



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

AREA
FORMAZIONE E DOTTORATO

PHD PROGRAMME TABLE 40TH CYCLE

Section "Available Positions and Scholarships" integrated on 03/06/2024



Section "Available Positions and Scholarships" integrated on 11/06/2024

Section "Available Positions and Scholarships" integrated on 21/06/2024

PROGRAMME'S NAME	ONCOLOGY, HEMATOLOGY AND PATHOLOGY
DURATION	3 years
PROGRAMME START DATE	01/11/2024 (DD/MM/YYYY)
LANGUAGES	Italian, English
COORDINATOR	Prof. Manuela Ferracin (manuela.ferracin@unibo.it)
PHD POSITIONS	20
ADMISSION PROCEDURE	Qualifications evaluation Oral examination

Available Positions and Scholarships

Pos. n.	Financial Support	Description	Positions linked to research topics
1	PhD scholarship	Funded by the University of Bologna general budget and by the Department of Medical and Surgical Sciences with funds made available by the project "Functional dissection and therapeutic targeting of novel oncogenic pathways in cancer of unknown primary" rif. AIRC IG 2021 ID 25789 – CUP: J55F22000040001, ref. Prof. Ferracin	Molecular, genetic and functional characterization of Cancer of Unknown Primary
2	PhD scholarship	Funded by the University of Bologna general budget and by the Department of Medical and Surgical Sciences (ref. Prof. Masetti)	Clinical and neurophysiological biomarkers of neurological complications in children treated for cancer
3	PhD scholarship	Funded by the University of Bologna general budget and by the Department of Medical and Surgical Sciences with funds made available by the project "Circadian interception of ERBB members and neutralization of compensatory pathways to overcome resistance to TKIs" rif. IG 2023 ID 28760 – CUP: J53C23003830007, Ref. Prof. Lauriola	Circadian interception of ERBB family: the role of bypass pathways
4	PhD scholarship	Funded by the University of Bologna general budget and by the Department of Medical and Surgical Sciences with funds made available by	Precision oncology with new drugs

		the project PNRR-PE-PE6-HEALITALIA-Spoke 8 - Ref. Prof. Pantaleo)	
			
5	PhD scholarship	Funded by the University of Bologna general budget and by the Department of Medical and Surgical Sciences (Ref. Prof. Pantaleo)	Prognostic and predictive factors in urogenital tumors
6	PhD scholarship	Funded by the University of Bologna general budget and by the Department of Medical and Surgical Sciences (Ref. Prof. Ardizzoni)	Study and clinical implication of new drugs in medical oncology
7	PhD scholarship	Funded by the University of Bologna general budget and by the Department of Medical and Surgical Sciences (Ref. Prof. Brandi)	New targets for FGFR TKIs
8	PhD scholarship	Funded by the University of Bologna general budget and by the Department of Medical and Surgical Sciences (Ref. Proff. Cavo and Zamagni)	New prognostic, therapeutic, and monitoring strategies in multiple myeloma
9	PhD scholarship	Funded by the University of Bologna general budget and by the Department of Medical and Surgical Sciences (Ref. Proff. Cavo and Curti)	Cellular interactions in the bone marrow of patients with acute myeloid leukemia
10	PhD scholarship	Funded by the University of Bologna general budget and by the Department of Medical and Surgical Sciences with funds made available by the project PNRR-PE-PE6-HEALITALIA-Spoke 8 (Ref. Proff. Cavo and Zinzani)	New immunotherapy drugs in non-Hodgkin's lymphomas
			
11	PhD scholarship	Funded by the University of Bologna general budget and by the Department of Medical and Surgical Sciences (Ref. Proff. Cavo and Bonifazi)	Optimization of GVHD prophylaxis and therapy after allogeneic transplantation: role of microbiota and inflammation
12	PhD scholarship	Funded by the Department of Medical and Surgical Sciences with funds made available by the project "Neutralizing HER3/NRG1 Axis by a Combination of Therapeutic Aptamers and Monoclonal Antibodies in HNSCC Organoids" rif. MFAG 2023 ID 29271 – CUP: J53C23003840007 (Ref. Prof. Lauriola)	Neutralizing HER3/NRG1 Axis in HNSCC Organoids
13	PhD scholarship	Funded by Centro Alma Healthy Planet with contributions from: Il pensatore Matteo Amitrano ETS; Associazione Aurora Tomaselli Ricerca e Prevenzione; Associazione Chiara Paradiso la forza dell'amore Onlus; Associazione Liberi di vivere Luca Righi Onlus; Associazione Mario Campanacci per lo studio e la cura dei tumori muscolo scheletrici; Associazione Un sorriso con Luca (Ref. Dott. Katia Scotlandi)	Development of innovative therapeutic approaches in musculoskeletal tumors (PROTAC, drug library screening using different experimental models)
14	PhD scholarship	Funded by Istituto delle Scienze Neurologiche - Azienda USL di Bologna	Clinical research in brain malignancies
15	PhD scholarship	Funded by Astrazeneca S.p.A.	Therapy of chronic lymphocytic leukemia: role of covalent BTKi in first line and relapsed/refractory patients
16	PhD Position without scholarship		Prognostic and predictive factors in urogenital tumors

17	<i>PhD Position without scholarship</i>	BH3-mimetics combination therapies in pediatric high-risk myeloid diseases: clinical efficacy and translational analysis of susceptible and resistant genetic profiles
18	<i>PhD Position without scholarship</i>	Rare cancers of the head and neck: a comprehensive approach combining genomic, immunophenotypic and computational aspects to improve patient prognosis and establish innovative preclinical models
19	<i>PhD Position without scholarship</i>	Non neoplastic haematological disorders: epidemiology and definition of patient's management
20	<i>PhD Position without scholarship</i>	Detection of micro- and nanoplastics in the tumoral context of cholangiocellular tumors and correlation with clinical parameters

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 23/06/2024
Oral examination	Date: starting from 03/07/2024 – 9.00 a.m. CEST Place: In presence, Aula Pisi - Policlinico S. Orsola Malpighi - Padd. 11, Via Massarenti 9, Bologna. Remotely, using Microsoft Teams	Available from 08/07/2024

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** 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). Please, upload together with the second-cycle degree certificate, the Attachment 1 form, duly filled, including the weighted average of the exam marks (WAM) for all the University cycles.
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 and 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 drawn up according to the attached form n.2 (the same form can be downloaded in .docx from the University website , selecting the relevant PhD Programme > “More information”, section “Notices” at the bottom of the page) and shall be uploaded following the procedure detailed in the Call for Applications (Art. 3.2).
Personal Statement	The statement shall include the reasons prompting the applicant to attend the PhD Programme and those relevant experiences and research interests , that make the applicant suitable for the specific PhD Programme (3000 characters maximum, including spaces).
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	Documents attesting the applicant’s foreign languages proficiency

Evaluation criteria*

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

1. Qualifications evaluation

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

Weighted Average Mark (WAM) referred to academic programmes (first and second cycle)	25 points max
Publications	7 points max
Consistency of the master’s degree thesis - for graduands thesis draft - with the topics covered by the PhD programme	10 points max
Reference letter/s	5 points max
Personal statement	3 points max

2. Oral examination

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

English language proficiency	10 points max
General knowledge of the PhD programme’s main research topics and of the research topics linked to the available PhD positions	40 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. **During the oral examination, the applicant’s English proficiency shall be assessed.**

The oral examination is carried out in Italian or English.

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

ATTACHMENT N. 1

REQUIRED INFORMATION

(to be attached to the second level degree's certificate)

Surname _____ Name _____ Date of birth _____

EDUCATION

Bachelor's Degree (or equivalent first cycle degree)

Programme's name: _____

Programme's type (es. Bachelor's degree, ...): _____

Awarding institution: _____

Degree final mark: _____ (Highest possible mark: _____)

Master's Degree or Single cycle degree (or equivalent second cycle degree)

Programme's name: _____

Programme's type (es. Master's degree, ...): _____

Awarding institution: _____

Degree final mark: _____ (Highest possible mark: _____)

(except for graduands)

WEIGHTED AVERAGE MARK (WAM): _____

Please, consider marks obtained during the whole university career

(i.e. Exams passed during the First cycle programme + exams passed during the Second cycle programme
OR Exams passed during the Single-cycle programme)

only for applicants submitting degrees awarded by Italian Higher Education Institutions

To calculate the **media ponderata** (weighted average mark):

1. Multiply the marks obtained by the number of CFUs (please, note that "30 e lode" is regarded as 30);
2. Add up all the obtained results;
3. Divide the result by the total of the CFUs;
4. Multiply the obtained average by 110 and then divide by 30.

Riferimento del Candidato/a e del Referente Applicant and Referee details			
Nome del Candidato <i>Name of Applicant</i>			
Corso di Dottorato per cui ha presentato domanda <i>PhD Course for which the applicant has applied</i>			
Nome del Referente <i>Name of Referee</i>		Titolo Title	
Affiliazione <i>Institution /Organisation</i>			
Email			
Phone			

Reference for graduate application						
<i>Il Coordinatore del Corso di Dottorato apprezzerrebbe una sua valutazione del candidato</i> <i>The Coordinator of the PhD Course will appreciate your evaluation of the applicant's capacity.</i>						
Per quanto tempo ha supervisionato il Candidato/a <i>How long have you known the applicant?</i>						
In quale veste ha conosciuto il candidato <i>In what capacity have you known the applicant?</i>						
Per favore, valuti il Candidato confrontandolo con altri studenti da lei supervisionati (laureandi dal vostro istituto o attuali studenti senior presso l'istituto): <i>Please rate the applicant in comparison with other students known to you (either undergraduates from your institution or current senior students at your institute):</i>						
ATTITUDINE ALLA RICERCA/RESEARCH SKILLS	Top 2%	Top 5%	Top 10%	Top 25 %	Top 50 %	Bottom 50%
Potenziale Accademico / Academic potential						
Capacità di ragionare in modo indipendente: creatività, curiosità, fiducia nelle proprie idee <i>Intellectual independence: creativity, curiosity, self-confidence</i>						
Capacità di giudizio: capacità di valutare una problematica, consapevolezza, determinazione <i>Capacity for analytical thinking: ability to analyse a problem, consciousness and determination.</i>						
Attitudini alla ricerca: capacità pratiche e di comunicazione <i>Research skills: bench work, scientific communication</i>						
Motivazione / Motivation for graduate study						
SOCIALE/SOCIAL	Top 2%	Top 5%	Top 10%	Top 25%	Top 50%	Bottom 50%
Maturità / Maturity						
Affidabilità: senso di responsabilità <i>Reliability: dependability and responsibility</i>						
Capacità di lavorare in gruppo <i>Ability to work with others</i>						
Note: Non compilare se impossibilitati ad esprimere un giudizio <i>Note: leave blank if unable to assess</i>						

Firma/Signature:

Data / Date:

Per favore, scriva un giudizio sul Candidato/a e sull'esperienza nell'ambito della ricerca (se preferisce può scrivere una lettera su carta intestata e allegarla al presente modulo)
Please write an assessment of the Candidate and his/her research activity (you may write a separate letter and attach it to this form):

Firma/Signature:

Data / Date:

La ringraziamo per la sua valutazione

Thank you for completing this evaluation.

Per favore, inviare la valutazione entro il..

Please return this form within ...

La valutazione deve essere caricata sul sito tramite il link ricevuto via email.

You must upload the reference letter on the website through the link received in the email