



UNIVERSITÀ
CAMPUS
BIO-MEDICO
DI ROMA



RECTOR'S DECREE
Academic Year 2022-2023
No 70 of 08/02/2023

PHD - 38TH CYCLE ACADEMIC YEAR 2022-2023
SUPPLEMENT AND AMENDMENTS OF RECTORAL DECREE NO 498 OF 23/12/2022

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. 498 of 23/12/2022, with which the PhD courses -38th cycle - were launched;
- Considering** that art. 9, paragraph 2, of the Rector's Decree n. 498 of December 23rd, 2022, provides that the number of scholarship seats available may be increased if funding is available from other universities, public or private institutions, provided that their publication occurs within 9th February 2023;
- Considering** Notice of the Italian Ministry of University and Research No. 3277 of 30/12/2021, entitled "Public notice for the presentation of project proposals for the creation and strengthening of innovation ecosystems, of territorial R&D leaders, and of innovation ecosystems", to be financed under National Recovery and Resilience Plan (PNRR), Mission 4, Education and Research, Component 2, "From Research to Business", Investment 1.5, by the European Union – NextGenerationEU fund;
- Considering** Italian Ministry of University and Research Decree for Access to Funding No. 1051 of 23/06/2022, concerning funding for the Rome Technopole Innovation Ecosystem, and intervention area "4.Digital, Industry, Aerospace", with Project Identifier No. ECS00000024, for the realization of the Research Programme entitled "Rome Technopole", under Unique Project Code (CUP) C83C22000510001;
- Considering** Notice of the Italian Ministry of University and Research No. 931 of 06/06/2022, entitled "Notice for the granting of funding for research initiatives for innovative technologies and pathways in the health and welfare sector", in implementation of Article 1, Paragraph 2, Letter i) of Italian Law Decree No. 59 of 6/05/2021, as amended by Italian Law No. 101 of 1/07/2021, approving the National Plan for Complementary Investments to the National Recovery and Resilience Plan;
- Considering** Italian Ministry of University and Research Decree for Access to Funding No. 1984 of 19/12/2022, concerning funding for the initiative "Fit for Medical Robotics" that goes by the acronym "Fit4MedRob", and has the Project Identifier No. PNC0000007, and the Unique Project Code (CUP) B53C22006990001;
- Considering** approval of competent authorities, relating to the financing of no. 7 additional PhD scholarships, of which n. 4 for PhD Course in Bioengineering, Applied Sciences and Intelligent Systems, n. 2 for PhD Course in Sustainable Development: Environment, Food and Health and n. 1 for PhD Course in Integrated Biomedical Science and Bioethics;
- Considering** the opportunity of making such grants available for the PHD - 38TH CYCLE ACADEMIC YEAR 2022-2023;
- Considering** the need to integrate the call for bids;



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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, in Sustainable Development: Environment, Food and Health and in Integrated Biomedical Science and Bioethics, 38th 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/info/application-for-admission/call-for-applications-phd-38th-cycle-bis>.

Rome, February 8th 2023

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. 70 dated 08/02/2023

PhD Course Bioengineering, Applied Sciences and Intelligent Systems - XXXVIII Cycle A.Y. 2022-2023		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: 10	Places supported by scholarships: 8 Number of places without a scholarship: 2
Date and place of the interview		<ul style="list-style-type: none"> • 20 February 2023 at 12:00 (CET) Apply remotely on the platform Microsoft Teams
Places with a thematic scholarships funded by other bodies funds		
<p>1 scholarship funded by INAIL on the theme “Robotic systems for risk prevention in occupational scenarios”.</p> <p>1 scholarship co-funded on the theme “Detection and analysis of autonomic activity in the interaction with biorobotic platforms for rehabilitation, using allied digital technologies” as reported below:</p> <ul style="list-style-type: none"> - funds PNRR project “Fit for Medical Robotics”, that goes by the acronym “Fit4MedRob”, project code PNC0000007, CUP B53C22006990001; - funds European project “Leveraging AI based technology to transform the future of health care delivery in Leading Hospitals in Europe” — “ODIN”, Grant Agreement number: 101017331, CUP C85F21000670006; - funds project “Development of an innovative, multidisciplinary and integrated approach for workers suffering from degenerative pathologies atof the lumbar spine based on advanced technologies, capacity building and feasibility analysis for the creation of a reference center for prevention, diagnosis, treatment and reintegration into work (SPINE 4.0)", funded by INAIL under the Collaborative Research Call (BRIC 2021) Research Activity Plan 2019-2021 Agreement for the realization of the project referred to in topic id 4 "Development of an innovative and integrated model for , diagnosis, treatment, reintegration into work and promotion of the work ability of chronic degenerative diseases of the spine with particular regard to the use of new generation therapies”, CUP C85F21001020001; <p>1 scholarship co-funded on the theme “Next generation components for biomedical robotics” as reported below:</p> <ul style="list-style-type: none"> - funds PNRR “Fit for Medical Robotics”, that goes by the acronym “Fit4MedRob”, project code PNC0000007, CUP B53C22006990001; - funds Università Campus Bio-Medico di Roma; <p>1 scholarship co-funded on the theme “Biomechanical analysis of the musculoskeletal system” as reported below:</p> <ul style="list-style-type: none"> - Università Campus Bio-Medico di Roma; - project MUR – PRIN 2017 – Research project of national interest – Bando 2017, project code 2017SZ5WZB; - project MUR – PRIN 2020 – Research project of national interest – Bando 2020, project code 2020HCWWLP. 		



Places with a thematic scholarships funded under the National Recovery and Resilience Plan (PNRR) funds on the project Italy - European Brain ReseArch InfrastructureS-Italy EBRAINS

1 scholarship funded by CNR- INO on the theme “Measurements on the activity of the central nervous system in social contexts” to LENS in Sesto Fiorentino (FI) CUP B51E22000150006;

1 scholarship funded by CNR- DSFTM on the theme “Computational multiscale models of neuronal networks and brain dynamics for in-silico simulations” CUP B51E22000150006.

Places with a thematic scholarships funded under the National Recovery and Resilience Plan (PNRR) funds on the project “Integrated Infrastructure Initiative in Photonic and Quantum Sciences” I-PHOQS

1 scholarship by CNR- INO on the theme “Photonics for molecular sensing” CUP B53C22001750006.

Places with a thematic scholarships funded under the National Recovery and Resilience Plan (PNRR) funds on the project “Innovation Ecosystems” - Rome Technopole;

1 scholarship on the theme “Microfabrication and microfluidics for the development of lab-on-a-chip and organ-on-a-chip platforms” CUP C83C22000510001.

PhD Course Sustanaible Development: Environment, Food and Health - XXXVIII Cycle A.Y. 2022-2023	Curricula: <ul style="list-style-type: none"> • Engineering for Sustainable Development and Environmental Protection; • Health, Nutrition and Ageing; • Food Science and Environmental Sustainability.
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PhD Course Coordinator: Prof.ssa Chiara Fanali

Duration: 3 years	Places: 5	Places supported by scholarships: 4 Number of places without a scholarship: 1
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Date and place of the interview	<ul style="list-style-type: none"> • 22 February 2023 at 10.00 (CET) Apply remotely on the platform Microsoft Teams
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Places with a thematic scholarships funded under the National Recovery and Resilience Plan (PNRR) funds on the project “National Center for technology in Agriculture (Agritech)”

1 scholarship Spoke 1 Plant and animal genetic resources and adaptation to climatic changes - Linking phenotype and genotype CUP C83C22000520001.

Places with a thematic scholarships funded under PNC funds on the project “Mediterranean Sea’s fishery product: impact of toxic and persistent environmental contaminants of primary interest. Consequences on human health and nutrition. (CAP-fish)”

1 scholarship on the theme “Mediterranean Sea’s fishery product: impact of toxic and persistent environmental contaminants of primary interest. Consequences on human health and nutrition. (CAP-fish)” CUP C85I22004240001.

Places with a thematic scholarships funded under the National Recovery and Resilience Plan (PNRR) funds on the project “Innovation Ecosystems” - Rome Technopole

1 scholarship on the theme “Design, screening in organ-on-chip device and optimization of in batch and in the continuous in-flow synthesis of smart-engineered biomaterials and nanomaterials for the encapsulation and controlled release of bio-active molecules for biopharmaceutical /nutraceutical products.” CUP C83C22000510001;

1 scholarship on the theme “Development of biopharma solutions” CUP C83C22000510001.



PhD Course Integrated Biomedical Science and Bioethics - XXXVIII Cycle A.Y. 2022-2023		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: 4	Places supported by scholarships: 3 Number of places without a scholarship: 1
Date and place of the interview	<ul style="list-style-type: none">• 22 February 2023 at 10.00 (CET) Apply remotely on the platform Microsoft Teams	
Places with a scholarship funded by university funds or other bodies 2 post-graduate scholarships funded by the Ministry of Education, University and Research; 1 Università Campus Bio-Medico di Roma and Fondazione Policlinico Universitario Campus Bio-Medico		

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