



PHD PROGRAMME TABLE 40TH CYCLE

Section "Available Positions and Scholarships" integrated on 13/06/2024

PROGRAMME'S NAME	BIOMEDICAL AND NEUROMOTOR SCIENCES
DURATION	3 years
PROGRAMME START DATE	01/11/2024 (DD/MM/YYYY)
LANGUAGES	Italian, English
COORDINATOR	Prof. Matilde Yung Follo (matilde.follo@unibo.it)
PHD POSITIONS	16
ADMISSION PROCEDURE	Qualifications and research proposal evaluation Oral examination

Available Positions and Scholarships

Pos. n.	Financial Support	Description	Positions linked to research topics
1	PhD scholarship	Totally funded by the University of Bologna general budget	
2	PhD scholarship	Totally funded by the University of Bologna general budget	
3	PhD scholarship	Totally funded by the University of Bologna general budget	
4	PhD scholarship	Funded by the University of Bologna general budget and by the Department of Biomedical and Neuromotor Sciences	
5	PhD scholarship	Totally funded by the University of Bologna general budget	
6	PhD scholarship	Totally funded by the University of Bologna general budget	
7	PhD scholarship	Totally funded by the University of Bologna general budget	
8	PhD scholarship	Totally funded by the University of Bologna general budget	
9	PhD scholarship	Totally funded by the University of Bologna general budget	
10	PhD scholarship	Totally funded by the University of Bologna general budget	
11	PhD scholarship	Totally funded by the University of Bologna general budget	
12	PhD scholarship	Totally funded by the University of Bologna general budget	
13	PhD scholarship	Totally funded by the University of Bologna general budget	
14	PhD scholarship	Totally funded by the University of Bologna general budget	
15	PhD scholarship	Funded by the University of Bologna general budget and by the Department of Biomedical and Neuromotor Sciences in partnership with Cytosens	Analysis of interactions between the leukemic clone and the stroma as mechanism of resistance to new drugs in acute myeloid leukemia
16	Research Grant	Provided by the Department of Biomedical and Neuromotor Sciences with funds made available by the project "PNRR-PE-PE12-MNESYS-4-ADR-Q1" (Vincolo n. 13332/2024). The research grant will have a duration of 12 months,	Validation of a novel therapeutic approach for CDKL5 deficiency disorder combining hematopoietic stem cell

	renewable up to 36 months, and gross percipient amount of €19,456.30 per year.	gene therapy with a cross-correction mechanism
		

The number of positions and scholarships may be incremented in case additional funding becomes available, notwithstanding the terms of the application process in the Call. Any amendment, update or integration of the Programme Table will be published on the University website, even after the Call for applications has expired. Any further PhD positions shall be integrated in the PhD Programme Table within ten days before the oral examination.

All PhD positions winners shall fulfill the learning and research obligations decided by the Academic Board and the obligations foreseen in the relevant regulations, funding schemes and eventual agreements, and in the Call for Applications.

Admission Exams

	DATE AND TIME	RESULTS
Qualifications and research proposal evaluation	Applicants' participation is not required	Available from 10/07/2024
Oral examination	Date: starting from 18/07/2024 – 9.30 a.m. CEST Place: In presence, Anatomia Umana, Department of Biomedical and Neuromotor Sciences, Via Irnerio 48, Bologna. Remotely, using Microsoft Teams, on the basis of a justified request	Available from 23/07/2024

The results of the qualifications and research proposal evaluation shall be available on the webpage [Studenti Online](#) (select “summary of the requests in progress” > “see detail” and open the .pdf file at the bottom of the page) together with the oral examination detailed schedule. **No personal written communication will be sent to applicants concerning the examinations results.**

During the oral examination, applicants may express their interest in one or more positions linked to specific research topics.

Required and Supporting Documents to be attached to the application

All the documents listed below **shall be drawn up in English or in Italian**. In case of documents originally issued in any other language (e.g. identity document, qualifications), an official translation is required.

Only qualifications obtained **during the last 5 calendar years (2020-2024)** shall be taken into consideration, except for the University Degree. The Admission Board will assess the relevance of the supporting documents to the PhD Programme.

REQUIRED DOCUMENTS	
Identity document	Valid identity document with photo (i.e. identity card, passport)
Curriculum Vitae	No specific CV format is required
Degrees	Documents attesting the awarding of the first and second cycle degrees, the exams taken and the marks obtained (see Art. 3 of the Call for Applications)
Research proposal	Multi-annual research proposal, with special emphasis on the activities to be completed during the first-year course . The proposal must meet the following requirements: <ul style="list-style-type: none"> - it must mention on the cover page the PhD programme's main research topic (among the research topics listed on the PhD programme's website) or the research topic linked to the available PhD positions the applicant is interested to and the proposal is about. <u>Research proposals lacking a clear indication of the chosen research topic on the cover page will not be evaluated;</u> - it cannot exceed 20,000 characters, including spaces and formula possibly used. This figure does not include: the title of proposal, the outline, references and images (such as graphs, diagrams, tables, etc. - if present);

	- it must include: the state of the art; description of the proposal; expected results; articulation of the proposal and implementation times; references.
SUPPORTING DOCUMENTS	
Thesis abstract	Abstract of the second cycle degree thesis . Graduands applicants may submit the draft of the thesis. Abstracts cannot exceed 5,000 characters, including spaces and formula possibly used. The above figure does not include: the title of the thesis, the outline, references, and images such as graphs, diagrams, tables etc.
Reference letter/s	No more than 2 reference letters signed by Italian or international academics and professionals in the research field, which do not form part of the Admission Board, attesting the suitability of the applicant and his/her interest in the scientific research. Letters shall be uploaded following the procedure detailed in the Call for Applications (Art. 3.2)
Publications	Lists of publications (i.e. monographs, articles on scientific journals), minor publications (conference papers, etc.), abstracts and posters presented during national and international conferences, etc.
Other documents	<ul style="list-style-type: none"> - Postgraduate vocational training programmes relevant to the PhD Programme main research topics - Specialisation programme thesis abstract (max 5000 characters) - Research activity of any kind - whether basic, applied, translational, etc. - carried out in any capacity, including when covered by research grants, and as a staff member of research projects - Curricular or non-curricular professional internships - Periods of study abroad, completed by applicants outside their countries of origin (e.g. Erasmus programme or other similar mobility programmes) - Other qualifications attesting the suitability of the applicants (scholarships, prizes, etc.)

Evaluation criteria*

Scores will be expressed in points out of 100, as follows.

1. Qualifications and research proposal evaluation

Minimum score for admission to the oral examination: 30 points, Maximum score: 50 points

Qualifications evaluation	<p>First (Bachelor's) and Second cycle degree (Master's) final mark. Graduands shall be evaluated according to the Weighted Average Mark (WAM)</p>	<p>5 points max distributed as follows:</p> <ul style="list-style-type: none"> - 110/110 e Lode (with honour): 5 points - 110/110: 4 points - 109/110-102/110: 3 points - 101/110-90/110: 2 points - 89/110-66/110: 1 point <p>For graduands Weighted Average Mark (WAM) - 5 points max distributed as follows:</p> <ul style="list-style-type: none"> - 30/30 e Lode: 5 points - 30/30: 4 points - 29/30-27/30: 3 points - 26/30-24/30: 2 points - 23/30-18/30: 1 point <p>N.B. The evaluation of the degree grade/weighted average of the exams will be made with reference to the entire path of the studies and will be calculated as the arithmetic mean, mathematically rounded to the whole number, including the votes of MS and any BSc degrees.</p> <p>In case of foreign degrees, we will refer to the ECTS scale, using the most recent tables of</p>
----------------------------------	--	---

		conversion. The score for each qualification will be assigned as follows: A: 5 points, B: 4 points, C: 3 points, D: 2 points, E: 1 point.
	Publications	10 points max , distributed as follows: - 1 point for each publication in extenso published in journals with IF (belonging to the categories "Research Papers" and "Review" on PubMed) - 0.5 points for each book chapter of scientific text (not educational or informative) - 0.1 points for each Abstract presented at National or International Congresses
	Thesis abstract (consistency with the main topics of the PhD programme and with the submitted research proposal)	3 points max
	Scholarships, research grants, vocational programmes or advanced training	1 point max
	Professional training, specialty thesis or other qualifications (e.g. study period abroad)	1 point max
Research proposal evaluation	Scientific value and ground-breaking nature of the proposal	10 points max
	Structure of the proposal	10 points max
	Proposal feasibility	10 points max

2. Oral examination

Minimum score for eligibility: 30 points, Maximum score 50 points

English language proficiency	10 points max
Research proposal presentation	20 points max
General knowledge of the PhD programme's main research topics and of the research topics linked to the available PhD positions	20 points max

Oral examination aims to assess the suitability of the applicant for scientific research as well as the general knowledge of the PhD programme's main research topics and of the research topics linked to the available PhD positions.

The oral examination is carried out in English.

* Possible further evaluation criteria will be available on the [University website](#), selecting the relevant PhD Programme > "More information".