

WORKSHOP

EPIGENETIC MECHANISMS IN HEALTH AND DISEASE

Final Meeting “Epigenetics” Consolider Project

PROGRAM

12-13 May 2011

Thursday May 12

17:00 Registration

18:50 Welcome by **Miguel BEATO**
CRG Director

19:00 Keynote Lecture

Shelley BERGER

University of Pennsylvania, Philadelphia US

“The complex language of histone post-translational modifications in genomic regulation”

20:30 Speakers Dinner

Friday May 13

Chair: Genevieve ALMOUZNI

09:00 Keynote Lecture

Danny REINBERG

Howard Hughes Medical Institute, Department of Biochemistry, New York University School of Medicine, New York US

“Molecular Mechanisms of Epigenetic Inheritance”

09:45 **Peter BECKER**

Ludwig-Maximilians-University, Munich DE

“Physical and functional interactions of ACF and a DOMINO complex in cell fate specification”

10:15 **Miguel BEATO**

Centre for Genomic Regulation (CRG), Barcelona ES

“Structural dynamics of chromatin in hormonal gene regulation”

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10:45 **Luciano DI CROCE**

Institució Catalana de Recerca i Estudis Avançats (ICREA) and Centre for Genomic Regulation (CRG), Barcelona ES

“Chromatin and Its Impact on Gene Expression and Cancer”

11:15 Coffee, posters

Chair: Peter BECKER

11:45 **Geneviève ALMOUZNI**

Laboratory of Nuclear Dynamics and Genome Plasticity, UMR 218 CNRS / Institut Curie, Paris FR

“Epigenetic challenges in centromere in inheritance during the cell cycle”

12:15 **Ferran AZORIN**

Institute of Molecular Biology of Barcelona, CSIC, Institute for Research in Biomedicine (IRB Barcelona), Barcelona ES

“Epigenetic regulation of transcription: the contribution of Drosophila dKDM5/LID and HP1c”

12:45 **Thomas GRAF**

Institució Catalana de Recerca i Estudis Avançats (ICREA) and Centre for Genomic Regulation (CRG), Barcelona ES

“Transdifferentiation of B cells into macrophages: where are we?”

13:15 **Miguel Ángel PEINADO**

Institute of Predictive and Personalized Medicine of Cancer (IMPPC), Badalona ES

“Epigenetic changes in colorectal cancer: figurants, secondary and main characters”

13:45 Lunch, posters

Chair: Tony KOUZARIDES

15:30 **Tony KOUZARIDES**

Gurdon Institute, University of Cambridge, UK

“Chromatin modifying enzymes: their function and role in cancer”

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- 16:00 **Manel ESTELLER**
Cancer Epigenetics and Biology Program (PEBC), Bellvitge Biomedical Research Institute (IDIBELL), Barcelona ES
“Human Cancer Epigenetics”
- 16:30 **Marian MARTINEZ-BALBAS**
Department of Molecular Genomics, Barcelona Molecular Biology Institute (IBMB), CSIC, Parc Científic de Barcelona, Barcelona ES
“JMJD3: a new regulator of TGF β and BMP developmental signaling pathways”
- 17:00 **Gerardo LOPEZ-RODAS**
Chromatin Laboratory, Department of Biochemistry and Molecular Biology, University of Valencia, Valencia ES
“Hepatocyte proliferation and multiple sclerosis: the two main research lines at chromatin laboratory connecting epigenetics and diseases”
- 17:30 Coffee, posters
- 18:00 **Jose Carlos REYES**
Centro Andaluz de Biología Molecular y Medicina Regenerativa, Consejo Superior de Investigaciones Científicas (CABIMER-CSIC), Sevilla ES
“Control of the BHC histone demethylase complex function during neuronal differentiation”
- 18:30 Keynote Lecture
Thomas JENUWEIN
Max-Planck Institute of Immunobiology and Epigenetics, Freiburg DE
“Epigenetic Control by Histone Methylation”
- 19:15 General discussion: “The Future of Epigenetics”
- 20:00 Closing words by **Montserrat TORNÉ**
General Director of Research, Ministerio de Ciencia e Innovación
- 21:00 Speakers Dinner