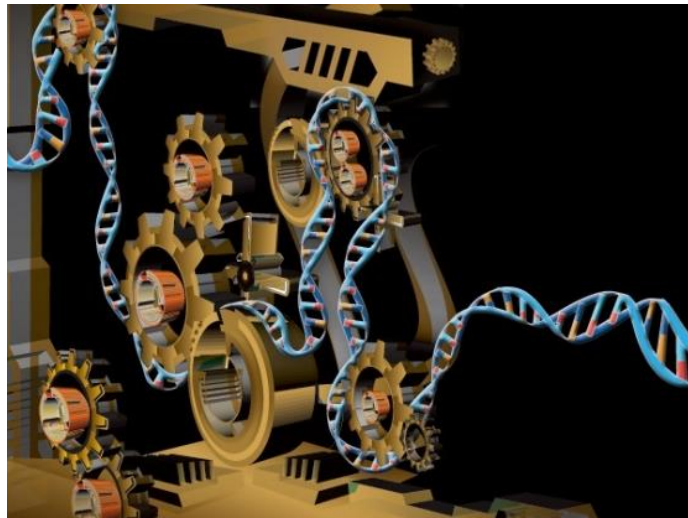


Methods to tackle chromatin architecture and function

Theory and applications for the study of chromatin plasticity and function



Aim of the course

This 10-hour course will provide the basic concepts behind different methods to analyse the chromatin architecture and function. Specifically, the student will learn how to fully set up and analyse experiments aimed to study chromatin conformation, function and interaction. The course will go deeper into chromatin-related techniques such as: Chromosome Conformation Capture (3C), Chromatin-IP (Ch-IP), Ch-IP related methodologies (CUT&RUN and EXO-Ch-IP) and Nuclease-deficient CAS9 applications. Moreover, the student will learn how to use key publicly available software to fully design all the necessary experimental steps. The course will consist of both theoretical lessons and practical exercises.

The course will take place from 13 to 17 June 2022, from 2 pm to 4 pm. Students who are interested in attending the course are kindly asked to register by sending an email to: giorgio.milazzo@unibo.it with subject line "Chromatin course_PhD-Bologna".