



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Pharmacology

2223-5-H4101D026-H4101D103M

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#### Aims

The Course is aimed at achieving the goal of identifying the most effective drug therapies for the treatment of patients suffering from mental disorders based on the available guidelines of psychiatric treatment developed using the EBM approach.

#### Contents

The teaching module allows the student to learn about, and further develop, the interrelationships between the contents of neurobiology, clinical psychiatry and psychopharmacology in the framework of the CNS complexity and the integration of functions.

#### Detailed program

1. Neurobiological basis of main psychiatric diseases:

2. Main classes of psychiatric drugs:

2.1. Antidepressants

2.2. Anxiolytics/hypnotics

2.3. Antipsychotics

## 2.4. Mood stabilizers

### **Prerequisites**

Knowledge of the preparatory courses indicated in the rule book of the Medical Degree.

### **Teaching form**

The teaching will be performed in attendance as formal lectures and discussions of clinical cases.

### **Textbook and teaching resource**

Goodman & Gilman's The Pharmacological Basis of Therapeutics, 14th Edition, McGraw Hill, 2022.

Stahl's Essential Psychopharmacology: Neuroscientific Basis and Practical Applications. Cambridge Medicine, 2021.

### **Semester**

First semester.

### **Assessment method**

The final evaluation will be performed in attendance through an oral exam jointly with Psychiatry aimed to assess whether students have acquired the exact terminology of the subject, the application of the critical reasoning developed in class and the knowledge of the topics studied during the course through the discussion of a clinical case study and in-depth questions on other topics.

### **Office hours**

On appointment.

### **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING

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