



UNIVERSITA'
CAMPUS
BIO-MEDICO
DI ROMA



Finanziato
dall'Unione europea
NextGenerationEU



Italiadomani
PIANO NAZIONALE DI RIPRESA E RESILIENZA

RECTOR'S DECREE
Academic Year 2023-2024
No. 102 of 29/02/2024

PHD - 39TH CYCLE ACADEMIC YEAR 2023-2024 SUPPLEMENT AND AMENDMENTS OF RECTORAL DECREE NO 04 OF 08/01/2024

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. 537 of 09/08/2023, 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. 04 of 08/01/2024, with which the PhD courses -39th cycle - were launched;
- Considering** that art. 9, paragraph 2, of the Rector's Decree n. 04 of 08/01/2024, 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 five days (including holidays) before the date of the interview.
- Considering** approval of competent authorities, relating to the financing of additional PhD scholarships in Bioengineering, Applied Sciences and Intelligent Systems and 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 Bioengineering, Applied Sciences and Intelligent Systems and 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/bando/bando-dottorati-di-ricerca-xxxix-ciclo-a-a-2023-2024-bis/>.

Rome, February 29th, 2024

Chief Executive Officer and Director General
signed Dr. Andrea Rossi

The Rector
signed Prof. Eugenio Guglielmelli

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ANNEX A
R.D. no. 102 dated 29/02/2024

PhD Course Bioengineering, Applied Sciences and Intelligent Systems - XXXIX Cycle A.Y. 2023-2024		Curricula: <ul style="list-style-type: none"> • Bioengineering and Robotics; • Biosciences and Applied Physics; • Intelligent Systems and Digital Technologies.
PhD Course Coordinator: Prof. Loredana Zollo		
Duration: 3 years	Places: 8	Places supported by scholarships: 6 Number of places without a scholarship: 2
Date and place of the interview		<ul style="list-style-type: none"> • March 5, 2024 ore 10:00 am Apply remotely on the platform Microsoft Teams
Positions with a <u>specific research topics</u> scholarship granted by university funds, research project or other bodies		
1 Scholarship co-founded by NRPP project - PRIN : Research projects of relevant national interest – Call 2022 on the topic: “RNA secondary structures and their relationship with function: application to non-coding RNAs (RNA2Fun)” PRIN2022 prot. P2022FFEWN CUP C53D23007940001 and granted by Università Campus Bio-Medico di Roma Topic: “ <u>Computational study of RNA structures and of their structure-function relationship</u> ”		
1 Scholarship granted by PRIN : Research projects of relevant national interest – Call 2022 “ PERSEA - Personal Empathic Robot with Sensory-motor and social interaction capabilities for Autism” Prot. 2022P349BK CUP: C53D23000470008 and Università Campus Bio-Medico di Roma Topic: “ <u>Human-machine interfaces for Personal Empathic Robot</u> ”		
1 Scholarship granted by National Institute for Insurance against Accidents at Work (INAIL) on the project PR23-PAS-P3 <u>3Daid++</u> “Protesi di mano e ausili robotici esoscheletrici a basso costo per bambini e adulti” CUP: E57G23000220005 Topic: “ <u>Actuation modules for hand prostheses and orthoses</u> ”		
1 Scholarship founded by Università Campus Bio-Medico di Roma Topic: “ <u>Theories, educational methods and empirical research for the study and the promotion of human flourishing</u> ”		
1 Scholarship founded by Cook Children’s Medical Center Topic: “ <u>Development of Biomarkers of Epilepsy from Invasive and Non-invasive Recordings</u> ”		
1 Scholarship granted by PRIN : Research projects of relevant national interest – Call 2022 - PE7 - Wearable SmArt Devices for community-based low BACK pain rehabilitation “WAYBACK” - Prot. 2022HNBRKL CUP: C53D23000420008 and Università Campus Bio-Medico di Roma Topic: “ <u>Innovative sensors for monitoring physiological parameters</u> ”		
Positions without scholarship on a specific research topics		
2 position without scholarship Topic: “ <u>Innovative sensors for monitoring physiological parameters</u> ”		



PhD Course Sustainable Development: Environment, Food and Health - XXXIX Cycle A.Y. 2023-2024	Curricula: <ul style="list-style-type: none"> • Engineering for Sustainable Development and Environmental Protection; • Health, Nutrition and Ageing; • Food Science and Environmental Sustainability. 	
PhD Course Coordinator: Prof.ssa Chiara Fanali		
Duration: 3 years	Places: 5	Places supported by scholarships: 5
Date and place of the interview		<ul style="list-style-type: none"> • March 11, 2024 ore 02:30 pm Apply remotely on the platform Microsoft Teams
Positions with a <u>specific research topics</u> scholarship granted by university funds, research project or other bodies 1 scholarship co-founded by PRIN: Research projects of relevant national interest – Call 2020 “Modulating synaptic neurotransmission to reactivate the immune reaction against brain tumors” Prot. 2020Z73J5A CUP C83C22000440001, topic CAL.HUB.RIA (CALabria HUB for Innovative and Advanced Research) T4-AN-09 granted by Italian Ministry of Health with grant on Operational Health Plan (FSC 2014-2020) with particular regard to the Areas n. 4 “biomedical, biotechnology e pharmaceutical.”, Action 4.1 “Creation of Life Sciences Hub” CUP C83C22000790001 and Università Campus Bio-Medico di Roma Topic: <u>“Function of role of the dopaminergic circuits in early phase of Alzheimer’s disease”</u> 1 scholarship granted by Italian National Institute of Health Topic: <u>“Socio-economic analysis and impact of the new regulatory system on the chemical products supply chain at European level”</u> 1 scholarship granted by Italian National Institute of Health Topic: <u>“The impact of sanitization processes on National Health Service facilities”</u>		
Positions with a <u>specific research topics</u> scholarship granted by the National Recovery and Resilience Plan (NRPP) 1 scholarship granted by National Research Council of Italy - National Institute of Optics project “Integrated Infrastructure Initiative in Photonic and Quantum Sciences” I-PHOQS CUP B53C22001750006 Topic: <u>“Photonics for molecular sensing”</u> 1 scholarship granted by Enea Topic: <u>“Development of a hydrogasification process to convert solid bio-wastes using renewable energy”</u>		



PhD Course Integrated Biomedical Science and Bioethics - XXXIX Cycle A.Y. 2023-2024		Curricula: <ul style="list-style-type: none"> • Endocrinology; • Bioethics; • Osteo-oncological Diseases; • Science of Ageing and Tissue Regeneration; • Neurological Science.
PhD Course Coordinator: Prof. Raffaele Franco Antonelli Incalzi		
Duration: 3 years	Places: 7	Places supported by scholarships: 6 Number of places without a scholarship: 1
Date and place of the interview		<ul style="list-style-type: none"> • March 20, 2024 ore 09:30 am Apply remotely on the platform Microsoft Teams
Positions with a <u>specific research topics</u> scholarship granted by university funds, research project or other bodies <p>1 scholarship co-founded by NRPP project - PRIN: – Research projects of relevant national interest–call 2022 granted by NRPP topic: “Eeg connectivity as an innovative biomarker to improve QUALity of LIfe and The burden of disease in people with drug resistant epilepsY (EQUALITY)” PRIN2022 prot. P20225HWLZ CUP C53D23008450001, project “Epilepsy People inclusion Overcoming Workplaces European maRginalization” founded by Erasmus+ field Cooperation partnerships in adult education KA2 Cooperation Partnerships Agreement n. 2021-1-IT02-KA220-ADU-000028349 CUP C87C20000150006 and Università Campus Bio-Medico di Roma Topic: “<u>EEG connectivity as bio-marker of drug resistant epilepsy</u>”</p> <p>1 scholarship founded by Fondazione Roma on the topic project “Integrated Center for Research and Treatment on Alzheimer's Disease – Fondazione Roma” Topic: “<u>Diagnosis and treatment for Alzheimer Disease</u>”</p> <p>1 scholarship founded by Fondazione Roma on the topic project “Integrated Center for Research and Treatment on Alzheimer's Disease – Fondazione Roma” Topic: “<u>Neuroimaging in Alzheimer Disease</u>”</p> <p>1 scholarship founded by ANCE AIES Salerno and Università Campus Bio-Medico di Roma in memory of Vincenzo Russo, past President of ANCE AIES Salerno Topic: “<u>Innovative treatments for Amyotrophic Lateral Sclerosis</u>”</p> <p>1 scholarship founded by Campus Bio-Medico University Hospital Foundation and Università Campus Bio-Medico di Roma Topic: “<u>Diagnosis, monitoring and therapy management in Parkinson's Disease</u>”</p> <p><u>1 scholarship co-founded by PRIN: Research projects of relevant national interest – Call 2020 “Modulating synaptic neurotransmission to reactivate the immune reaction against brain tumors” Prot. 2020Z73J5A CUP C83C22000440001, topic CAL.HUB.RIA (CALabria HUB for Innovative and Advanced Research) T4-AN-09 granted by Italian Ministry of Health with grant on Operational Health Plan (FSC 2014-2020) with particular regard to the Areas n. 4 “biomedical, biotechnology e pharmaceutical.”, Action 4.1 “Creation of Life Sciences Hub” CUP C83C22000790001</u> Topic: “<u>Pre-clinical study of intramyocardial stem cell implantation on a swine animal model of myocardial infarction</u>”</p>		
Positions without scholarship on a <u>specific research topics</u> <p>1 position without scholarship Topic: “<u>EEG connectivity as bio-marker of drug resistant epilepsy</u>”</p>		

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