

5th Epigenetics Conference From Mechanisms to Therapies

01 – 04 October 2026 | Lisbon, Portugal



Synopsis

Our ability to read, interpret and manipulate the genome has entered an era defined by single-cell resolution, 3D chromatin organization, and the integration of cell-intrinsic gene regulation, metabolic inputs and environmental challenges with human disease biology. Epigenetic mechanisms – considered as the “regulators of the regulators” – sit at the centre of efforts to understand development, aging and the molecular origins of disease. At the same time, the boundaries between chromatin biology, nuclear metabolism, transcriptional regulation, stem cell and cancer biology have largely dissolved. Modern research demands a fully integrated perspective.

The 5th Epigenetics: From Mechanisms to Therapies meeting will bring together leading scientists driving this transformation. This edition will highlight how chromatin organisation, nuclear architecture, gene regulatory networks, metabolism and RNA-based mechanisms converge to shape cell identity and plasticity across development, homeostasis and disease. A major focus will be placed on single-cell and spatial genomics, cutting-edge epigenomic technologies and new cellular models, as well as on epigenetic mechanisms modulating cancer, neurodevelopmental and neurological diseases.

Target Audience

This conference is ideal for researchers – PhD students, postdocs, group leaders and clinician-scientists – working in gene regulation, chromatin architecture, nuclear biology, epigenetics, stem cell and developmental biology, cancer research and single-cell technologies.

Colleagues from biotech and pharma, particularly those focused on epigenetic therapies, precision oncology, regenerative medicine, computational biology, genome engineering, and emerging diagnostics, will find a rich environment for scientific exchange and strategic insight.

Important Dates



Early Bird & Talk Deadline – 02 Apr 2026

Poster & Registration Deadline – 02 July 2026

FUSION
CONFERENCES

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From Mechanisms to Therapies

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Chaired by Giacomo Cavalli
Institute of Human Genetics



Chaired by Luciano Di Croce
Centre for Genomic Regulation

Confirmed Invited Speakers

Karen Adelman

Harvard Medical School

Geneviève Almouzni

Institut Curie

Effie Apostolou

Weill Cornell Medical College

Adrian Bracken

Trinity College Dublin

Anne Brunet

Stanford University

Yael David

MSKCC

Angelika Feldmann

German Cancer Research Center (DKFZ)

Yvonne Fondufe-Mittendorf

Van Andel Institute

François Fuks

Université Libre de Bruxelles

Charles Gersbach

Duke University

Johannes Gräff

EPFL

Ernesto Guccione

Icahn School of Medicine at Mount Sinai

Nada Jabado

McGill University

Andreas Ladurner

LMU Munich

Lluís Morey

University of Miami

Elisa Oricchio

EPFL

Diego Pasini

IEO

Ramin Shiekhataar

University of Miami

Ali Shilatifard

Northwestern University

Austin Smith

University of Exeter

Sara Wickstrom

Max Planck Institute for Molecular Biomedicine

Wei Xie

Tsinghua University

Fides Zenk

EPFL