



UNIVERSITA'  
CAMPUS  
BIO-MEDICO  
DI ROMA



Finanziato  
dall'Unione europea  
NextGenerationEU



Italiadomani  
PIANO NAZIONALE DI RIPRESA E RESILIENZA

RECTOR'S DECREE  
*Academic Year 2022-2023*  
No. 558 of 08/09/2023

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## PHD - 39TH CYCLE ACADEMIC YEAR 2023-2024 SUPPLEMENT AND AMENDMENTS OF RECTORAL DECREE NO 464 OF 15/06/2023

### The RECTOR

- Considering** Italian Law No. 240 of 30/12/2010, containing regulations regarding the organization of universities, academic staff and recruitment, as well as the mandate to the Government to promote the quality and efficiency of the university system;
- Considering** the Rector's Decree No. 196 of 30/05/2022, containing regulations on the subject of the research doctorates of Università Campus Bio-Medico di Roma, in implementation of the provisions of Italian Law No. 240/2010;
- Considering** the Rector's Decree No. 464 of 15/06/2023, with which the PhD courses -39th cycle - were launched;
- Considering** that art. 9, paragraph 2, of the Rector's Decree n. 464 of 15/06/2023, provides that the number of scholarship seats available may be increased if funding is available from other universities, public or private institutions, such contributions are conditional to their publication by the day before the date of the interview;
- Considering** approval of competent authorities, relating to the financing of no. 5 additional PhD scholarships in Integrated Biomedical Science and Bioethics;
- Considering** the opportunity of making such grants available for the PHD - 39TH CYCLE ACADEMIC YEAR 2023-2024;
- Considering** the need to integrate the call for bids;

### HEREBY DECREES

#### Article 1 (Increase of scholarships)

The number of scholarships and seats relating to the PhD courses in Integrated Biomedical Science and Bioethics, 39th cycle referred to the call for bids stated in the foreword, is increased as indicated in Annex A to this Decree, which displays the updated number of scholarships.



**Art. 2**

**(Dissemination of the call)**

The present call is available on the following website <https://www.unicampus.it/en/ricerca-ucbm/dottorati-di-ricerca/bandi-dottorati-di-ricerca/>.

Rome, September 8<sup>th</sup> 2023

Chief Executive Officer and Director General  
signed Dr. Andrea Rossi

The Rector  
signed Prof. Eugenio Guglielmelli

Digitally signed document



ANNEX A  
R.D. no. 558 dated 08/09/2023

<b>PhD Course</b> Bioengineering, Applied Sciences and Intelligent Systems - XXXIX Cycle A.Y. 2023-2024		<b>Curricula:</b> <ul style="list-style-type: none"> <li>• Bioengineering and Robotics;</li> <li>• Biosciences and Applied Physics;</li> <li>• Intelligent Systems and Digital Technologies.</li> </ul>
<b>PhD Course Coordinator:</b> Prof. Loredana Zollo		
<b>Duration:</b> 3 years	<b>Places:</b> 14	<b>Places supported by scholarships:</b> 11 <b>Number of places without a scholarship:</b> 3
<b>Positions with a <u>specific research topics</u> scholarship granted by university funds or other bodies</b> 2 post-graduate scholarships granted by the Ministry of University and Research on the topic “Science and Technology for human wellbeing and healthcare”; 1 scholarship granted by the <b>Med’Or Foundation</b> on the topic “ <u>Medical devices for low-income countries, with a particular focus on sub-Saharan Africa</u> ”;		
<b>Positions with a <u>specific research topics</u> scholarship granted by the National Recovery and Resilience Plan (NRPP) funds - as per Min. Decree n. 118/2023</b> 2 scholarships – topic: Research NRRP CUP C87G23000450009; 1 scholarship – topic: Public Administration with periods of study and research at <b>The National Fire and Rescue Service</b> on the topic: “ <u>Enabling technologies and solutions to the digital and ecological transition of the National Fire and Rescue Service</u> ” CUP C87G23000460009 (co- founded by INAIL Call for Collaborative Research ( <b>BRIC 2022</b> ) topic id 44 “Analisi e protezione degli asset tecnologici e dei lavoratori contro gli attacchi informatici” dal titolo “Industrial Cyber Shield (ICS)” CUP C83C22001460001 and MUR – <b>PRIN 2020</b> – Research projects of relevant national interest topic “Community-Oriented Wearable Computing Systems (COMMON-WEARS)” CUP C83C22000430001); 1 scholarship – Public Administration with periods of study and research at the <b>Centro Alti Studi per la Difesa</b> on the topic “ <u>Research activities about critical infrastructure for public administration</u> ” CUP C87G23000460009 (co- founded by INAIL Call for Collaborative Research ( <b>BRIC 2022</b> ) topic id 44 “Analisi e protezione degli asset tecnologici e dei lavoratori contro gli attacchi informatici” dal titolo “Industrial Cyber Shield (ICS)” CUP C83C22001460001); 1 scholarship – topic: Public Administration with periods of study and research at <b>University Hospital “Luigi Vanvitelli”</b> on the topic “ <u>Early detection of retinal diseases enhanced by Artificial Intelligence</u> ” CUP C87G23000460009 (co-supported by EU project “Leveraging AI based technology to transform the future of health care delivery in Leading Hospitals in Europe” — “ <b>ODIN</b> ”, Grant Agreement number: 101017331, CUP C85F21000670006); 1 scholarship – topic: Public Administration with periods of study and research at <b>ISPRA</b> on the topic “ <u>New safety and security issues related to critical infrastructure transformations</u> ” CUP C87G23000460009.		
<b>Positions with a <u>specific research topics</u> scholarship granted by the National Recovery and Resilience Plan (NRPP) funds - as per Min. Decree n. 117/2023 CUP C87G23000470009:</b> 1 scholarship co-supported by <b>Almalaurea</b> on the topic “Digital Technologies for placement”.		
<b>Positions with a <u>specific research topics</u> scholarship granted by the National Recovery and Resilience Plan (NRPP) project “Integrated Infrastructure Initiative in Photonic and Quantum Sciences” I-PHOQS CUP B53C22001750006</b> 1 scholarship granted by <b>National Research Council of Italy - National Institute of Optics</b> on the topic “Photonics for molecular sensing”.		



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<b>PhD Course</b> Sustainable Development: Environment, Food and Health - XXXIX Cycle A.Y. 2023-2024		<b>Curricula:</b> <ul style="list-style-type: none"> <li>• Engineering for Sustainable Development and Environmental Protection;</li> <li>• Health, Nutrition and Ageing;</li> <li>• Food Science and Environmental Sustainability.</li> </ul>
<b>PhD Course Coordinator:</b> Prof.ssa Chiara Fanali		
<b>Duration:</b> 3 years	<b>Places:</b> 10	<b>Places supported by scholarships:</b> 8 <b>Number of places without a scholarship:</b> 2
<b>Positions with scholarship granted by university funds or other bodies</b> 2 post-graduate scholarships granted by the Ministry of University and Research		
<b>Positions with a <u>specific research topics</u> scholarship granted by the National Recovery and Resilience Plan (NRPP) funds - as per Min. Decree n. 118/2023</b> 2 scholarships – topic: Research NRRP CUP C87G23000480009; 1 scholarship – topic: Digital and Environmental Transitions with periods of study and research at <b>ISPRA</b> on the topic <u>Ecotoxicological evaluation of bioactive molecules, recovered from food waste materials, on marine and freshwater organisms</u> CUP C87G23000490002		
<b>Positions with a <u>specific research topics</u> scholarship granted by the National Recovery and Resilience Plan (NRPP) - Operational Research Plan - project “Research and development of technologies for the hydrogen supply chain”</b> 1 scholarship granted by <b>Enea</b> on the topic <u>“Development of an innovative electric-powered steam reforming process”</u> ; 1 scholarship granted by <b>Enea</b> on the topic <u>“Development of a hydrogasification process to convert solid bio-wastes using renewable energy”</u> ; 1 scholarship granted by <b>Enea</b> on the topic <u>“Development of an innovative process for hydrogen production and storage using renewable energy and ammonia as chemical carrier”</u> ;		



<b>PhD Course</b> Scienze Biomediche Integrate e Bioetica - XXXIX Cycle A.Y. 2023-2024		<b>Curricula:</b> <ul style="list-style-type: none"> <li>• Endocrinology;</li> <li>• Bioethics;</li> <li>• Osteo-oncological Diseases;</li> <li>• Science of Ageing and Tissue Regeneration;</li> <li>• Neurological Science.</li> </ul>
<b>PhD Course Coordinator:</b> Prof. Raffaele Franco Antonelli Incalzi		
<b>Duration:</b> 3 years	<b>Places:</b> 16	<b>Places supported by scholarships:</b> 12 <b>Number of places without a scholarship:</b> 4
<b>Positions with scholarship granted by university funds or other bodies</b> 1 post-graduate scholarship granted by the <u>Ministry of University and Research</u> ; 1 scholarship granted by <u>Sanofi</u> and <u>Campus Bio-Medico University of Rome</u> ; 2 scholarships granted by <u>Campus Bio-Medico University of Rome</u> ; 1 scholarship granted by <u>Merck Serono S.p.A.</u> ; 2 scholarship granted by <u>Campus Bio-Medico University Hospital Foundation</u> ; 2 scholarships granted by <u>Campus Bio-Medico University Hospital Foundation</u> and <u>Campus Bio Medico University of Rome</u> ;		
<b>Positions with a <u>specific research topics</u> scholarship granted by university funds or other bodies</b> 1 post-graduate scholarship granted by the Ministry of University and Research on the topic " <u>Bioinformatics, biostatistics and statistical modelling, spatial statistics, data analysis, use of software for analysis of geospatial data</u> ";		
<b>Positions with a <u>specific research topics</u> scholarship granted by National Recovery and Resilience Plan (NRPP) funds - as per Min. Decree n. 118/2023 topic : Research NRRP CUP C87G23000390009:</b> 1 scholarship on the topic " <u>Metabolic dysfunction-associated fatty liver disease as a multiorgan disorder: relevant cross-talks for determining hepatic phenotype and extra-hepatic manifestations</u> " 1 scholarship on the topic " <u>Personalization of non-invasive neuromodulation for diagnostic and therapeutic treatments, as well as interaction with intelligent devices, based on innovative features related to the activity of the autonomic nervous system</u> ".		