



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Farmacologia

1718-5-H4101D026-H4101D103M

Aims

The course aims to reach the following goal: the identification of the most useful therapies to cure the patient suffering from mental disorder, starting from the guidelines of psychiatric treatment deriving from the evidence-based medicine.

Contents

The course provides the students with the essential theoretical knowledge related to behavioral sciences with a view on their subsequent professional application in the clinical context. The course allows the students to learn about, and further develop, the interrelationships between the contents of neuroscience, psychology and psychopathology, psychiatry and clinical pharmacology in the dimension of the CNS complexity.

Detailed program

Psychopharmacology: neurotransmitters and receptors; principles of pharmacokinetics and pharmacodynamics; physiopathology and pharmacological treatment of psychiatric disorders; neuroimaging in psychopharmacology. Classes of psychiatric drugs: 1. antidepressants 2. anxiolytics 3. antipsychotics 4. mood stabilizers 5. other drugs.

Prerequisites

Knowledge related to propaedeutic courses indicated in the study plan of the medical degree course .

Teaching form

Formal lectures.

Textbook and teaching resource

Textbooks:

1. Goodman & Gilman "Le Basi Farmacologiche della Terapia - il Manuale" II Edizione, Zanichelli, 2015.
2. B.G. Katzung & A.J. Trevor "Farmacologia Generale e Clinica" X Edizione italiana, Piccin, 2017.

Semester

Fifth year - first semester.

Assessment method

Oral examination.

Office hours

Monday - Friday 1:00pm - 2:00pm.
