

DRUGS, BIOMOLECULES AND HEALTH PRODUCTS		
Cycle	XXXI	
Duration	3 years	
Supervisor	Professor Marco Mor – Department of Pharmacy E-mail: marco.mor@unipr.it	
Research Topics	<ul style="list-style-type: none"> • Biochemistry and Molecular Biology • Biopharmaceutics - Pharmacokinetics • Experimental Pharmacology and Toxicology • Design and Synthesis of Bioactive Compounds 	
Training objectives	<p>The PhD programme "Drugs, Biomolecules and Health Products" is aimed at the preparation of "Dottori di ricerca" having scientific bases and research experience in the design, discovery, development, production and control of drugs and health products, as well as in the investigation of mechanisms of action for drugs and biomolecules. The Board of teaching offers and organizes courses and seminars in different scientific areas, with particular focus on medicinal chemistry, pharmaceutical technology, pharmacology and biochemistry. Contributions from different areas, such as biophysics and veterinary, are also included, which can be relevant for the world of drugs, biomolecules and health products. All the contributions converge toward education and research training of PhD students who, at the end of the course, are expected to produce innovation and new knowledge in the field of drugs, biomolecules, health products and their interaction with biological substrates. The research project of every PhD student has to be consistent with a research line included in one of the four major areas covered by the programme: 1) design and synthesis of bioactive compounds; 2) biopharmaceutics and pharmacokinetics; 3) experimental pharmacology and toxicology; 4) biochemistry, biophysics and molecular biology.</p>	
Academic degree required	Laurea pursuant to the previous university system, laurea specialistica or laurea magistrale, or a foreign academic qualification that has been recognized as equivalent	
Positions put out to competition		
With scholarship	5	
Without scholarship	2	
Reserved to holders of scholarships funded by foreign States and/or scholarship holders within specific international mobility programs	4	
TOTAL	11	
Scholarship types	No.	Description (funding entity and research topic, if any)
	3	Scholarships of the University of Parma
	1	Funded by the Department of Pharmacy
	1	Co-funded by Fondazione Cariparma

Positions reserved to holders of scholarships funded by foreign States	No.	Position reserved to holders of scholarships funded by foreign States:	
	1	Holder of a scholarship funded by Universities or Foreign State	
Positions reserved to scholarship holders within specific international mobility programs	No.	Position reserved to scholarship holders within specific international mobility programs	
	3	within the Project UE H2020-MSCA-ETN "Integrate"	
Admission procedures	Assessment of QUALIFICATIONS: up to 40 points ORAL EXAM: up to 80 points Minimum score for ELIGIBILITY: 70/120		
Admission procedures for positions reserved to holders of scholarships funded by foreign States and/or scholarship holders within specific international mobility programs	Assessment of QUALIFICATIONS: up to 120 points Minimum score for ELIGIBILITY: 70/120		
Interview via teleconference for candidates residing abroad	<p style="text-align: center;">THE ORAL EXAM MAY BE HELD <u>VIA VIDEOCONFERENCE</u> FOR CANDIDATES RESIDING ABROAD. THE INTERVIEW MAY BE HELD ALSO IN ENGLISH. (the relevant request shall be submitted using the form attached to the competitive examination announcement)</p>		
List of QUALIFICATIONS to be submitted and their assessment	Graduation thesis	Abstract of the graduation thesis (mandatory qualification)	Up to 5 points For position reserved Up to 15 points
	Curriculum Vitae et studiorum and other qualifications	Covering the candidate's university career and postgraduate experience, accompanied with a statutory declaration in lieu of the certification of the exams sat and passed, with the relevant marks, as well as the final graduation mark (mandatory qualification)	Up to 25 points For position reserved Up to 75 points
	Scientific publications	Articles in scientific journals with peer reviewing, abstracts of papers or posters presented at conventions or meetings	Up to 5 points For position reserved Up to 15 points

	Other qualifications	Second-level Master's degrees, prizes and awards	Up to 5 points For position reserved Up to 15 points
Foreign language	<p>Language the fluency of which shall be assessed during the Oral Exam: ENGLISH.</p> <p>The evaluation of the knowledge of this language will be oral and will consist in translating of a scientific text</p>		
Schedule of the admission exam	<p>ORAL EXAM DATE: 17 September 2015 TIME:9:30am PLACE: Department of Pharmacy Parco Area delle Scienze, 27/A – 43124 PARMA, ITALY</p>		
Oral Exam topics	<p>The Oral exam will focus on a scientific interview in order to check the preparation of the candidates, particularly with regard to the reference research topics of this PhD program.</p>		