

Genes, chromatin and disease



THE SYMPOSIUM IS SUPPORTED BY:
Åbo Akademi University Foundation
Biological Interactions Graduate School (BIOINT)
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ACADEMIC EXCELLENCE IN LIFE SCIENCE AND MEDICINE

14-15 August 2008

Mauno Koivisto Centre, BioCity
Tykistökatu 6, Turku, Finland

The 18th Annual
BioCity Symposium

THURSDAY, AUGUST 14, 2008

- 9.00 Coffee/Tea
- 9.15 Opening words and presentation of the Elias Tillandz prize for the best publication in BioCity Turku 2007
KEYNOTE SPEAKER
- 9.30 David Baltimore, California Institute of Technology, Pasadena: *MicroRNAs and Inflammation*
- 10.15 Poster session A & Coffee/Tea & Exhibition

1 SESSION I: *Chromatin and Transcription* (Chair Lea Sistonen)

- 11.00 Robert G. Roeder, Laboratory of Biochemistry and Molecular Biology, Rockefeller University, New York: *Role of Diverse Cofactors in Transcriptional Regulation in Animal Cells*
- 11.45 John T. Lis, Cornell University, Ithaca: *Tracking Transcription Factor Dynamics and Function during Gene Activation*
- 12.30 Lunch & Exhibition
- 13.30 James T. Kadonaga, Section of Molecular Biology, UCSD, San Diego: *Transcription and DNA Dynamics in Development and Disease*
- 14.15 Short presentations selected from abstracts
- 15.00 Poster session B & Coffee/Tea & Exhibition

2 SESSION II: *Gene Regulatory Networks I* (Chair Riitta Lahesmaa)

- 15.30 Kevin Struhl, Harvard Medical School, Boston: *Transcriptional Regulatory Mechanisms and Epigenetic Inheritance*
- 16.15 Anjana Rao, Harvard Medical School, Boston: *Gene Regulation in the Immune System*
- 19.00 Symposium Party at Villa Roma

FRIDAY, AUGUST 15, 2008

3 SESSION III: *Gene Regulatory Networks II* (Chair Olli Lassila)

- 9.00 Coffee/Tea
- 9.15 Bing Ren, Ludwig Institute for Cancer Research, UCSD, San Diego: *Transcriptional Regulatory Elements in the Human Genome*
- 10.00 Harinder Singh, Howard Hughes Medical Institute, Chicago: *Gene Regulatory Networks Orchestrating Cell Fates in the Hematopoietic System*
- 10.45 Posters & Coffee/Tea & Exhibition

4 SESSION IV: *Epigenetics in Disease* (Chair Olli Kallioniemi)

- 11.15 Henk G. Stunnenberg, Nijmegen Centre for Molecular Life Sciences, Nijmegen: *Genome-wide Action of Nuclear Hormone Receptors: Implications for Disease*
- 12.00 Lunch & Exhibition
- 13.15 Manel Esteller, Spanish National Cancer Centre (CNIO), Madrid: *Cancer Epigenetics*
- 14.00 Peter A. Jones, University of Southern California, Norris Comprehensive Cancer Center, Los Angeles: *Epigenetic Therapies*
- 14.45 Jyrki Heino: *Closing remarks*

Organised by:
BioCity Turku, University of Turku, Åbo Akademi University
Information and registration by
August 1, 2008 at www.biocity.turku.fi
Submission of poster abstracts by
June 20, 2008 to biocityturku@btk.fi
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