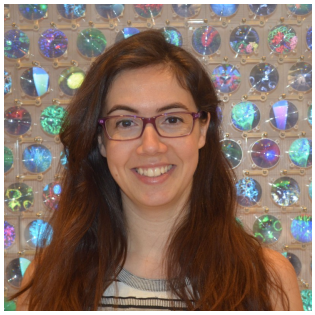
JUN 25th 2024 | 4:00PM CET VIRTUAL

iPSZÜRICH

A Lecture Series Focused on Induced Pluripotent Stem Cells

Weill Cornell Medicine



Effie Apostolou, PhD
Weill Cornell Medicine

DISSECTING EPIGENETIC MECHANISM OF CELL FATE TRANSITIONS

My group focuses on the study of 3D chromatin organization and its interplay with transcription during cell fate transitions, such as reprogramming and differentiation. This talk will focus on our efforts to construct cell-type specific 3D regulatory networks in order to identify central 3D regulatory hubs, and to model and predict transcriptional behaviors in early development and in Glioblastoma. I will also present unpublished findings regarding a physiological, transient acquisition of a plastic state in terminally differentiated Germinal Center B cells during adaptive immune response.