



MOLECULAR MEDICINE		
Cycle	XXXIII	
Duration	3 years	
Coordinator	Prof. Luciano POLONELLI – Department of Medicine and Surgery E-mail: luciano.polonelli@unipr.it	
Research Topics (the applicant MUST indicate one research topic)	<ul style="list-style-type: none"> • Cardiac pathophysiology • Anatomic pathology • General pathology • Translational oncology • Anesthesiology • Legal medicine 	
Training objectives	The aims of the PhD Programme in Molecular Medicine are to provide PhD students with the best intellectual and technological opportunities for the ideation and realization of advanced research projects in the field of specific scientific disciplines. Following the cultural training and the methodological experience achieved, it is believed that Doctors in Medicine in Molecular Medicine may seek to occupy relevant positions in Universities, Research Centers as well as Medical, Biological and Biotechnological Industries.	
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	4	
Without Scholarship	1	
Reserved to employees of companies having a “Industrial Engineering Doctorate” arrangement	1	
TOTAL	6	
KIND OF SCHOLARSHIP		
N°	<i>Funding entity</i>	<i>Research Topic, if any</i>
3	Scholarship Ministerial funds	--
1	Co-funded by Fondazione Cariparma	<ul style="list-style-type: none"> • Mechanisms leading from acute pain to its persistence and chronicization, both in the postoperative period and in musculoskeletal conditions. Research in biomarkers and clinical features of painful conditions to predict optimal treatment strategies in acute and chronic pain.



Positions reserved to employees of companies having a “Industrial Engineering Doctorate” arrangement		
N°	Company/Institution	
1	Fondazione IRCCS Istituto Nazionale dei Tumori di Milano	
ADMISSION PROCEDURES		
<p style="text-align: center;">Assessment of QUALIFICATIONS: up to 60 points (a minimum score of 10 points shall be required to be admitted to the Oral Exam) ORAL EXAM: up to 60 points</p> <p style="text-align: center;">Minimum score for ELIGIBILITY: 70/120</p>		
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 reading and translating of a scientific text.</p>	
Possibility of videoconference for candidates residing or temporarily abroad		NO
LIST OF QUALIFICATIONS TO BE SUBMITTED AND THEIR ASSESSMENT		
Graduation thesis	Abstract of the graduation thesis (mandatory qualification)	Up to 5 points
Graduation mark	Score related to the final mark: - 110 with honours (magna cum laude): 5 points; - 110: 3 points; - From 100 to 109: 1 point	Up to 5 points
Average of the exam marks (if the candidate will attain the degree no later than 31 October 2017)	Score related to the average of the exam marks: - 30/30: 5 points; - From 27/30 to 29/30: 3 points	Up to 5 points
Curriculum Vitae et studiorum and other qualifications	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 (mandatory qualification)	Up to 10 points
Research Project	The research project shall consist of a maximum of 3 pages, be written in Italian or in English, focus on an original research topic and it shall be structured as follows: introduction of the problem in the scientific context, significance of the problem, expected results, argumentation. <u>it does not represent a constraint with respect to the following choice of the doctoral thesis</u>	Up to 10 points



Statement of Research Interest	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	Up to 10 points
Scientific publications	Articles on national and international journals, papers presented at conferences or symposia, book chapters etc. Articles and/or reviews in scientific journals with peer reviewing, abstracts of papers or posters presented at conventions or meetings	Up to 10 points
Reference Letters	Maximum 3 letters and must be sent directly by the signer to the address e-mail: marina.corradi@unipr.it (The candidate, therefore, must not uploading them through the procedure of the competition online registration), written by professors or researchers at the University of origin of the candidate or from other universities or from experts in the research areas working in public or private research facilities	Up to 5 points
Other qualifications	Awarding of Scholarships, prizes, trainings, etc.	Up to 5 points
SCHEDULE OF THE ADMISSION EXAMS		
ORAL EXAM	ORAL EXAM DATE: 18 September 2017 TIME: 09:30am PLACE: Meeting Room - TOWER B Integrated Biotechnological Plexus Via Volturmo, 39 – 43125 PARMA - ITALY	
Oral Exam topics	The Oral Exam will focus on the discussion of the candidate's graduation thesis and of an aspect relating to the research topic chosen with a question selected randomly by the candidate.	
OTHER INFORMATION	For foreign candidates, the admission examinations may be held in English at the candidate's choice.	