

**PhD Programme Table - 39th cycle**  
**Call for Applications for the admission to the PhD programmes (39<sup>th</sup> cycle) A.Y. 2023/2024**  
**for scholarships funded by Next Generation EU – NRRP ex M.D. 117/2023 and M.D.**  
**118/2023 and from other sources**



PROGRAMME'S NAME	<b>CARDIO NEPHRO THORACIC SCIENCES</b>
DURATION	3 years
PROGRAMME START DATE	01/11/2023 (DD/MM/YYYY)
LANGUAGES	Italian, English
COORDINATOR	Prof. Niccolò Daddi ( <a href="mailto:niccolo.daddi@unibo.it">niccolo.daddi@unibo.it</a> )
CURRICULA	1. Cardiology/Cardiac Surgery 2. Nephrology/Urology 3. Pulmonary Diseases/Thoracic Surgery
PhD POSITIONS	9
ADMISSION PROCEDURE	Research proposal evaluation Oral examination

**Available Positions and Scholarships**

Pos. n.	Financial Support	Description	Positions linked to a specific research topic
1	<b>PhD Scholarship</b>	Totally funded by the University of Bologna general budget	
2	<b>PhD Scholarship</b>	Totally funded by the University of Bologna general budget	
3	<b>PhD Scholarship</b>	Totally funded by the University of Bologna general budget	
4	<b>PhD Scholarship</b>	Funded by the University of Bologna general budget and by the Department Medical and Surgical Sciences	Organizational paths in the management of andrological and reproductive problems of people with epilepsy
5	<b>PhD Scholarship PNRR ex M.D. 118/2023 - Public Administration</b>	Funded by the EU - NextGenerationEU with funds made available by the National Recovery and Resilience Plan (NRRP) Mission 4, Component 1, Investment 4.1 (M.D. 118/2023) - Public Administration	Organizational models for optimizing resources in the use of high technology in surgery
6	<b>PhD Scholarship PNRR ex M.D. 118/2023 - Public Administration</b>	Funded by the EU - NextGenerationEU with funds made available by the National Recovery and Resilience Plan (NRRP) Mission 4, Component 1, Investment 4.1 (M.D. 118/2023) - Public Administration	Reorganization model of the waiting list for kidney transplantation implemented with analytical-computational and bio-cellular functions for an approach based on the principles of feasibility and appropriateness
7	<b>PhD Scholarship PNRR ex M.D. 118/2023 - PNRR Research</b>	Funded by the EU - NextGenerationEU with funds made available by the National Recovery and Resilience Plan (NRRP) Mission 4, Component 1, Investment 4.1 (M.D. 118/2023) – PNRR Research	Multidisciplinary and synergistic approach in the postoperative management of complex cardiac surgery patients
8	<b>PhD Scholarship</b>	Funded by the EU - NextGenerationEU with funds made available by the National Recovery	Anticoagulant therapy in patients with atrial fibrillation and neoplasia or

	<b>PNRR ex M.D. 118/2023 - PNRR Research</b>	and Resilience Plan (NRRP) Mission 4, Component 1, Investment 4.1 (M.D. 118/2023) – PNRR Research	leukemia/lymphoma in long-term onco-haematological therapy
9	<b>PhD Scholarship PNRR ex M.D. 118/2023 - PNRR Research</b>	Funded by the EU - NextGenerationEU with funds made available by the National Recovery and Resilience Plan (NRRP) Mission 4, Component 1, Investment 4.1 (M.D. 118/2023) – PNRR Research	Multimodality imaging in patients with acute myocardial infarction and absence of significant coronary artery stenoses

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. Moreover, applicants awarded with PhD scholarships funded by Next Generation EU shall fulfill specific obligations foreseen in the relevant funding scheme, in the relevant regulations and in the Call for Applications.

## Admission Exams

	DATE AND TIME	RESULTS
<b>Research proposal evaluation</b>	Applicants' participation is not required	Available from <b>30/06/2023**</b>
<b>Oral examination</b>	<b>Date:</b> starting from <b>14/07/2023 – 9.00 a.m. CEST*</b> <b>Place:</b> In presence, Biblioteca Possati – First Floor Padiglione 25, IRCSS Ospedale S. Orsola Malpighi, Via Massarenti 9, Bologna. Remotely, using Microsoft Teams	Available from <b>17/07/2023**</b>

\* In case that the oral examination cannot be completed in one day due to the large number of applicants, the oral examination detailed schedule shall be made available on the webpage [Studenti Online](#) together with the results of the research proposal evaluation. **During the oral examination, applicants may express their interest in one or more positions linked to specific research topics.**

\*\* The **results of the admission exams** will 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). **No personal written communication will be sent to applicants concerning the examinations results.**

## 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	
<b>Identity document</b>	Valid identity document with photo (i.e. identity card, passport)
<b>Curriculum Vitae</b>	No specific CV format is required
<b>Degrees</b>	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)
<b>Research proposal</b>	Multi-annual research proposal, with special emphasis on the <b>activities to be completed during the first-year course</b> . The proposal must meet the following requirements: <ul style="list-style-type: none"> <li>- it must <b>mention on the cover page the Curriculum and/or the main research topics</b> the applicant is interested to and the proposal is about;</li> <li>- <b>it cannot exceed 20,000 characters</b>, 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);</li> <li>- <b>it must include:</b> the state of the art; description of the proposal; expected results; articulation of the proposal and implementation times; outlining of the criteria meant to be used to assess the research results; references.</li> </ul>

SUPPORTING DOCUMENTS	
<b>Thesis abstract</b>	Abstract of the <b>second cycle degree thesis</b> . 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.
<b>Publications</b>	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.
<b>Other documents</b>	<ul style="list-style-type: none"> <li>- Postgraduate vocational training programmes relevant to the PhD Programme main research topics</li> <li>- Specialisation thesis (abstract or full text)</li> <li>- Documents attesting the applicant's foreign languages proficiency</li> <li>- Periods of study abroad, completed by applicants outside their countries of origin (e.g. Erasmus programme or other similar mobility programmes)</li> <li>- Other qualifications attesting the suitability of the applicants (scholarships, prizes, etc.)</li> </ul>

## 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

Scientific value and ground-breaking nature of the proposal	20 points max
Structure of the proposal	15 points max
Proposal feasibility	15 points max

### 2. Oral examination

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

English language proficiency	10 points max
Research proposal presentation	30 points max
General knowledge of the PhD programme's main research topics and of the research topics linked to the available PhD positions	10 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 language proficiency shall be assessed.

**The oral examination is carried out in Italian or in English.**

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