

Advanced Therapies and Experimental Pharmacology

Cycle	XXXVIII
Director	Prof.ssa Katia Varani – Department of Translational and Romagna Medicine – katia.varani@unife.it
Duration	3 years
Curriculum	No
Research Topics	http://www.unife.it/studenti/dottorato/it/corsi/riforma/terapie
Qualification required for admission	Equivalent 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 degree (second level), or an equivalent foreign academic qualification awarded abroad

Available Positions (total)

16

Assessment Criteria

Evaluation of qualification: maximum score 50 points. Minimum score required to be admitted to the interview 35/50

Interview: maximum score 30 points - **Minimum final score required: 60/80**

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

English

List of documents for the evaluation

Curriculum studiorum	<p>Mandatory documents: For candidates holding a degree: complete academic career (Bachelor, Masters degrees) information with certifications or self-declarations with a list of examinations and grades and final marks, for Bachelor and Masters degrees. Thesis abstract (max length 2 pages), with the following structure: motivation, research methodology and results (obtained or expected), bibliography. For undergraduated candidates: complete academic career (Bachelor, Masters degrees) information with certifications or self-declarations with a list of examinations and grades and final marks, for Bachelor and Masters degrees. Thesis abstract (max length 2 pages), signed by the supervisor, with the following structure: motivation, research methodology and results (obtained or expected), bibliography.</p>	Up to 20 points
Research Project	Short text (max length 3 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. The proposed research project is not binding with regard to the subsequent topic that will be carried out during the three-year course.	Up to 20 points
Scientific Publications	<p>Mandatory documents: A file with the full list of the publications, abstracts and/or papers presented during meeting, seminars or symposiums with the link for accessing them.</p>	Up to 4 points
Statement of research interest	Short text (max length 1 page) in English or in Italian, which must present the candidate’s motivations in choosing the Ph.D. Course and the description of his/her research interests.	Up to 4 points
Other Academic or Professional qualifications	International linguistic certificates. Certified working experiences in the field. Other academic qualifications.	Up to 2 points

Interview

During the interview, the candidate’s research experiences will be discussed, and his/her linguistic skills will be verified.

Examination Timetable

Evaluation of qualifications and interview will take place within the 16th of September 2022.

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

The beginning date for consulting the evaluations’ 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>

Available Positions and kind of financial support

N°	<i>Kind of Financial Support</i>	<i>Research subject</i>
7	Università di Ferrara	
2	Funded by IRFO Foundation (International Institute for Research and Training in Ophthalmology)	Topic n. 1: Long-term evaluation of repeat endothelial keratoplasty Topic n. 2: Development of an intraocular lens power formula for cataract surgery combined with endothelial keratoplasty
1	Funded by Istituto Superiore di Sanità	Role of HIV Tat in viral infections and tumors: pathogenesis, interaction with the host, immune control and pre-clinical preventive and therapeutic approaches
1	Funded by Department of Translational and Romagna Medicine	New analgesia strategies in the patient with acute and chronic pathology in the Emergency Department
1	Co- Funded by Department of Translational and Romagna Medicine and Università di Ferrara	Coronary physiology from clinical trials to daily practice
1	Agreement with Impact Science (Interdisciplinary Doctorate reserved for employees engaged in high qualified research activities)	The functional benefits of the administration of exogenous ketone bodies in adults suffering from chronic insomnia and chronic fatigue syndrome
1	Positions reserved to candidates belonging to specific categories	Reserved positions for candidates holding a foreign government scholarship or a scholarship funded by international mobility programmes

Positions deriving from DD.MM. 351/2022 and 352/2022

N°	<i>Kind of Financial Support</i>	<i>Research subject</i>
1	D.M. 351/2022 (PNRR Research Doctorate)- M4C1 I. 4.1)	Personalized precision therapy for patients with aortic stenosis and concomitant cardiac amyloidosis
1	D.M. 351/2022 (PNRR Research Doctorate)- M4C1 I. 4.1)	OMICS-based synergic approach to aging: impact of nutrition, lifestyle and sex on the health and cognitive state of the elderly