



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Principles and applications of nano-biotechnologies

2122-79R-M9

Title

Principles and applications of nano-biotechnologies

Teacher(s)

Prof. Rita Grandori, Prof. Davide Prosperi, Prof. Miriam Colombo, Dr. Fabrizio Gelain, Dr. Domenico Salerno

Language

English

Short description

- Synthesis and biofunctionalization of colloidal nanoparticles
- Non-covalent interactions of proteins with nanoparticles
- Nanostructured biomaterials for tissue regeneration
- Protein-DNA interaction at single molecule level

- Biomedical application of colloidal and biomimetic nanoparticles

CFU / Hours

1 cfu / 8 ore

Teaching period

June 2022
