presentation of the Elias Tillandz prize for the best publication in BioCity Turku 2016

SESSION I: Stress and quality control  
(Chair Lea Sistonen, Co-chair Jenny Joutsen)

9.00 Peter Walter, University of California, San Francisco, Howard Hughes Medical Institute, USA: The unfolded protein response and beyond

10.00 POSTER SESSION A & Coffee/Tea & Exhibition

11.00 Jennifer Lippincott-Schwartz, Janelia Research Campus, Howard Hughes Medical Institute, USA: Examining ER structure and function at increased spatial-temporal resolution

11.45 Benjamin Wolozin, Boston University School of Medicine, USA: Stress granules in neuro-degenerative disease

12.30 Lunch & Exhibition

SESSION II: Cell cycle checkpoints under attack  
(Chair Veijo Hukkanen, Co-chair Jenni Lehtinen)

13.30 Päivi Ojala, University of Helsinki, Finland: Oncogenic human herpesvirus interference with host cell cycle and DNA synthesis

14.15 Short presentations selected from abstracts

15.00 POSTER SESSION B & Coffee/Tea & Exhibition

16.00 John Doorbar, University of Cambridge, UK: Viral manipulation of cell cycle entry and epithelial differentiation

16.45 Seminar ends

19.00 Symposium party in Villa Marjaniemi

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SESSION III: Post-transcriptional challenges  
(Chair Noora Kotaja, Co-chair Tiina Lehtiniemi)

9.00 Ian Mohr, New York University School of Medicine, USA: Viral manipulation of cellular protein synthesis

9.45 POSTERS & Coffee/Tea & Exhibition

10.45 Oliver Mühlemann, University of Bern, Switzerland: Quality control of gene expression: Mechanisms for recognition and elimination of nonsense mRNA in mammalian cells

11.30 Alexei Aravin, California Institute of Technology, USA: piRNA-guided genome control in the germline

12.15 Lunch & Exhibition

SESSION IV: Trials in maintaining genomic integrity  
(Chair Klaus Elenius, Co-chair Anna Knittle)

13.15 Paula Cohen, Cornell University, USA: Ensuring quality control during crossing over in mammalian meiosis

14.00 Jiri Bartek, Danish Cancer Society Research Center, Denmark: Replication stress and genomic instability in cancer: From molecular mechanisms to treatment opportunities

14.45 Jos Jonkers, Netherlands Cancer Institute, The Netherlands: Determinants of therapy response and resistance in mouse models of BRCA-associated breast cancer

15.30 Jyrki Heino, University of Turku: Closing remarks

THE SYMPOSIUM IS SUPPORTED BY:
- Drug Research Doctoral Programme (DRDP, UTU)
- Finish Doctoral Program in Oral Sciences (FINORD, UTU)
- Doctoral Programme on Clinical Investigation (CDIP, UTU)
- Faculty of Medicine Postgraduate Education Unit (FGU, UTU)
- Doctoral Programme in Molecular Life Sciences (DPMLS, UTU)
- Turku Doctoral Programme of Molecular Medicine (TURNO, UTU)
- Doctoral Programme in Biology, Geography and Geology (BGG, UTU)
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