

The 27th Annual BioCity Symposium

CHECKPOINTS AND QUALITY CONTROL



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 Eeva-Liisa Eskelinen, University of Helsinki, Finland:
Autophagy: Quality control and stress response by self-eating

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
 (Chairs Veijo Hukkanen and Stina Syrjänen)

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

FRIDAY, AUGUST 18

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

ORGANISED BY:

BioCity Turku, University Of Turku, Åbo Akademi University

INFORMATION AND REGISTRATION

by August 9, 2017 at www.biocity.turku.fi

SUBMISSION OF POSTER ABSTRACTS

by June 12, 2017 at www.biocity.turku.fi

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Pullojen tarkistus, Auran Panimo. Turun museokeskus/Foto Roos

(Checking of bottles at Aura Brewery. Turku Museum Centre/Foto Roos)



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