



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

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

2526-1-124R018

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#### **Title**

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

#### **Teacher(s)**

Cristina Airoidi

#### **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**

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