

9th CNAG Symposium on Genome Research: 3DGenomics

11th April 2019

Auditori Antoni Caparrós - Parc Científic de Barcelona (Torre D)
C/ Baldiri Reixac, 4 08028 Barcelona

8:30	REGISTRATION
9:00	Welcome and CNAG introduction Ivo Gut , Director, Centro Nacional de Análisis Genómico (CNAG-CRG), Barcelona, ES
9:00	"The role of the 3D genome in the regulation of differentiation and development" Giacomo Cavalli , IGH-CNRGS, Montpellier, FR
10:00	"Distinct contributions of cohesin variants to genome folding in mouse ES cells" Ana Losada , CNIO, Madrid, ES
10:30	"Arima-HiC for 3D chromatin conformation analysis" Jerell Aguila , ARIMA GENOMICS, San Diego, USA
11:00	COFFEE BREAK
11:30	"FISHomics: simultaneous, single-cell detection of chromosome architecture and transcription" Marcelo Nollmann , Centre National de la Recherche Scientifique (CNRS), Centre de Biochimie Structurale, Montpellier, FR
12:00	"3D structural dynamics of the SOX2 locus activation" Marc A. Marti-Renom , ICREA-CNAG-CRG, Barcelona, ES
12:30	"Nucleosomes Influence Mutation Rate" Núria López-Bigas , Institute for Research in Biomedicine, Barcelona, ES
13:00	LUNCH
14:00	"3D genome dynamics in normal and neoplastic B cells" Iñaki Martin-Subero , ICREA-IDIBAPS, Barcelona, ES
14:30	"Histone variants linking 3D chromatin architecture to metabolism" Marcus Buschbeck , IJC, Badalona, ES
15:00	"Three-dimensional genome structure during mouse spermatogenesis" Aurora Ruíz-Herrera , UAB, Bellaterra, ES
15:30	"Role of CTCF during B cell leukaemia transdifferentiation into macrophages" Thomas Graf , CRG, Barcelona, ES
16:00	VISIT TO CNAG-CRG INSTALLATIONS

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