



<b>DRUGS, BIOMOLECULES AND HEALTH PRODUCTS</b>		
<b>Cycle</b>	<b>XXXIII</b>	
<b>Duration</b>	3 years	
<b>Coordinator</b>	Prof. Marco MOR – Food and Drug Department E-mail: <a href="mailto:marco.mor@unipr.it">marco.mor@unipr.it</a>	
<b>Research Topics</b> (the applicant MUST indicate one research topic)	<ul style="list-style-type: none"> <li>Biochemistry and Molecular Biology</li> <li>Biopharmaceutics - Pharmacokinetics</li> <li>Experimental Pharmacology and Toxicology</li> <li>Design and Synthesis of Bioactive Compounds</li> </ul>	
<b>Training objectives</b>	<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 Course offers multi-disciplinary formation in different scientific areas, mainly chemical and biological with particular focus on medicinal chemistry, pharmaceutical technology, pharmacology and biochemistry. All the contributions converge toward the 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.</p>	
<b>Academic degree required</b>	Laurea pursuant to the previous university system, laurea specialistica or laurea magistrale, or a foreign academic qualification that has been recognized as equivalent	
<b>POSITIONS PUT OUT TO COMPETITION</b>		
<b>With Scholarship</b>	5	
<b>Without Scholarship</b>	2	
<b>Covered by High Internship and Research Agreements</b>	1	
<b>Reserved to holders of scholarship funded by foreign States</b>	1	
<b>Reserved to employees of companies having a "Industrial Engineering Doctorate" arrangement</b>	1	
<b>TOTAL</b>		<b>10</b>
<b>KIND OF SCHOLARSHIP</b>		
N°	Funding entity	Research Topic, if any
<b>2</b>	Scholarship Ministerial funds	<ul style="list-style-type: none"> <li>n. 1 – Experimental Pharmacology and Toxicology</li> <li>n. 1 – Biopharmaceutics-Pharmacokinetics</li> </ul>



1	Scholarship University funds	• Biochemistry and Molecular Biology
1	Funded by Department of Food and Drug	• Design and Synthesis of Bioactive Compounds
1	Co-funded by Fondazione Cariparma	• Design and Synthesis of Bioactive Compounds
<b>Positions covered by High Internship and Research Agreements</b>		
N°	<i>Company/Institution</i>	
1	PLUMESTARS s.r.l.	
<b>Positions reserved to holders of scholarship funded by foreign States</b>		
N°	<i>Universities or Foreign State</i>	
1	Reserved to holders scholarship from the country of origin	
<b>Positions reserved to employees of companies having a "Industrial Engineering Doctorate" arrangement</b>		
N°	<i>Company/Institution</i>	
1	MEDI NOVA S.a.s. di Melli Paola e C.	
<b>ADMISSION PROCEDURES</b>		
<p><b>Assessment of QUALIFICATIONS:</b> up to 40 points (a minimum score of 20 points shall be required to be admitted to the Oral Exam)</p> <p><b>ORAL EXAM:</b> up to 80 points</p> <p><b>Minimum score for ELIGIBILITY:</b> 70/120</p>		
<b>ADMISSION PROCEDURES for positions reserved to holders of scholarship funded by foreign States</b>		<p><b>Assessment of QUALIFICATIONS:</b> up to 120 points</p> <p><b>Minimum score for ELIGIBILITY:</b> 70/120</p>
<b>Foreign Language</b>		<p>Language the fluency of which shall be assessed during the Oral Exam: <b>ENGLISH</b>.</p> <p>The evaluation of the knowledge of this language will be oral and will consist in translating a scientific text.</p>
<p><b>Possibility of videoconference for candidates residing or temporarily abroad</b> (the relevant request shall be submitted using the form attached to the competitive examination announcement)</p> <p style="text-align: center;">THE INTERVIEW MAY BE HELD ALSO IN ENGLISH</p>		<b>YES</b>
<b>LIST OF QUALIFICATIONS TO BE SUBMITTED AND THEIR ASSESSMENT</b>		
<b>Graduation thesis</b>	Abstract of the graduation thesis ( <b>mandatory qualification</b> )	<p><b>Up to 10 points</b></p> <p>For <b>position reserved</b> Up to 30 points</p>



<b>Curriculum Vitae et studiorum and other qualifications</b>	Including academic career and postgraduate experience, accompanied with a statutory declaration in lieu of the certification of the exams passed with the relevant marks, as well as the final graduation mark ( <b>mandatory qualification</b> )	<b>Up to 15 points</b>  For <b>position reserved</b> Up to 45 points
<b>Statement of Research Interest</b>	Short text – maximum 2 pages – in Italian or in English, aimed at explaining the candidate's reasons to attend the PhD and at describing the specific research interests	<b>Up to 10 points</b>  For <b>position reserved</b> Up to 30 points
<b>Scientific publications</b>	Articles and/or reviews in scientific journals with peer reviewing, abstracts of papers or posters presented at conventions or meetings	<b>Up to 5 points</b>  For <b>position reserved</b> Up to 15 points
<b>SCHEDULE OF THE ADMISSION EXAMS</b>		
<b>ORAL EXAM</b>	<b>ORAL EXAM DATE:</b> 18 September 2017 <b>TIME:</b> 09:30am <b>PLACE:</b> Food and Drug Department Parco Area delle Scienze, 27/A – 43124 PARMA - ITALY	
<b>Oral Exam topics</b>	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.	
<b>OTHER INFORMATION</b>	For foreign candidates, the admission examinations may be held in English at the candidate's choice.	