



# MOLECULAR DOCKING BASED DRUG DESIGN

## COURSE

The course provides basic information about the molecular docking process used in drug design and virtual screening. It presents methods for using various software and platforms needed to implement each step of the workflow. It also introduces various methods used for result interpretation for selecting new compounds with active pharmacological potential.

## LABORATORY

During laboratory sessions, students will learn to use specialized software to generate and optimize 2D and 3D structures, prepare target proteins, conduct molecular docking, and interpret the obtained results.

