

Biomedical Sciences and Biotechnology

* Integrated with Rectoral Decree Rep. n° 1029/2018 Prot. n° 83417 July 10th 2018

Cycle	XXXIV
Director	Prof. Paolo Pinton - Dipartimento di Morfologia, Chirurgia e Medicina Sperimentale – paolo.pinton@unife.it
Duration	3 years
Partner Institutions	International Centre for Genetic Engineering and Biotechnology (ICGEB)
Curriculum	1. Cellular biochemistry and molecular pathology 2. Biotechnology and Bioinformatics 3. Physiopathological and molecular bases of integrated functions of endocrine, nervous and vascular systems
Research Topics	http://www.unife.it/studenti/dottorato/corsi/riforma/biomedical
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.

Available Positions

Positions with Scholarship	Regular Positions	10
	Reserved positions for Candidates holding a Degree awarded by a foreign institution	1
Positions without Scholarship	Regular Positions	2
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	2
Total number of available positions		15

Kind of Financial Support

N°	<i>Funding Institution</i>	<i>Subject</i>
6	Università degli studi di Ferrara	
1	* Funded by Dept. of Biomedical Sciences and Surgery	
2	* Funded by Dept. of Life Sciences and Biotechnologies and by Dept. of Morphology, Surgery and Experimental Medicine	
1	Reserved for candidates coming from countries participating to the International Centre for Genetic Engineering and Biotechnology (ICGEB)	
1	Funded with European Social Fundings of the Operational Programme 2014/2020 Regione Emilia-Romagna: High Competences for Research, for Technology Transfer and Business	Next generation sequencing to identify and characterize clonal hematopoiesis mutations in elderly subjects for the discovery of novel prognostic markers of cardiovascular disease.

Assessment Criteria

Evaluation of qualification: max. score 40 points. Minimum score required to be admitted to the interview 28/40

Interview: max. score 40 points (including the foreign language examination). **Minimum final score required: 60/80**

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

Possibility of videoconference for candidates residing abroad (e.g.: Skype, Adobe Connect, GoToMeeting). Yes

List of documents for the evaluation

Curriculum vitae et studiorum	Mandatory documents Including academic career information, a list of examinations and grades and final marks, for Bachelor and Masters degrees. A thesis abstract may be included – (max length 5.000 types spaces included). Only for undergraduates students the abstract must be signed by the supervisor.	Up to 18 points
Research Project	Max. length: 10.000 character spaces included, in English. Original proposal with the following structure: introduction of the topic in the international scientific context, relevance of the topic, expected	Up to 10 points

	results, argumentation. The text should also include the candidate's motivation to enter the Ph.D. course and describe his/her research interests. The proposed research project is not binding with regard to the subsequent topic to be developed during the three year course.	
Scientific publications	Mandatory documents: Publications in extenso peer reviewed, including abstracts and/or papers presented in national or international congress OR File containing the full list of the publications with associated link.	Up to 5 points
Reference letters	Max 3, supporting the application, written and signed by teachers, experts, researchers or professionals, qualified for the course's topics.	Up to 3 points
Other qualifications	International linguistic certificates Certified working experiences in the field Others academic qualifications	Up to 4 points

Interview

The candidate's research experiences will be discussed, and the candidate's linguistic skills will be verified.

Examination Timetable

Evaluation of qualifications and interview will take place in September, within the deadline set on September 25th, 2018. 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>