

Program of the 2nd “Signaling Through Chromatin” symposium:

Tuesday Sept 22, 1:45 - 6:00pm

1:00 - 1:45 *Registration*
1:45 - 2:00 *Introductory note*

Session 1 **Keynote lectures**

2:00 - 2:45 **E. Heard (Curie Institute, Paris)**
Exploring chromatin mechanisms of gene repression and escape during X-chromosome inactivation

2:45 - 3:30 **D. Moazed (Harvard Medical School, Boston)**
Establishment and Epigenetic Inheritance of Silent Chromatin Domains

3:30 - 3:45 Short talk (to be chosen from poster abstracts)

Coffee break

Session 2 **Non coding RNA and gene silencing**

4:15 - 4:45 **R. Pillai (EMBL, Grenoble)**
Genome defense by germline small RNAs

4:45 - 5:15 **D. Gabellini (Dulbecco Telethon Institute, Milan)**
Molecular characterization of DBE-T lncRNA driving FSHD muscular dystrophy

5:15 - 5:30 Short talk (to be chosen from poster abstracts)

5:30 - 6:00 **S. Chlamydas (Active Motif)**
Advances in Chromatin Immunoprecipitation

Wednesday Sept 23, 9:00 - 12:30pm

Session 3 **Transcription regulation and machineries**

9:00 - 9:30 **F. Parcy (iRTSV, Grenoble)**
Structural insights into LEAFY function and evolution

9:30 - 10:00 **N. Luscombe (University College London & The Francis Crick Institute, London)**
Understanding genome organisation: using HiC data to interpret gene regulation and non-coding mutations

10:00 - 10:30 **Reini F. Luco (IGH, Montpellier)**
Beyond the DNA: the role of chromatin and long non-coding RNAs in alternative splicing regulation

10:30 - 10:45 Short talk (to be chosen from poster abstracts)

Coffee break

Session 4 **Chromatin and transcription in development**

11:15 - 11:45 **S. Khochbin (IAB, Grenoble)**
Competing histone acylations drive male genome programming

- 11:45 - 12:15 **ME. Torres-Padilla (IGMBC, Strasbourg)**
Epigenetic mechanisms in early mammalian development: searching for global chromatin trends
- 12:15 - 12:30 Short talk (to be chosen from poster abstracts)
- 12:30 - 2:00 *Lunch and Poster viewing*

Wednesday Sept 23, 2:00 - 7:00pm

Session 5 Histone modifications and readers

- 2:00 - 2:30 **Y. Zhao (University of Chicago)**
Epigenetic regulation by a family of short-chain lysine acylations
- 2:30 - 3:00 **H. Neumann (University of Göttingen)**
Bioorthogonal strategies to study chromatin structure and dynamics
- 3:00 - 3:15 Short talk (to be chosen from poster abstracts)
- 3:15 - 3:30 **CisBio**
(Title to be announced)
- Coffee break*
- 4:00 - 4:30 **P. Filippakopoulos (University of Oxford)**
Selective and non-selective direct inhibition of bromodomain-acetyl-lysine readout
- 4:30 - 4:45 Short talk (to be chosen from poster abstracts)
- 4:45 - 5:00 **M. Ploquin (New England Biolabs)**
New Tools for Cellular Imaging and Editing.
- 5:00 - 7:00 *Wine & Cheese - Poster viewing*

Thursday Sept 24, 9:00 - 12:00pm

Session 6 Chromatin dynamics

- 9:00 - 9:30 **A. Hamiche (IGBMC, Strasbourg)**
Epigenetic regulation by histone variants
- 9:30 - 10:00 **A. Taddei (Curie Institute, Paris)**
Spatial reorganization of telomeres triggered by mitochondrial activity promotes viability in quiescent cells
- 10:00 - 10:15 Short talk (to be chosen from poster abstracts)
- Coffee break*
- 10:45 - 11:15 **J. Rappsilber (Wellcome Trust Center for Cell Biology, Edinburgh)**
Chromatin factors mapped by co-regulation patterns in proteomic experiments
- 11:15 - 11:30 Short talk (to be chosen from poster abstracts)
- 11:30 - 12:00 *Poster award and Final note*