

Medical, Omics and Oncological sciences

Cycle	40°
Director	Prof. Paolo Pinton (paolo.pinton@unife.it) Department of Medical Sciences
Duration	3 years
Curriculum	No
Research Topics	https://www.unife.it/studenti/dottorato/it/corsi/riforma/medical-omics-and-oncological-sciences-1
Qualification required for admission	Italian degree known as “Laurea specialistica/magistrale” or a degree awarded prior to approval of Ministerial Decree D.M. n. 509 of 3 November 1999, updated with D.M. n. 270 of 22 October 2004, n. 270; Master’s (second level) degree, or an equivalent foreign academic qualification awarded abroad

Assessment Criteria

Evaluation of qualification: maximum score **50** points. Minimum score required to be admitted to the interview **30/50**

Interview: maximum score **30** points.

Minimum final score required: 60/80

During the interview, applicant’s knowledge of the following languages will be tested

English

List of assessable credentials

Curriculum vitae et studiorum	Mandatory documents: Complete academic career information, a list of examinations and grades and final mark, for Bachelor and Masters degrees. Thesis abstract (max length 2 pages), with the following structure: motivation, research methodology, obtained or expected results and bibliography. Only for undergraduate students: the abstract must be signed by the supervisor.	Up to 12 points
Research project	Maximum length: 2 pages - in English or in Italian which must contain an original proposal for a research project, with the following structure: introduction to the scientific international context, relevance of the topic, expected results, argumentation. <i>Said project is not binding with regard to the subsequent choice of doctoral thesis, with the exception of thematically defined positions, for which the consistency of the research project with the theme is a requirement for evaluation, under penalty of exclusion of the candidacy. The candidate admitted on subject-constrained positions will carry out the research training and the thesis consistent with the subject.</i>	Up to 15 points

Scientific publications	Mandatory documents: <i>In extenso</i> copy of the publications, including abstracts and/or papers presented in national or international congresses and meetings OR File containing the full list of the publications with relevant link	Up to 5 points
Statement of research interest	Short text - maximum length: 2 pages - in English, which must contain the motivations to attend the Ph.D. programme and the candidate's specific research interests.	Up to 5 points
Reference letters	Maximum 3 letters, supporting the application, written and signed by teachers, experts, researchers or professionals, qualified on the course topics.	Up to 3 points
Other academic or professional qualifications	Certified working experiences in the field. Others academic qualifications	Up to 10 points
Interview agenda/program		
Presentation of the proposed research project and the Candidate's linguistic skills will be verified.		
Examination Timetable		
The evaluation of qualifications and the oral test will take place within 7 October, 2024. The outcome of the evaluation of qualifications for the purpose of admission to the interview will be visible on the webpage: https://www.unife.it/studenti/dottorato/it/concorsi/bandi-40/bando-40-ordinario/esiti-concorso The date when it will be possible to see the outcome of the qualification evaluation and the day and time of the oral test will be announced no later than the deadline of the notice on the webpage: https://www.unife.it/studenti/dottorato/it/concorsi/bandi-40/bando-40-ordinario/date-e-luoghi-per-il-colloquio-dates-and-locations-for-the-interview		

TOTAL AVAILABLE POSITIONS	13
With scholarship	10
Position reserved for foreign candidates with foreign degrees	1
Positions reserved for foreign scholarship holders of specific international mobility programs	2

Position with Scholarship		
N.	<i>Fund</i>	<i>Topic or Research Field</i>
1	Regione Emilia-Romagna – PR FSE+ 2021/2027	<i>Psychophysiological characterization of digital actions in order to promote technological, cultural, economic and social transition and limit digital exclusion (digital divide)</i>
1	Co-funded by the Department of Translational Medicine and for Romagna ("European Union funding - NextGenerationEU - mission 4, component 2, investment 1.1") and the University of Ferrara	<i>Green and bioactive 3D printed microalgae gel patches for guided skin and bone regeneration in diabetic foot ulcers (GREENPATCH) CUP F53D23003820006</i>

1	Co-funded by Department of Medical Sciences (European Union funding - NextGenerationEU - mission 4, component 2, investment 1.1) and the University of Ferrara	<i>hyPERTRAcE - Tracing the genomic and biochemical regulations of cell fate by the mitochondrial PERmeability TRAnSition pore</i> CUP F53D23005270006
1	Co-funded by the Department of Medical Sciences (European Union funding - NextGenerationEU - mission 4, component 2, investment 1.1) and University of Ferrara	<i>Unlocking the structure and function of the heme transporter FLVCR1</i> CUP F53D23005390006
1	Co-funded by the Department of Medical Sciences (European Union Funding - NextGenerationEU - mission 4, component 2, investment 1.1) and University of Ferrara, investment 1.1) and the University of Ferrara	<i>Exploring the role of ELOVL4 in squamous epithelia homeostasis and pathology: integrating lipid metabolism, ferroptosis and mitochondrial signaling cascades</i> CUP F53D23005250006
1	Co-funded by the Department of Medical Sciences (European Union funding - NextGenerationEU - mission 4, component 2, investment 1.1) and the University of Ferrara	<i>Prevention of functional decline by multimodal intervention in older diabetic patients</i> CUP F53D23007190006
1	Co-funded by the Department of Medical Sciences and the University of Ferrara	<i>Pur-Ther - New immunotherapies targeting the key purinergic checkpoints in the tumor microenvironment</i> CUP F73C22002060001
1	Co-funded by the Department of Medical Sciences and the University of Ferrara	
1	Co-funded by the Department of Medical Sciences and the University of Ferrara	
1	Co-funded by the Department of Medical Sciences - Departments of Excellence Funds 2023 - 27 and the University of Ferrara	
1	Co-funded by the Department of Neuroscience and Rehabilitation ("European Union funding - NextGenerationEU - mission 4, component 2, investment 1.1") and the University of Ferrara	<i>Extracellular matrix from umbilical cord as component for bioscaffolds tailored to intervertebral disc diseases</i> CUP F53D23003850006