

KEYSTONE SYMPOSIA

on Molecular and Cellular Biology

Epigenetics, Chromatin Architecture, Development and Disease (EK22)

May 24-24, 2021 • Virtual at your computer

Scientific Organizers: Shelley L. Berger, Geneviève Almouzni, Luciano Di Croce, Clodagh C. O'Shea, Joanna Wysocka and Eileen E.M. Furlong

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MONDAY, MAY 24

Epigenetics, Chromatin, Development and Disease (7am Denver/Mountain Time Start)

*Geneviève Almouzni, Centre National de la Recherche Scientifique, France

*Eileen E.M. Furlong, European Molecular Biology Laboratory, Germany

Mark A. Dawson, Peter MacCallum Cancer Centre, Australia

Identifying Non-Genetic Features of Malignant Clonal Dominance at Single Cell Resolution

Magda Bienko, Karolinska Institutet, Sweden

Radial Distribution of Genetic and Epigenetic Features of Chromatin in the Mammalian Nucleus

Juanma Vaquerizas, MRC London Institute of Medical Sciences, UK

Chromatin Conformation during Early Embryonic Development

Yang Shi, Ludwig Institute for Cancer Research, Oxford Branch, UK

[NOT AVAILABLE ON DEMAND] Chromatin Regulation of Tumor Responses to Immune Checkpoint Blockade

Effie Apostolou, Weill Cornell Medical College, USA

Postmitotic Molecular Resetting of Pluripotent Stem Cell Identity

Chromatin Architecture in Development and Human Health (9:05am Denver/Mountain Time Start)

*Luciano Di Croce, CRG - Center for Genomic Regulation, Spain

*Shelley L. Berger, University of Pennsylvania, USA

Edith Heard, European Molecular Biology Laboratory, Germany

Chromatin-Based Mechanisms of Gene Silencing during X-Chromosome Inactivation

Ana Pombo, Max Delbrück Centre for Molecular Medicine, Germany

Specialization of Brain Cell Types is Encoded by Specific 3D Genome Structures

Mounia Lagha, Centre National de la Recherche Scientifique, France

Transcription Dynamics during Early Drosophila Development

Jason Buenrostro, Harvard University, USA

Single-Cell Epigenomics: Gene Regulation at Unprecedented Resolution

Alistair Boettiger, Stanford University, USA

How Does Structural Flexible Chromatin Regulate Reliable Gene Expression?

Networking Lounge (11am Denver/Mountain Time Start)