UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

# SYLLABUS DEL CORSO

# NMR spectroscopy applications to ligand-receptor studies

**2526-1-124R018**

## Title

**NMR spectroscopy applications to ligand-receptor studies**

## Teacher(s)

Cristina Airoldi

## Language

English

## Short description

Dissection of specific NMR-based molecular recognition experiments (STD, trNOESY, WaterLOGSY, 15N-HSQC) from both theoretical and experimental point of view

Objectives of the program: Understanding how advanced NMR experiments can be exploited in drug discovery and development for ligand screening and optimization – I or II years

Final evaluation: presentation and discussion of a scientific article concerning the application of one (or more) of the NMR techniques covered during the course.

## CFU / Hours

2 CFU - 20 Hours (8h Lecture - 12h Laboratory)

## Teaching period

II semester

## Sustainable Development Goals