

Course: Nucleic Acids: Structures and emerging therapeutic applications

Duration: 24 hours

Teacher(s): SISSI Claudia

DALLA VIA Lisa

Curriculum: Pharmaceutical Sciences

Description:

The nucleic acid world has been deeply revisited in the last years. Starting from the crystal structure solved by Watson and Crick this course will provide an overview of the variegate architecture that these fascinating molecules can assume. This journey will be than related to the huge potential it contains. Thus, the correlations between nucleic acid structures and biological functions as well as the application of nucleic acid as novel drugs and their potential in the field of medicinal chemistry will be discussed.

Additional information:

According with the schedule of the course, internationally rewarded experts will be invited to provide some focus on selected topics.