



UNIVERSITA'
CAMPUS
BIO-MEDICO
DI ROMA



RECTOR'S DECREE
Academic Year 2023/2024
No. 463 of 19/07/2024

PHD - 40TH CYCLE ACADEMIC YEAR 2024-2025 SUPPLEMENT AND AMENDMENTS OF RECTORAL DECREE NO 389 OF 12/06/2024

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. 389 of 12/06/2024, with which the PhD courses -40th cycle - were launched;
- Considering** that art. 9, paragraph 2, of the Rector's Decree n. 389 of 12/06/2024, 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 the 22nd July 2024.
- Considering approval of competent authorities, relating to the financing of additional PhD scholarships in Bioengineering, Applied Sciences and Intelligent Systems (Thematics scholarships);
- Considering** the opportunity of making such grants available for the PHD - 40TH CYCLE ACADEMIC YEAR 2024-2025;
- 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 (Thematics scholarships), 40th 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, July 19th, 2024

Chief Executive Officer and Director General
signed Dr. Andrea Rossi

The Rector
signed Prof. Eugenio Guglielmelli

Digitally signed document



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ANNEX A
R.D. no. 463 dated 19/07/2024

PhD Course Bioengineering, Applied Sciences and Intelligent Systems - XL Cycle A.Y. 2024-2025		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: 19	Places supported by scholarships: 15 Number of places without a scholarship: 4
Date and place of the interview		<ul style="list-style-type: none"> • July 25, 2024 ore 09:00 am Apply remotely on the platform Microsoft Teams



Positions with a specific research topics scholarship granted by university funds or other bodies

- n. 2 scholarships granted by the **Ministry of University and Research** on the topic “Science and Technologies for human health and wellbeing”;
- n. 1 scholarship granted by **National Cybersecurity Agency** on the topic “Development of Incident Response System solutions for Operational Technologies”;
- n. 1 scholarship granted by **INAIL - National Institute for Insurance against Accidents at Work** on the topic “Evaluation of the impact of cybersecurity events on workplace safety aspects”;
- n. 1 scholarship granted by **INAIL - National Institute for Insurance against Accidents at Work** on the topic “Wearable systems for the analysis of "collective intelligence" in occupational settings”;
- n. 1 scholarship cofounded 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, project “**Fit for Medical Robotics**” project identification number PNC0000007 CUP: B53C22006990001 and **Campus Bio-Medico University of Rome** on the topic “Human-Machine Interfaces for Personal Empathic Robot”;
- n. 1 scholarship cofounded by cascade funding calls on the project **Health Extended Alliance for Innovative Therapies, Advanced Lab research**, and Integrated Approaches of Precision Medicine (HEAL ITALIA identificata con codice PE00000019)” NRPP funds on the project **Bistoury**” CUP: J33C22002920006 and **Campus Bio-Medico University of Rome** on the topic “Robotic systems and haptic interfaces for minimally invasive robotic surgery”.
- n. 1 scholarship granted by **Fondazione Med'OR** on the topic “Biomedical Engineering for Global Health”
- n. 1 scholarship granted by **Cook Children's Medical Center** on the topic “Development of Biomarkers of Epilepsy from Invasive and Non-invasive Recordings”
- n. 1 scholarship founded by the project “Empowering Africa's Point of Care with Cutting-edge Graphene Biosensing for Rapid Detection and Interconnected Surveillance of Novel Ebola Virus Outbreaks” project number and acronym: 101145795 – EpoCA, funded by the Global Health EDCTP3 Joint Undertaking under the powers delegated by the European Commission, CUP C83C23001160006 on the topic “Biomedical Engineering for global health: : Ebola PoC”
- n. 1 scholarship cofounded by the project “**CASSATA** -Covert and Advanced multi-modal Sensor Systems for tArget acquisiTion and reconnAissance" Call EDF-2022-RA GA: 101121447 CUP C83C23001040006 and by CNR INO within the framework of the PNRR project ‘I-PHOQS - Integrated Infrastructure Initiative in Photonic and Quantum Sciences’, Identification Code IR0000016, CUP B53C22001750006, activity 3.7 ‘Miniaturized Frequency-comb sources’.” on the topic “Multi-sensor device systems and networks for sustainable applications in the biomedical and environmental fields”
- n. 1 scholarship founded by **Università Campus Bio-Medico di Roma** on the topic “Metrological assessment and performance evaluation of motion capture system in clinical settings”
- n. 1 scholarship founded by **Intesa Sanpaolo S.p.A.** on the topic “Artificial Intelligence, wearable and IoT for monitoring glicemia via ECG”



Positions with a specific research topics scholarship granted by the National Recovery and Resilience Plan (NRPP) funds – 629/2024 Public Administration CUP C87G24000440009:

n. 1 scholarship cofounded by **Campus Bio-Medico University of Rome** on the topic “Fiber optic-based systems for monitoring physiological parameters”.

Positions with a specific research topics scholarship granted by the National Recovery and Resilience Plan (NRPP) funds – 630/2024 CUP C87G24000450009:

n. 1 scholarship cofounded by **Fondazione Neurone ONLUS** on the topic “Treadmill-based gait with virtual reality for the rehabilitation of subjects with central nervous system lesions”.

Positions without scholarship on a specific research topics

n. 3 positions without scholarship founded by **Campus Bio-Medico University of Rome** on the topic “Science and Technologies for human health and wellbeing”;

n. 1 position without scholarship founded by the project TF2309-116653 - "**PACY - Pro-Active CYbersecurity**" on the topic “Science and Technologies for human health and wellbeing”.

PhD Course Sustainable Development: Environment, Food and Health - XL Cycle A.Y. 2024-2025		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: 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"> • July 29, 2024 ore 09:00 am Apply remotely on the platform Microsoft Teams
Positions with scholarship granted by university funds or other bodies		
n. 2 scholarships granted by the Ministry of University and Research .		
Positions with a <u>specific research topics</u> scholarship granted by university funds or other bodies:		
n. 1 scholarship granted by Italian National Institute of Health on the topic “ <u>Responsible consumption and production in the chemical and food supply chain</u> ”;		
n. 1 scholarship granted by Italian National Institute of Health on the topic “ <u>Health Emergencies and Exposure to Chemicals and Food</u> ”.		



Positions with a specific research topics scholarship granted by the National Recovery and Resilience Plan (NRPP) funds - as per Min. Decree n. 630/2024 CUP C87G24000460009:

- n. 1 scholarship cofounded by **Aurora 2010** on the topic “Innovative technological approach to carbon dioxide capture processes”;
- n. 1 scholarship cofounded by **COT - Cure Ortopediche Traumatologiche Spa** on the topic “Evaluation of the biological activity of molecules with nutraceutical potential aiming to the formulation of innovative products for human health”.



PhD Course Integrated Biomedical Science and Bioethics - XL Cycle A.Y. 2024-2025		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: 9	Places supported by scholarships: 7 Number of places without a scholarship: 2
Date and place of the interview		<ul style="list-style-type: none"> • July 26, 2024 ore 08:15 am Apply remotely on the platform Microsoft Teams
Positions with scholarship granted by university funds or other bodies		
n. 2 scholarships granted by the Ministry of University and Research		
n. 1 scholarship granted by the Ministry of University and Research and Università Campus Bio-Medico di Roma		
1 scholarship founded by Fondazione Policlinico Universitario Campus Bio-Medico on the project - BRIC INAIL 2022 - Call for Collaborative Research Projects (BRIC 2022) TOPIC ID 30 'ActiveAgeIT: Active and healthy ageing at work: an analysis of the current situation and of barriers and facilitators in the Italian labour force' - Id n. 30 / 2022 - CUP: E83C22006750005 and on the project n. 101137315 — 'ENgineered CARtilage from Nose for the Treatment of Osteoarthritis ENCANTO ' — HORIZON-HLTH-2023-TOOL-05 'ENgineered CARtilage from Nose for the Treatment of Osteoarthritis (ENCANTO)' CUP F83C23003380006.		
Positions with a <u>specific research topics</u> scholarship granted by university funds or other bodies		
n. 1 scholarship granted by Campus Bio-Medico University of Rome on the topic " <u>Pre-clinical study of intramyocardial stem cell implantation on a swine animal model of myocardial infarction</u> "		
Positions with a <u>specific research topics</u> scholarship granted by the National Recovery and Resilience Plan (NRPP) funds - as per Min. Decree n. 629/2024 – Research NRPP CUP C87G24000470009:		
n. 1 scholarship cofoundend by Campus Bio-Medico University of Rome on the topic " <u>Precision medicine in MASLD-related HCC: Deciphering the key Epigenetic and Epitranscriptomic Drivers and Implications for Innovative Therapeutic Interventions (ELICA)</u> "		
Positions with a <u>specific research topics</u> scholarship granted by the National Recovery and Resilience Plan (NRPP) funds - as per Min. Decree n. 630/2024 CUP C87G24000520009:		
n. 1 scholarship cofoundend by BPCO Media S.r.l. on the topic " <u>AI based early diagnosis and prevention of asthma exacerbations</u> "		

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