UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Radiochimica

2021-3-I0303D036-I0303D049M

Aims

The student should know the general principles of radioactive decay, the methods for the production and the use of radionuclides in medicine

Contents

The aim of the course is to provide students with the basic principles of Radiochemistry and of radionuclides in medicine

Detailed program

Introduction to the decay equations and modes; methods for the production of radionuclides, the radionuclides in medicine; methods for the preparation of radiopharmaceuticals; aseptic preparation; fundamentals in radiopharmaceutical legislation; exercises.

Prerequisites

Teaching form

Exercises

Textbook and teaching resource

The Teacher will provide educational materials

Semester

First semester

Assessment method

The **written test** includes 25 multiple choice questions (1 correct answer among 5 options) about all the topics of the course. The written test is evaluated with a mark ranging from 0 to 30. If the mark is superior to 18/30, the oral test will follow. The **oral test** consists in the evaluation of the knowledge acquired among the course topics through open questions, possibly related to the mistakes made during the written test.

Office hours

By appointment required by mail