



MOLECULAR MEDICINE	
Cycle	XXXVI
Coordinator	Prof. Prisco MIRANDOLA Department of Medicine and Surgery email: prisco.mirandola@unipr.it
Duration	3 years
Starting date of the PhD program	01/11/2020
Partner Institution	<ul style="list-style-type: none">Aalborg University (Denmark)
Research Topics	
<ul style="list-style-type: none">Clinical Biochemistry and Clinical Molecular BiologyMaxillofacial SurgeryCardiac ElectrophysiologyPharmacology of lipid metabolism and associated disordersCardiovascular DiseasesDigital Dentistry	
Training Objectives	
<p>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.</p>	
Admission requirements	
<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">- Laurea specialistica or Laurea magistrale (second cycle master's degree)- Laurea Vecchio Ordinamento (degree obtained under the previous Italian regulations);- Second cycle Master's degree obtained abroad, equivalent to the above mentioned Italian degrees and recognized as suitable for the admission to doctoral program <p>Undergraduate applicants may also submit applications with the obligation of getting their degree by October 31st 2020.</p>	
POSITIONS PUT OUT TO COMPETITION	
With Scholarship	5
Without Scholarship	1
TOTAL	6



Positions with University Scholarship		
N°	Funding entity	Research Topic, if any
3	Scholarship Ministerial funds	---
1	Scholarship University 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		
Foreign Language	Language the fluency of which shall be assessed during the Oral Exam: ENGLISH . The evaluation of the knowledge of this language will be by an oral examination and will consist in translating of a scientific text.	
APPLICANTS SHALL TAKE THE EXAM REMOTELY. For further details please refer to the relevant provision laid down in art. 7 of the Call for applications.		
LIST OF QUALIFICATIONS TO BE SUBMITTED AND THEIR ASSESSMENT		
Mandatory documents to be attached to the on-line application		
<ul style="list-style-type: none">– 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):<ul style="list-style-type: none">○ 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)		
<ul style="list-style-type: none">– 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 (unpublished, developed personally by the candidate. It should be noted that the Examination Board can use of IT tools useful for verifying the originality of the submitted Project), it shall be congruent with the research topic indicated in the ANNEX A and be so structured: 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>, that shall be defined together with the supervisor and approved by the Academic Board;		



- **Statement of Research Interest:** 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;
- **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	Including academic career, 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, and postgraduate experiences, including any awards.	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 2020)	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 with the research themes of the PhD course and quality of the research methodology	Up to 7 points
Research Project	<ul style="list-style-type: none"> ○ scientific value and originality ○ articulation of the proposal ○ research feasibility ○ rigor and appropriateness methodological 	Up to 10 points
Statement of Research Interest	Clarity, maturity, motivation and expectations	Up to 10 points
Scientific publications	Evaluation of the candidate's contribution and the editorial location of the product.	Up to 10 points
Reference Letters	one point per letter	Up to 3 points
Other qualifications	Academic qualifications/experience abroad/grants, scholarships and awards	Up to 10 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">○ discussion of the thesis○ knowledge of chosen topic○ proficiency in the foreign language	Up to 60 points

SCHEDULE OF THE ADMISSION EXAMS

ORAL EXAM	DATE	15 September 2020
	TIME	09:30 am (Italian time)
	PLACE	remotely using the Microsoft Teams platform