

<b>MOLECULAR MEDICINE</b>	
<b>CYCLE</b>	<b>XXXVII</b>
<b>COORDINATOR</b>	Prof. Prisco MIRANDOLA email: <a href="mailto:prisco.mirandola@unipr.it">prisco.mirandola@unipr.it</a> Department of Medicine and Surgery
<b>DURATION</b>	3 anni
<b>STARTING DATE OF THE PHD PROGRAM</b>	01/01/2022
<b>PARTNER INSTITUTION FOR UNIVERSITY COOPERATION AGREEMENTS</b>	<ul style="list-style-type: none"> <li>• Aalborg University (Denmark)</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>	<p>Regardless of age and citizenship, applicants holding at least one of the following academic qualifications can apply for admission:</p> <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 program</li> </ul> <p>Undergraduate applicants may also submit applications with the obligation of getting their degree by <b>October 31<sup>st</sup> 2021</b>.</p>

<b>POSITION PUT OUT TO COMPETITION</b>	<b>2</b>	<b>With Scholarship</b> - Action IV.5 - "Doctorates on Green issues of the PON R&I 2014-2020"	<b>2</b>
<b>Position with Scholarship LINKED TO SPECIFIC TOPICS</b>			
When registering for the competition, candidates must indicate to the Examining Board, in the specific section of ANNEX A, their interest of being assigned one or more scholarships on a specific topic. The Examination Board will evaluate their eligibility based on specific competences, experience and specific aptitudes of the applicants.			
N°	ACTION	BOUND RESEARCH TOPIC	
2	Action IV.5 - "Doctorates on Green issues of the PON R&I 2014-2020"	<ul style="list-style-type: none"> <li>• <b>Green Topic DM1061: approach to digital innovation and the exchange between the university research and the productive world</b></li> </ul> <p>Research Areas:</p> <ol style="list-style-type: none"> <li>Development of new molecules for drug-prevention in subjects at high genetic risk for the development of hereditary-familial tumors of the breast, ovary, prostate and pancreas.</li> <li>Multidimensional assessment of work-related stress risk interventions and prevention</li> <li>c) Environmental balance and extra-sanitary impact of the digitalized dentistry</li> </ol>	

<b>ADMISSION PROCEDURES</b>	<b>Assessment of QUALIFICATIONS:</b> up to 50 points (a minimum score of 10 points shall be required to be admitted to the Oral Exam) <b>ORAL EXAM:</b> up to 70 points <b>Minimum score for ELIGIBILITY:</b> 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 of a scientific text.
<b>CANDIDATES ADMITTED TO THE ORAL TEXT CAN TAKE THE EXAM IN PRESENCE OR REMOTELY IN AUDIO AND VIDEO TELECONFERENCE</b>  (Candidates who intend to take the Oral Exam remotely must submit request, to this purpose, as per the model attached to the competition notice)	
<b>LIST OF QUALIFICATIONS TO BE SUBMITTED AND THEIR ASSESSMENT</b>	
<b>MANDATORY DOCUMENTS TO BE ATTACHED TO THE ON-LINE APPLICATION</b>	
<b>ANNEX A</b>	(art. 5 of the Competition notice)
<b>Identification Document</b>	Scanned Copy of a valid identity document with photo (i.e. identity card, passport)
<b>Curriculum Vitae et studiorum</b>	No specific CV format is required (see art. 4 of the Competition notice)
<b>Abstract of degree thesis</b>	Abstract of the second cycle master's degree thesis. Undergraduate applicants must submit the draft of the thesis approved by their supervisor (abstract/draft of the thesis: 10.000 characters including spaces)
<b>Qualifications</b>	<b>Certificates and academic transcript of records for both Bachelor' and Master' degrees</b> containing the following details for each degree held: (art. 4 of the Competition notice): 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).
<b>Research Project</b>	Drawn up according to the format attached to the competition announcement <b>THE EVALUATION OF THE PROJECT WILL TAKE PLACE DURING THE ORAL EXAM</b>
<b>FURTHER QUALIFICATIONS THAT MAY BE ATTACHED TO THE APPLICATION, IF IN POSSESSION OF THE APPLICANT</b> (only qualifications attested by a document drawn up in Italian or in English)	
<b>Statement of Research interest</b>	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 her/his specific research interests
<b>Scientific Publications</b>	Articles on national and international journals, papers presented at conferences or symposia, book chapters etc.
<b>Reference Letters</b>	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, to be attached to the online application

<b>Other Academic qualifications</b>	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	
<b>Other experiences (training, work, research, teaching, etc.)</b>	<ul style="list-style-type: none"> <li>– Research activity (basic, applied, translational, etc.) carried out in any capacity, including when covered by research grant, and as a staff member of research units</li> <li>– Working activity</li> <li>– Professional and/or training internship</li> <li>– Language proficiency certificates</li> <li>– Periods of study abroad, outside the country of origin (e.g. Erasmus programme or other similar mobility programmes)</li> <li>– Other qualifications attesting the suitability of the applicants (scholarships, awards, etc.)</li> </ul>	
<b>EVALUATION CRITERIA</b>		
<b>QUALIFICATION</b>	<b>EVALUTATION CRITERIA</b>	<b>POINTS</b>
<b>Curriculum Vitae et studiorum</b>	Including academic career and postgraduate experience, accompanied by a statutory declaration in lieu of the certification of the exams passed with the relevant marks, as well as the final graduation mark.	<b>Up to 12 points</b>
<b>Graduation mark</b>	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	<b>Up to 5 points</b>
<b>Average of the exam marks</b> (if the candidate will attain the degree no later than 31 October 2021)	Score related to the average of the exam marks: - > 28/30: 5 points - > 27/30: 3 points - > 25/30: 1 point	<b>Up to 5 points</b>
<b>Graduation thesis</b>	Consistency with the research themes of the PhD	<b>Up to 5 points</b>
<b>Statement of Research Interest</b>	Clarity, maturity, motivation and expectations	<b>Up to 9 points</b>
<b>Scientific publications</b>	Evaluation of the candidate's contribution and the editorial location of the product.	<b>Up to 9 points</b>
<b>Reference Letters</b>	one point per letter	<b>Up to 3 points</b>
<b>Other Academic qualifications</b>	Academic qualifications/experience abroad/grants, scholarships and awards	<b>Up to 5 points</b>
<b>Other experiences</b>		<b>Up to 2 points</b>
<b>ORAL EXAM</b>	<b>EVALUATION CRITERIA</b>	<b>POINTS</b>
The ORAL EXAM includes the presentation and discussion of the research project and is intended to assess the suitability of the applicant to pursue scientific research as well as the general knowledge of issues connected to the related topics	Project evaluation score: <ul style="list-style-type: none"> <li>• scientific value and originality of the proposal: points 13.</li> <li>• articulation of the proposal: points 13</li> <li>• feasibility of the proposal: points 13</li> <li>• appropriate and rigorous methodology: points 13</li> <li>• consistency with the related issues: points 13</li> </ul> Knowledge of the foreign language: points 5	<b>Up to 70 points</b>

### SCHEDULE OF THE ADMISSION EXAMS

<b>ORAL EXAM</b>	<b>DATE</b>	25 October 2021
	<b>TIME</b>	10:00 am (Italian time)
	<b>PLACE</b>	Classroom 6 (aule Nuove/Ex-presidenza) Via A. Gramsci, 14 – 43126 PARMA - ITALY