

# Molecular Medicine

\*\* Integrato con Decreto Rettorale n. 1058/2021 Prot. 124480 del 12/07/2021

<b>Cycle</b>	XXXVII
<b>Director</b>	Prof. Francesco Di Virgilio – Dept. of Medical Science – email <a href="mailto:francesco.divirgilio@unife.it">francesco.divirgilio@unife.it</a>
<b>Duration</b>	3 years
<b>Curriculum</b>	No
<b>Research Topics</b>	<a href="http://www.unife.it/studenti/dottorato/corsi/riforma/medicina">http://www.unife.it/studenti/dottorato/corsi/riforma/medicina</a>
<b>Qualification required for admission</b>	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.

## Available Positions

<b>Positions with Scholarship</b>	Regular positions	6
<b>Positions without Scholarship</b>	Regular positions	1
<b>Positions reserved to candidates belonging to specific categories</b>	Reserved positions for candidates holding a foreign government scholarship or a scholarship funded by international mobility programmes	2
	Reserved positions for employees engaged in high qualified research activities (Industrial Doctorate and employees with salary keeping)	2
<b>Total number of available positions:</b>		<b>11</b>

## Kind of Financial Support

N°	Financial support	Subject
2	Università di Ferrara	
1	Co-financed by Dept. Medical Science and Università di Ferrara	Role of mitochondria in cystic fibrosis-associated inflammation
1	Co-financed by Dept. Medical Science and Università di Ferrara	Molecular cytogenetic lesions in chronic lymphocytic leukemia and targeted therapies
1	Co-financed by Dept. NeuroSciences and Rehabilitation and Università di Ferrara	Genetics, pharmacogenetics, and epigenetics of multifactorial disorders
1	Funded by Regione Emilia-Romagna: Research Project for Technology Transfer and Business	Application of artificial intelligence to the study of health conditions, epidemiology and exposure for the identification of individual risk factors in Covid-19 and in the response to vaccination
1	Agreement with Consorzio Innovazione Frutta SOC. CONS. A R.L. (Industrial Doctorate. Reserved positions for employees engaged in high qualified research activities)	Evaluation of biological effects of plant exosomes
1**	Agreement with Azienda Ospedaliero -Universitaria Ospedali Riuniti “Umberto I – G.M. Lancisi – G. Salesi (Reserved positions for employees engaged in high qualified research activities - with salary keeping)	New regenerative technologies in hand surgery

## Admission Criteria

<b>Evaluation of qualification:</b> maximum score 35 points. Minimum score required to be admitted to the interview 25/35 - <b>Interview:</b> maximum score 45 points (including the foreign language examination) - <b>Minimum final score required: 60/80</b>	
During the interview, the applicant’s knowledge of the following languages will be tested.	English

## List of documents for the evaluation

<b>Curriculum studiorum</b>	<b>Mandatory documents:</b> Full Academic career information, a list of examinations and grades and final mark, for Bachelor and Masters degrees, and post degree experience. Thesis abstract, max. length 2 pages, with the following structure: motivation, research methodology, results obtained or expected and bibliography. Only for undergraduates students the abstract must be signed by the supervisor.	Up to 12 points
<b>Research Project</b>	Max 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,	Up to 5 points

	argumentation. The proposed research project is not binding with regard to the subsequent topic that will be carried out during the three year course.	
<b>Scientific Publications</b>	<b>Mandatory documents:</b> <i>In extenso</i> copy of the publications, abstracts and/or papers presented to meetings or congresses; <b>OR</b> File containing the full list of the publications with associated link.	Up to 6 points
<b>Statement of research interest</b>	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
<b>Reference letters</b>	Maximum 3 letters supporting the candidature from teaching staff of the candidate's home university or other universities, or from non-academic experts in the research field of interest.	Up to 3 points
<b>Other academic or professional qualifications</b>	Linguistic certificates; Certified working experiences in the field; other academic qualifications	Up to 4 points

#### Interview

During the interview the Candidate's Research Project proposal will be discussed, and the Candidate's linguistic skills will be verified.

#### Examination Timetable

Evaluation of qualifications and interview will take place in September.

Evaluation results may be checked at the following link: <http://www.unife.it/studenti/dottorato/concorsi/selection>.

The beginning date for consulting the evaluation results and the interview schedule will be available within the present call deadline at the following page <http://www.unife.it/studenti/dottorato/concorsi/commissioni>.