

DRUGS, BIOMOLECULES AND HEALTH PRODUCTS		
Cycle	XXX	
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 chemistry, pharmacology and biochemistry. Contributions from different areas, such as biophysics and biomedicalveterinary, are also included, which can be relevant for the world of drugs, biomolecules and health products. 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	6	
Without scholarship	2	
TOTAL	8	
Scholarship types	No.	Description (funding entity and research topic, if any)
	3	Scholarships of the University of Parma
	1	MIUR Scholarship "Fondo Giovani" on he topic "Revival of the Pharmaceutical Industry also through fine chemistry of natural compounds for new diagnostic applications and new active ingredients"
	1	Funded by the Department of Pharmacy
	1	Co-funded by Fondazione Cariparma

Admission procedures	Assessment of QUALIFICATIONS: up to 40 points ORAL EXAM: up to 80 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 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
	Curriculum Vitae et studiorum	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
	Scientific publications	Articles in scientific journals with peer reviewing, abstracts of papers or posters presented at conventions or meetings	Up to 5 points
	Other qualifications	Second-level Master's degrees, prizes and awards	Up to 5 points
Foreign language	Language the fluency of which shall be assessed during the Oral Exam: ENGLISH		
Schedule of the admission exam	ORAL EXAM DATE: 29 September 2014 TIME: 9:30am PLACE: Department of Pharmacy Parco Area delle Scienze, 27/A – 43124 PARMA, ITALY		
Oral Exam topics	For foreign candidates, the Oral Exam will be held in Italian or in English, at the candidate's choice.		