



### PHARMACOLOGY AND EXPERIMENTAL THERAPY

<b>Enrollment year</b>	2021/2022
<b>Academic year</b>	2021/2022
<b>Regulations</b>	DM270
<b>Academic discipline</b>	BIO/14 (PHARMACOLOGY)
<b>Department</b>	DEPARTMENT OF BIOLOGY AND BIOTECHNOLOGY "LAZZARO SPALLANZANI"
<b>Course</b>	EXPERIMENTAL AND APPLIED BIOLOGY
<b>Curriculum</b>	Scienze biomediche molecolari
<b>Year of study</b>	1°
<b>Period</b>	2nd semester (01/03/2022 - 14/06/2022)
<b>ECTS</b>	6
<b>Lesson hours</b>	48 lesson hours
<b>Language</b>	Italian
<b>Activity type</b>	ORAL TEST
<b>Teacher</b>	VILLA ROBERTO FEDERICO (titolare) - 6 ECTS
<b>Prerequisites</b>	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).
<b>Learning outcomes</b>	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.
<b>Course contents</b>	<p>detailed Program</p> <p>Please, see the Detailed Program on left side box (in Italian).</p>
<b>Teaching methods</b>	<p>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.</p>
<b>Reccomended or required readings</b>	<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 &amp; Gilman in Edizione Italiana, Zanichelli Editore, Bologna (Italy) or English Edition.</p>
<b>Assessment methods</b>	<p>Oral examination in English for foreign students.</p>
<b>Further information</b>	
<b>Sustainable development goals - Agenda 2030</b>	<p><a href="#">The goals</a></p>