



Institut
d'Estudis
Catalans



Societat Catalana
de **BIOLOGIA**

XI Jornada de Cromatina i Epigenètica

***Organitzada per la Secció de Cromatina i Epigenètica de la
Societat Catalana de Biologia (SCB)***

amb el Barcelona Chromatin Club (BCC)



XI Annual Chromatin and Epigenetics symposium

***Organized by the Chromatin and Epigenetics section of the
Catalan Society of Biology (SCB)***

—Albert Jordan—

May 14, 2021

PROGRAM

9:20 Opening

Session I. Chair: Albert Jordan (IBMB-CSIC)

- 9:30-9:50** **15min +5**
Montserrat Corominas (UB)
Long non-coding RNAs in *Drosophila* regeneration
- 9:50-10:10** **15min +5**
María José Barrero (CNIO-IMDEA)
Epigenetics meets immuno-oncology
- 10:10-10:30** **15min +5**
Alicia Roque (UAB)
Learning about the regulation of histone H1 somatic subtypes with OMICs
- 10:30-10:40** Short talk 1 **8min +2**
Guillermo Vicent (IBMB-CSIC)
Peculiarities of progesterone action in breast cancer cells at physiological concentrations
- 10:40-10:50** Short talk 2 **8min +2**
Jofre Font (CRG)
Is entry of the hormone into the cells essential for its action?
- 10:50-11:00** Short talk 3 **8min +2**
Emma Koehorst (IGTP)
DNA methylation profiles across clinical subtypes of Myotonic Dystrophy type 1 patients
- 11:00-11:10** Sponsor' talk **8min +2**
Sarantis Chlamydas (Active Motif)
Cut&Tag and ChIP-Seq: How to synergize your chromatin research?
- 11:10-11:30 break**

Session II. Chair: Guillermo Vicent (IBMB-CSIC)

- 11:30-11:50** **15min +5**
Miguel A. Peinado (IGTP)
A genomic hitchhiker in the driver's seat
- 11:50-12:10** **15min +5**
Ángel Barco (UMH-CSIC)
ID-linked KDMs prevent spurious transcription in neurons
- 12:10-12:30** **15min +5**

Joan-Ramon Daban (UAB)

Multilayer chromatin in mitotic chromosomes and interphase nuclei: possible functional implications in gene expression and DNA replication and repair

12:30-12:50

15min +5

Jordi Bernués (IBMB-CSIC)

Linker histone dH1K27 dimethylation marks *Drosophila* heterochromatin independently of H3K9 methylation

12:50-13:00 Short talk 4

8min +2

Mariona Latorre (FIDMAG)

Impact of COMT and BDNF epigenetic profiles on brain cortex in schizophrenia

13:00-14:30 *break*

Session III. Chair: Montserrat Corominas (UB)

14:30-14:50

15min +5

Marc A. Martí-Renom (CRG-CNAG)

Chromosome tracing with OligoFISSEQ

14:50-15:10

15min +5

Francesc Piferrer (ICM-CSIC)

Development of epigenetic biomarkers to aid in animal production, natural resource management and the assessment of the effects of climate change

15:10-15:30

15min +5

Esteban Ballestar (IJC)

Uncovering Epigenetic Determinants of Primary Immune Deficiencies

15:30-15:50

15min +5

Joaquim Roca (IBMB-CSIC)

Condensin minimizes topoisomerase II-mediated entanglements of intracellular DNA

15:50-16:10

15min +5

Lorenzo Pasquali (UPF)

Pancreatic islets noncoding regulatory functions and type 1 diabetes

16:20 *Closing*

Secretaries of SCB:

Mariàngels Gallego and Maite Sánchez

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