

Multi-scale Genomics workshop



Multiscale Complex Genomics

Coordinated by:



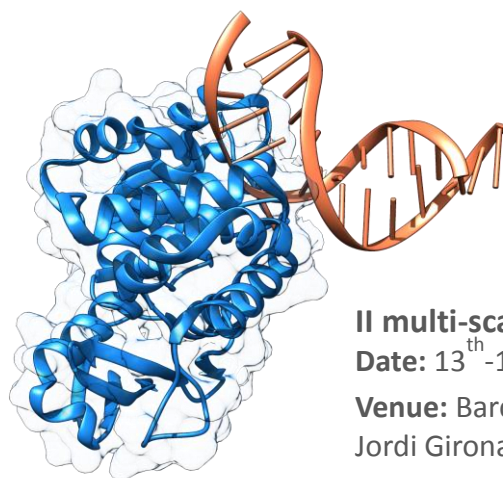
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II multi-scale study of 3D chromatin structure

Date: 13th-14th December 2017

Venue: Barcelona Supercomputing Center
Jordi Girona, 29-31, 08034 Barcelona

<http://www.multiscalegenomics.eu/MuGVRE/training/>

Multi-scale study of 3D Chromatin structure: 2nd edition

This workshop will introduce participants to the Virtual Research Environment (VRE) created by the Multi-scale complex Genomics project (MuG), to facilitate the analysis and interpretation of the 3D and 4D structure genome.

The MuG VRE integrates a range of data from genome annotation to 3D folding and DNA flexibility. Recent studies have shown the role that genome organisation can play in gene expression and the VRE has been designed to provide a way of analysing such data.

The course will explore how to use the multi-scale features and integrated tools of the VRE through the study of real biological examples.

Instructors:

Modesto Orozco (IRB Barcelona)
Federica Battistini (IRB Barcelona)
Jürgen Walther (IRB Barcelona)
Ricard Illa (IRB Barcelona)
Brian Jiménez (BSC)
Charles Laughton (University of Nottingham)
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