



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Scienze Tecniche Mediche Applicate A

2021-4-H4101D020-H4101D081M

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#### Aims

The pharmacological aspects of diagnostics medicinal products. Topics include fundamental of pharmacokinetics, pharmacodynamics and regulatory aspects related to their use in Diagnostic imaging. Introduction to the potential use of Neuroimaging to gender medicine

#### Contents

Pharmacology of Diagnostic Medicinal Products

#### Detailed program

##### Pharmacology of Diagnostic Medicinal Products

-Radiological contrast media: mechanism of action, pharmacokinetics and safety

-Radiopharmaceuticals: mechanism of action, kinetics of biodistribution and safety

-Regulatory affairs relative to their classification and reimbursement

Introduction to the potential use of Neuroimaging in gender medicine  
- Fundamental of evidence based medicine and GRADE approach to the evaluation of diagnostic agents

### **Prerequisites**

Basic knowledge on chemistry, physics and physiology and pharmacology

### **Teaching form**

Lectures

### **Textbook and teaching resource**

Slides presented during the course

### **Semester**

Second

### **Assessment method**

Students will be given a list of questions related to the main issues presented during the course that will be discussed in class. Mutichoice quiz, oral exam.

### **Office hours**

By Agreement with the teacher (email or telephone)

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