Genome Dynamics and RNA Biology BIOLUM Axis
Inaugural Symposium - March 17th, 2026

CNRS-DR13 Amphitheater, 1919 Route de Mende, Montpellier

BioLuM
Biocentre Lunaret Montpellier

9h15 - Introduction by the organizers: D. Helmlinger, JC. Andrau & M. Lagha

9.30-10h20 Ibrahim Cissé (Max Planck Institute, Freiburg)
Super-resolution imaging of transcription in living cells

10h20-10h40 Shaswati Sarbagna (CRBM, BIOLuM), replaced by Albert Tsai
Understanding the Nuclear Organization of Transcription Factors in Embryogenesis

10h40-11h10 Coffee Break

11h10-11h30 Pol Arnau Romeo (IGMM, BIOLuM)
Epigenetic and mechanosensing perturbations in human Kabuki syndrome

11h30-11h50 Dune Noly (CRBM, BIOLuM)
Determinants of transcription regulation by the SAGA and TIP60 co-activator complexes

11h50-12h20 Edouard Bertrand (IGH, Montpellier)
Single-Molecule DNA Footprinting and Transcription Imaging Reveal the Molecular Mechanisms of Promoter Dynamics

12h20-12h30 BGI Sponsor Talk
Mapping Life with Stereo-seq: Nanoscale Spatial Solutions for FF & FFPE Tissues

12h30-14h00 LUNCH (Pôle Balard)

14h00-14h50 Christa Buecker (Max Perutz Labs, Vienna)
Building to understand: Enhancer-Promoter Communication in the Context of Regulatory Landscapes

14h50-15h20 Maud Borensztein (IGMM, BioLUM)
Reprogramming the X chromosome: in vivo and in vitro insights from the mammalian germline

15h20-15h40 Pierre Bensidoun (IGMM, BIOLuM)
Spatiotemporal Regulation of Translation during Zygotic Genome Activation

15h40-16h00 Coffee Break

16h00-16h20 Flora Paldi (IGH)
Transient histone deacetylase inhibition induces cellular memory of gene expression and 3D genome folding

16h20-16h40 Francisco Gutierrez (IGMM, BIOLuM)
R-loops revisited through the magnifying glass of H-CRAC

16h40-17h10 Konstantin Brodolin (IRIM, BioLUM)
Conformational dynamics of RNA polymerase as a driving force in transcription

17h10-17h15 Closing remarks

17h15-17h45 Discussion between invited speakers and Master, PhD students, and postdocs
IGMM room A with I. Cissé - IGMM room C with C. Buecker

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