UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Radiopharmaceuticals

2324-3-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

basic knowledge of pharmacology

Teaching form

Lezioni frontali

Textbook and teaching resource

The teacher will provide other educational materials

Semester

First semester

Assessment method

Office hours

By appointment required by mail

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING