UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Nanomaterials in regenerative medicine: from molecular design to in vivo application

2627-121R-015

Title

Nanomaterials in regenerative medicine: from molecular design to in vivo application

Teacher(s)

Prof. Fabrizio Gelain

Language

English

Short description

In this course there will be a multi-disciplinary overview of techniques and tools involved in the design and testing of nanomaterials for regenerative medicine applications. Molecular modeling, synthesis, characterization, post-processing and in vitro/in vivo applications of nanomaterials in regenerative medicine will be discussed, while live sessions in a nanotech research center will give "first-hand" experience to the students on their potential for future clinical applications.

CFU / Hours

1 CFU / 8 hours

Teaching period

Wednesday, 19 May and Wednesday, 26 May 2027, from 10:00 a.m. to 12:00 p.m.
Thursday, 3 June and Wednesday, 9 June 2027, from 10:00 a.m. to 12:00 p.m.

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING