UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Radiofarmaci

2021-3-I0303D036-I0303D050M

Aims

Learn the fundamental aspect of chemical classification, mechanism of action, general safety and approved clinical indications of radiopharmaceuticals used in Nuclear Medicine.

Contents

The course aims to provide students with basic knowledgeon biological and kinetics and safety properties of radiopharmaceuticals used in Nuclear Medicine.

Detailed program

Fundamental of pharmacological and regulatory basis of radiopharmaceuticals used in diagnostic or therapy: physico-chemical properties; stability, pharmacokinetics and mechanism of action; approved clinical indication, safety, and Summary of Product Characteristics. Students will learn how to prepare radiopharmaceutical doses and how to perform quality control test.

Prerequisites

Teaching form

During Covid-19 emergency lessons will be performed by remote not sincronized with some sincronized videoconference

Textbook and teaching resource

The teacher will provide other 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