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Genomic Regulation: Executing the Code

Organizers: Miguel Beato, Ramin Shiekhattar, Juan Valcárcel

Satellite Mini-Symposium
"Kinases signalling to chromatin"

Organizers: Francesc Posas & Miguel Beato
8 November 2007 (afternoon)

THURSDAY 8 NOVEMBER 2007

CRG Satellite Mini-Symposium Kinases Signalling to Chromatin

Organizers & Chairs: Francesc Posas & Miguel Beato

Registration 1.30 p.m.

1. Session: 2.30 p.m.

Gustav Ammerer, University of Vienna, Austria
Title: "Stress and growth signals in yeast and their integration at the transcription level"

Shelley Berger, The Wistar Institute, Philadelphia, USA
Title: "Identification of histone phospho-binding proteins"

Rick Young, Whitehead Institute, Cambridge, USA
Title: "Signaling and transcriptional regulation"

Coffee break 4.30 p.m.

2. Session: 5.00 p.m.

James R. Davie, Manitoba Institute of Cell Biology, Canada
Title: "H3 and HDAC2 phosphorylation"

Francesc Posas, Universitat Pompeu Fabra, Barcelona, Spain
Title: "Control of gene expression by the SAPK Hog1 in yeast"

Louis Mahadevan, University of Oxford, UK
Title: "Kinase cascades, chromatin and inducible genes in mammalian cells"

3. General discussion 7.00 p.m.

End 7.30 p.m.

9/10 NOVEMBER 2007

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FRIDAY 9

Registration 8.00 a.m.

1. NUCLEAR DYNAMICS 9.00 a.m.

CHAIR: Iain Mattaj, EMBL, Heidelberg, Germany

Peter Fraser, The Babraham Institute, Cambridge, UK
Title: "Transcription Factories and Nuclear Organization"

Angus Lamond, University of Dundee, UK
Title: "Molecular analysis of nucleolar dynamics"

Rob H. Singer, Albert Einstein College of Medicine, New York, USA
Title: "Dynamics of mRNA"

Coffee break 11.00 a.m.

2. GLOBAL GENE REGULATION 11.30 p.m.

CHAIR: Miguel Beato, Centre for Genomic Regulation, Barcelona, Spain

Tom Gingeras, Affimetrix, Santa Clara, USA
Title: "Genome-Wide Maps of the Human Transcriptome Reveal an Intervaled Organization and Novel Short and Long Classes of RNAs"

Rick Young, Whitehead Institute, Cambridge, USA
Title: "Regulatory Circuitry of Human Embryonic Stem Cells"

Raúl Méndez, Centre for Genomic Regulation, Barcelona, Spain
Title: "A combinatorial code for cytoplasmic polyadenylation"

Lunch 01.30 p.m.

3. CHROMATIN 03.30 p.m.

Chair: Shelley Berger, The Wistar Institute, Philadelphia, USA

Tony Kouzarides, The Gurdon Institute, Cambridge, UK
Title: "Chromatin modifications and their function"

Luciano Di Croce, Centre for Genomic Regulation, Barcelona, Spain
Title: "Writing and reading aberrant silencing epigenetic marks in cancer"

Ali Shilatifard, St. Louis University Cancer Center, St. Louis, USA
Title: "Translating histone crosstalk between H2B monoubiquitination and H3 methylation by COMPASS"

Coffee break 05.30 p.m.

4. RNA PROCESSING 06.00 p.m.

Chair: Juan Valcarcel, Centre for Genomic Regulation, Barcelona, Spain

Robert Darnell, The Rockefeller University, New York, USA
Title: "Identifying RNA regulatory maps"

Gideon Dreyfuss, University of Pennsylvania School of Medicine, Philadelphia, USA
Title: "The SMN Complex: a Master Orchestrator of Cellular RNAs"

James Manley, Columbia University, New York, USA
Title: "Diverse mechanisms regulate processing of mRNA precursors"

Saturday 10

5. TRANSLATIONAL CONTROL 09.00 a.m.

Chair: Joel Richter, Worcester, USA

Anne Ephrussi, EMBL, Heidelberg, Germany
Title: "Assembly of an RNP for mRNA localization and translational control"

Joel Richter, University of Massachusetts Medical School, Worcester, USA
Title: "Translational Control of Cellular Senescence"

Nahum Sonenberg, McGill University, Montreal, Canada
Title: "Translational control by the mRNA5' cap-structure"

Coffee break 11.00 a.m.

6. REGULATORY RNA 11.30 a.m.

Chair: Ramin Shiekhattar, Centre for Genomic Regulation, Barcelona, Spain

Shiv Grewal, National Cancer Institute, Bethesda, USA
Title: "Heterochromatin; A Versatile Platform of the Genome"

Ramin Shiekhattar, Centre for Genomic Regulation, Barcelona, Spain
Title: "Biochemical dissection of RNA interference in human cells"

Dinshaw Patel, Memorial Sloan-Kettering Cancer Centre, New York, USA
Title: "Small RNAs: Mediators of Gene Regulation, Catalysis and Silencing"

End 01.30 p.m.