Course for Ph.D. students
XLI Cycle (1 Nov 2025 – 31 Oct 2028)

Curriculum
INNOVAZIONE NEL CAMPO DELLE SCIENZE FARMACEUTICHE

Title
Basic Concepts of Stereochemistry for Drug Discovery (1 ECTS – basic course)

Prof. Claudio Curti (University of Parma)

Course language: English

Scheduling:
February 5: 2:30 PM – 5:30 PM (Room D – Farmacia)
February 13: 2:30 PM – 5:30 PM (Room C – Farmacia)

To attend the course please contact:
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Course description

The relationship between stereochemistry and the therapeutic and toxic effects of bioactive molecules is undoubtedly a central theme in drug discovery, embracing many areas of research and spanning from the design and synthesis of single stereoisomers to the study of their pharmacokinetics and pharmacodynamic properties. In this context, which is so vital and constantly evolving, it is essential to offer a refresher knowledge of stereochemistry aimed at PhD students who want to build their own curriculum in the fields of pharmaceutical disciplines. It is with this in mind that we propose a basic course in stereochemistry (1 ECTS - 6 hours), aimed at promoting the acquisition of all the main concepts of stereochemistry, which are only partially covered by organic chemistry courses for undergraduate students.

Evaluation: YES (Written Test)