

SYLLABUS

1. COURSE DESCRIPTION

Degree:	Biotechnology
Course:	Psychopharmacology
Module:	Optional Training
Department:	Physiology, Anatomy and Cell Biology
Academic Year:	2016/17
Term:	First
ECTS credits:	4,5
Year:	4th year
Type:	Optional
Language:	Spanish

Course Model:	C1	
a. Basic learning (EB):		50%
b. Practical learning (EPD):		50%

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2. LECTURERS

Coordinator	
Name:	José Luis Cantero Lorente
School:	School of Experimental Sciences
Department:	Physiology, Anatomy and Cell Biology
Area:	Physiology
Office Hours:	Mondays and Tuesdays: 11-14 h (in person) Virtual meeting through e-mail.
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3. TOPICS

BASIC LEARNING (EB)

- Unit 1.** Introduction to Psychopharmacology.
- Unit 2.** Methodology and research techniques in Psychopharmacology.
- Unit 3.** Principles of chemical transmission in the nervous system.
- Unit 4.** Psychopharmacology of affective disorders: Depression and mania.
- Unit 5.** Psychopharmacology of anxiety disorders.
- Unit 6.** Psychopharmacology of schizophrenia.
- Unit 7.** Psychopharmacology of sleep disorders.
- Unit 8.** Psychopharmacology and neurodegeneration: Alzheimer's disease.

PRACTICAL LEARNING (EPD)

During the development of the course, a series of related practices will be carried out according to the basic learning. The duration of each practice will be three hours approximately.