



MOLECULAR MEDICINE		
<b>Cycle</b>	XXXV	
<b>Coordinator</b>	Prof. Prisco MIRANDOLA Department of Medicine and Surgery email: <a href="mailto:prisco.mirandola@unipr.it">prisco.mirandola@unipr.it</a>	
<b>Duration</b>	3 years	
<b>Starting date of the PhD program</b>	01/11/2019	
<b>Partner Institution for University Cooperation Agreements</b>	<ul style="list-style-type: none"><li>Aalborg University (Denmark)</li></ul>	
<b>Research Topics</b>		
<ul style="list-style-type: none"><li>Biochemistry</li><li>Molecular Biology</li><li>Microbiology and Clinical Microbiology</li><li>Medical Oncology</li><li>Translational Oncology</li><li>Physical Activity Sciences</li></ul>		
<b>Training Objectives</b>		
The Research Doctorate Course in Molecular Medicine aims to provide PhD students with the cultural and methodological skills necessary to carry out high-profile research in different scientific disciplines in the biomedical field, integrated in an interdisciplinary perspective. The acquired training will allow PhD students in Molecular Medicine to employ themselves in high level research and development activities in Universities, research centers and industries engaged in the medical, biological and biotechnological sectors.		
<b>Admission requirements</b>		
Regardless of age and citizenship, applicants holding at least one of the following academic qualifications can apply for admission: <ul style="list-style-type: none"><li>- Laurea specialistica or Laurea magistrale (second cycle master's degree)</li><li>- Laurea Vecchio Ordinamento (degree obtained under the previous Italian regulations);</li><li>- Second cycle Master's degree obtained abroad, equivalent to the above mentioned Italian degrees and recognized as suitable for the admission to doctoral programs</li></ul> Undergraduate applicants may also submit applications with the obligation of getting their degree by <b>October 31<sup>st</sup> 2019</b> .		
<b>POSITIONS PUT OUT TO COMPETITION</b>		
<b>With Scholarship</b>	5	
<b>Without Scholarship</b>	1	
<b>TOTAL</b>	<b>6</b>	
<b>Positions with University Scholarship</b>		
<b>N°</b>	<b>Funding entity</b>	<b>Research Topic, if any</b>
4	Scholarship Ministerial funds	---
1	Scholarship co-funded by Fondazione Cariparma	---



## ADMISSION PROCEDURES

**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

**Minimum score for ELIGIBILITY:** 70/120

<b>Foreign Language</b>	Language the fluency of which shall be assessed during the Oral Exam: <b>ENGLISH</b> . The evaluation of the knowledge of this language will be by an oral examination and will consist in translating and discussion of a scientific text.
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**Possibility of videoconference for candidates residing or temporarily abroad**

**NO**

## LIST OF QUALIFICATIONS TO BE SUBMITTED AND THEIR ASSESSMENT

### Mandatory documents to be attached to the on-line application

- **ANNEX A** (art. 5 of the Call for Applications)
- Scanned Copy of a **valid identification document** with photo
- **Curriculum Vitae et studiorum** (art. 4 of the Call for Applications)
- **Abstract of the second cycle master's degree thesis.** Undergraduate applicants may submit the draft of the thesis approved by their supervisor (abstract/draft of the thesis: 10.000 characters including spaces)
- **Certificates and academic transcript of records for both Bachelor' and Master' degrees** containing the following details for each degree held: (art. 4 of the Call for Applications):
  - University that granted the degree
  - Type of degree (first cycle/second cycle/single cycle)
  - Name of the degree program
  - Date of graduation
  - Final mark
  - List of exams and corresponding scores (academic transcript of records)
  - Translation into Italian or English (only for degrees issued in languages other than Italian or English)

### Further qualifications that may be attached to the application, if in possession of the applicant

(only qualifications attested by a document drawn up in Italian or in English)

- **Research Project:** The research project shall consist of a maximum of 3 pages, be written in Italian or in English, focused on an original research topic and structured as follows: introduction of the problem in the scientific context, significance of the problem, expected results, argumentation;  
it does not represent a constraint with respect to the following choice of the doctoral thesis, that shall be defined together with the supervisor and approved by the Academic Board;
- **Statement of Research Interest:** a Short text – maximum 1 page – in Italian or in English, aimed at explaining the candidate's reasons to attend the PhD program and at describing the specific her/his research interests;
- **Scientific Publications:** Articles on national and international journals, contributions presented at conferences or symposia, book chapters etc.
- **Reference Letters:** A maximum of 3 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;
- **Academic qualifications:** First or Second level Master's degree obtained in Italy and/or specialization degree in subjects consistent with the research topics of this PhD program
- **Mobility experience abroad** (e.g. Erasmus or similar);
- **Any other document** certifying the applicant's training and abilities (grants, awards, etc.)



EVALUATION CRITERIA		
QUALIFICATION	EVALUTATION CRITERIA	POINTS
Curriculum Vitae et studiorum		Up to 10 points
Graduation mark	Score related to the final mark: - 110 with honours (magna cum laude): 5 points; - 110: 3 points; - From 100 to 109: 0,2 point for each mark unit	Up to 5 points
Average of the exam marks (if the candidate will attain the degree no later than 31 October 2019)	Score related to the average of the exam marks: - > 28/30: 5 points - > 27/30: 3 points - > 25/30: 1 point	Up to 5 points
Graduation thesis	Consistency of the Master's Degree thesis with the doctoral program research topics	Up to 7 points
Research Project		Up to 10 points
Statement of Research Interest		Up to 10 points
Scientific publications		Up to 10 points
Reference Letters		Up to 3 points
Other qualifications	Academic qualifications/experience abroad/grants, scholarships and awards	Up to 5 points
ORAL EXAMINATION	EVALUATION CRITERIA	POINTS
The ORAL EXAM focuses on the discussion of the Degree Thesis and of a subject related to the chosen doctoral program research topics and selected by drawing lots.	<ul style="list-style-type: none"> <li>○ discussione of the thesis</li> <li>○ knowledge of chosen topic</li> <li>○ proficiency in the foreign language</li> </ul>	Up to 60 points
SCHEDULE OF THE ADMISSION EXAMS		
ORAL EXAM	DATE	13 September 2019
	TIME	09:30 am
	PLACE	Meeting Room - TOWER B Integrated Biotechnological Plexus Via Volturmo, 39 – 43125 PARMA - ITALY
OTHER INFORMATION	For foreign candidates, the admission examinations may be held in English.	