

Barcelona Symposium “Frontiers in Biology”

PROGRAM

7-9 March 2011

7th March 2011 (Day 1)

14:00-18:00 Registration

8th March 2011 (Day 2)

08:00-09:00 Registration

09:00-09:15 Welcome

GENOMES & EPIGENOMES

09:20-10:00 Tony KOUZARIDES
The Gurdon Institute, University of Cambridge, UK
“Chromatin modification pathways: Their function and role in cancer”

10:00-10:40 Luciano DI CROCE
Centre for Genomic Regulation (CRG), Barcelona, ES
“Epigenetic Gene Regulation in Cancer”

10:40-11:00 *Coffee break*

11:00-11:40 Alberto KORNBLIHTT
FCEN, DFBMC, Universidad de Buenos Aires IFIBYNE-CONICET, Buenos Aires, AR
“Chromatin, pol II elongation and alternative splicing”

11:40-12:20 Juan VALCÁRCEL
Centre for Genomic Regulation (CRG), Barcelona, ES
“Alternative pre-mRNA splicing regulation and the control of cell proliferation”

12:20-13:00 Olivier POURQUIÉ
Institute of Genetics and Molecular and Cellular Biology (IGBMC), Illkirch, FR
“Patterning of the vertebrate axis”

13:00-15:00 *Time for Lunch*

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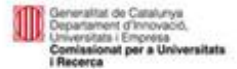


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CELL POLARITY & GROWTH

- 15:00-15:40 Vivek MALHOTRA
Centre for Genomic Regulation (CRG), Barcelona, ES
“Mechanism of cargo packing and sorting during protein secretion”
- 15:40-16:10 Sophie MARTIN
Department of Fundamental Microbiology, University of Lausanne, CH
“Cell cycle and morphogenesis in fission yeast”
- 16:10-16:50 François SCHWEISGUTH
Institut Pasteur, CNRS, Paris, FR
“Live imaging of Notch regulation by Numb”
- 16:50-17:20 *Coffee Break*
- 17:20-17:50 Hernán LÓPEZ-SCHIER
Centre for Genomic Regulation (CRG), Barcelona, ES
“Building and breaking epithelial symmetry”
- 17:50-18:20 Isabel PALACIOS
University of Cambridge, UK
“The Hippo tumor suppressor pathway, tissue architecture and cell fate”
- 18:20-19:00 Daniel ST JOHNSTON
The Gurdon Institute, University of Cambridge, UK
“Polarizing the Drosophila dorsal-ventral axis: a novel mechanism of nuclear movement”

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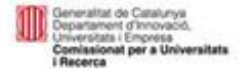
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9th March 2011 (Day 3)

DEVELOPMENTAL CELL BIOLOGY

- 09:00-09:30 Christian JOPLING
*Center of Regenerative Medicine in Barcelona (CMRB),
Barcelona, ES*
“Zebrafish heart regeneration”
- 09:30-10:00 Marco MILÁN
ICREA and IRB Barcelona, ES
“Growth control in Drosophila”
- 10:00-10:40 Marcos GONZÁLEZ-GAITÁN
University of Geneva, CH
“Dynamics of Dpp signaling and growth control”
- 10:40-11:20 *Coffee break*
- 11:20-11:50 Salvador AZNAR-BENITAH
Centre for Genomic Regulation (CRG), Barcelona, ES
“Establishment of epidermal stem cell heterogeneity by a
molecular clock”
- 11:50-12:20 Sabrina DESBORDES
Centre for Genomic Regulation (CRG), Barcelona, ES
“Cellular Plasticity in the Neural Lineage”
- 12:20-13:00 Bassem HASSAN
*Department of Molecular and Developmental Genetics,
Center for Human Genetics, VIB and KU Leuven School
of Medicine, Leuven, BE*
“Cell fate specification in Developmet and Disease”
- 13:00-15:00 *Time for Lunch*

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SENSORY SYSTEMS

- 15:00-15:30 Richard BENTON
Center for Integrative Genomics, University of Lausanne, CH
“Olfactory revolution and evolution”
- 15:30-16:00 Matthieu LOUIS
Centre for Genomic Regulation (CRG), Barcelona, ES
“Decision making in a model of chemotaxis”
- 16:00-16:40 Barry DICKSON
Research Institute of Molecular Pathology, Vienna, AT
“Wired for sex: the neurobiology of Drosophila courtship behaviour”
- 16:40-17:20 Claude DESPLAN
Center for Developmental Genetics, Department of Biology, New York University, US
“Detection and processing of color information in Drosophila”
- 17:20 Closing remarks

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