



PHARMACOLOGY AND EXPERIMENTAL THERAPY

Enrollment year	2021/2022
Academic year	2021/2022
Regulations	DM270
Academic discipline	BIO/14 (PHARMACOLOGY)
Department	DEPARTMENT OF BIOLOGY AND BIOTECHNOLOGY "LAZZARO SPALLANZANI"
Course	EXPERIMENTAL AND APPLIED BIOLOGY
Curriculum	Scienze biomediche molecolari
Year of study	1°
Period	2nd semester (01/03/2022 - 14/06/2022)
ECTS	6
Lesson hours	48 lesson hours
Language	Italian
Activity type	ORAL TEST
Teacher	VILLA ROBERTO FEDERICO (titolare) - 6 ECTS
Prerequisites	There are no specific cultural preparations requested for foreign students, but the Curriculum Vitae will be analyzed previously, in the perspective of assessing if the adequate backgrounds about fundamental biological disciplines are present. Moreover, the basic principles of General Pharmacology should be acquired and, to help those students which have not followed a previous Pharmacology Course, ad hoc lessons will be organized (§ Metodi Didattici).
Learning outcomes	This course was specifically designed for upper grade (M.Sc.) Biology students; in particular, the aim of this Course is to integrate from a biological point of view the pharmacological aspects with the therapeutic ones, in the perspective of understanding the basic principles of drug actions, allowing a translational approach for future students' researches. Consequently, this will improve the ability of adequately communicate in a scientific background, also through constructive

	criticisms and independent opinions.
Course contents	<p>detailed Program</p> <p>Please, see the Detailed Program on left side box (in Italian).</p>
Teaching methods	Lessons about basic principles of General Pharmacology will be held in relation to the significance to the Course program. Please contact the Professor for any instances or methodological questions you need.
Reccomended or required readings	<p>Reference books are:</p> <p>"Principi di Farmacologia" di Roberto Federico Villa, Antonella Gorini, Edizioni Medea, Pavia (italy)</p> <p>And:</p> <p>"Le basi farmacologiche della terapia" di Goodman & Gilman in Edizione Italiana, Zanichelli Editore, Bologna (Italy) or English Edition.</p>
Assessment methods	Oral examination in English for foreign students.
Further information	
Sustainable development goals - Agenda 2030	\$lbl legenda sviluppo sostenibile