

Teaching guide

IDENTIFICATION DETAILS

Degree:	Biomedicine		
Scope	Biomedical Sciences.		
Faculty/School:	Experimental Science		
Course:	PHARMACOLOGY I		
Type:	Compulsory	ECTS credits:	6
Year:	3	Code:	2155
Teaching period:	Sixth semester		
Area:	Pharmacological Bases of Therapy in Biomedicine		
Module:	The therapeutic Principles of Biomedicine		
Teaching type:	Classroom-based		
Language:	Spanish		
Total number of student study hours:	150		

SUBJECT DESCRIPTION

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LEARNING RESULTS

Understand the principles of molecular pharmacology, the interactions of drugs with their receivers or target areas, the keys to obtaining the pharmacological effects, and to know and understand the study methods in the laboratory, in order to apply them to the research of new drugs at a preclinical level.

Know the principles of general pharmacology and relate the physical and chemical characteristics of drugs with their pharmacokinetic and pharmacodynamic properties.

Understand and identify the methodology used in the design and evaluation of drugs in preclinical and clinical trials.

Understand the different therapeutic strategies established for the treatment of diseases, with the association of drugs and other non-pharmacological measures.

Know the pharmacological actions of drugs and to link them with the therapeutic effects and adverse reactions, identifying the relevant pharmacogenomic pharmacoproteomic aspects in order to achieve greater effectiveness and safety of pharmacological treatments.

DISTRIBUTION OF WORK TIME

CLASSROOM-BASED ACTIVITY	INDEPENDENT STUDY/OUT-OF-CLASSROOM ACTIVITY
60 hours	90 hours