UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Cell and Molecular Biology II

1920-1-H4102D002-H4102D007M

Aims

The course will provide the essential theoretical knowledge of biology focusing on the possible future application in the medical field.

Contents

most important biotechnological applications in medicine

Detailed program

Molecular genetic tools (restriction enzymes, vectors, Southern blotting, PCR, sequencing, microarrays). Cloning and gene therapy

Prerequisites

Basic sciences (chemistry, physics)

Teaching form

Lectures

Group discussion

Textbook and teaching resource

reviews

Semester

First semester

Assessment method

Written exam with multiple choices quiz (30% of the final mark)

Oral examination on the subjects taught during the lectures

Discussion on further subjects (part of the program) not exhaustively discussed in class

Office hours

By appointment