Emerging views in 3D genomics

Wednesday, from 09:30 to 10:30 AM
BIMSB, Large Conference Room
Hannoversche Str. 28, 10115 Berlin

Systems Biology Lectures

Juanma Vaquerizas, MPI Mol Biomedicine, Münster
Transposable element-driven reorganisation of the 3D genome during early embryonic development

Kyung-Min Noh, EMBL, Heidelberg
Molecular function of specific histone residues in neurodevelopment and diseases

Sara Wickström, University of Helsinki
Mechanical forces and the nucleus: regulation of cell fate and beyond

Verena Heinrich, MPI Mol Genetics, Berlin
Analysis strategies for 4C-seq experiments

Denes Hnisz, MPI Mol Genetics, Berlin
Transcriptional condensates in health and disease

Jina Sukces, LMU Munich
Spatial organization of transcribed genes in eukaryotic cells

Susanne Mandrup, University of Southern Denmark, Odense
Transcriptional networks and epigenomic mechanisms driving lineage-determination of human MSCs

Verena Heinrich, MPI Mol Genetics, Berlin
Analysis strategies for 4C-seq experiments

Irina Solovei, LMU Munich
Spatial organization of transcribed genes in eukaryotic cells

Manolis Dermitzakis, University of Geneva
Looking under the hood: studying genetic variation in the context of 3D genome complexity

If you like to meet the speakers please contact Grietje Krabbe: grietje.krabbe@mdc-berlin.de