



Università
degli Studi
di Ferrara



ISTITUTO
ITALIANO DI
TECNOLOGIA

NEUROSCIENZE TRASLAZIONALI E NEUROTECNOLOGIE

Principles of Psychopharmacology

The proposed course will address the major psychiatric diseases anxiety, depression, psychosis and schizophrenia, and drug abuse. For each disorder the neurobiological bases, the available therapeutics and their mechanisms of action will be presented. Additionally the course will be focused on the available pre-clinical models of psychiatric diseases and their validity criteria (face, predictive, and construct validity). Finally, for each diseases new therapeutic targets and the future therapeutic perspectives will be presented. There will be 4 lessons of 2 hours. Dr. Chiara Ruzza and Dr. Matteo Marti will present the lectures. All lectures will take place in the D7 room from 14.30 to 16.30.

11/04 Chiara Ruzza: *Anxiety*

18/04 Chiara Ruzza: *Depression*

02/05 Chiara Ruzza: *Psychosis and Schizophrenia*

09/05 Matteo Marti: *Drug Abuse*