UNIVERSITÀ CAMPUS BIO-MEDICO DI ROMA

Finanziato dall'Unione europea NextGenerationEU

MUR

Italiadomani
PIANO NAZIONALE DI RIPRESA E RESILIENZA

ANNEX A
R.D. no. 04 dated 08/01/2024

PhD Course Bioengineering, Applied Sciences and Intelligent Systems - XXXIX Cycle A.Y. 2023-2024	**Curricula:** • Bioengineering and Robotics; • Biosciences and Applied Physics; • Intelligent Systems and Digital Technologies.
PhD Course Coordinator: Prof. Loredana Zollo	
Duration: 3 years | **Places:** 5	**Places supported by scholarships:** 5
Date and place of the interview	• March 5, 2024 ore 10:00 am Apply remotely on the platform **Microsoft Teams**

Positions with a specific research topics 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: "Computational study of RNA structures and of their structure-function relationship**"**

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: "Human-machine interfaces for Personal Empathic Robot**"**

1 Scholarship granted by **National Institute for Insurance against Accidents at Work** (**INAIL)** on the project PR23-PAS-P3 3Daid++ "Protesi di mano e ausili robotici esoscheletrici a basso costo per bambini e adulti" CUP: E57G23000220005
Topic: "Actuation modules for hand prostheses and orthoses"

1 Scholarship founded by **Università Campus Bio-Medico di Roma**
Topic: "Theories, educational methods and empirical research for the study and the promotion of human flourishing**"**

1 Scholarship founded by **Cook Children's Medical Center***
Topic: "Development of Biomarkers of Epilepsy from Invasive and Non-invasive Recordings"

* The scholarship funded by third parties are subject to the successful completion of the financing (Art. 9 Paragraph 6)

PhD Course Sustainable Development: Environment, Food and Health - XXXIX Cycle A.Y. 2023-2024	**Curricula:** • 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	• March 5, 2024 ore 10:30 am Apply remotely on the platform **Microsoft Teams**

Positions with a specific research topics 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 reagard 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: "Function of role of the dopaminergic circuits in early phase of Alzheimer's disease"

1 scholarship granted by **Italian National Institute of Health**
Topic: "Socio-economic analysis and impact of the new regulatory system on the chemical products supply chain at European level"

1 scholarship granted by **Italian National Institute of Health**
Topic: "The impact of sanitization processes on National Health Service facilities"

Positions with a specific research topics 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: "Photonics for molecular sensing"

1 scholarship granted by **Enea**
Topic: "Development of a hydrogasification process to convert solid bio-wastes using renewable energy"

<table>
<tr><td colspan="2">PhD Course
Integrated Biomedical Science and Bioethics - XXXIX Cycle A.Y. 2023-2024</td><td>Curricula:
• Endocrinology;
• Bioethics;
• Osteo-oncological Diseases;
• Science of Ageing and Tissue Regeneration;
• Neurological Science.</td></tr>
<tr><td colspan="3">PhD Course Coordinator: Prof. Raffaele Franco Antonelli Incalzi</td></tr>
<tr><td>Duration: 3 years</td><td>Places: 4</td><td>Places supported by scholarships: 4</td></tr>
<tr><td colspan="2">Date and place of the interview</td><td>• March 6, 2024 ore 08:30 am
Apply remotely on the platform Microsoft Teams</td></tr>
<tr><td colspan="3">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 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
<u>Topic:</u> <u>“EEG connectivity as bio-marker of drug resistant epilepsy”</u>

1 scholarship founded by Fondazione Roma on the topic project “Integrated Center for Research and Treatment on Alzheimer's Disease – Fondazione Roma”
<u>Topic:</u> <u>“Diagnosis and treatment for Alzheimer Disease”</u>

1 scholarship founded by Fondazione Roma on the topic project “Integrated Center for Research and Treatment on Alzheimer's Disease – Fondazione Roma”
<u>Topic:</u> <u>“Neuroimaging in Alzheimer Disease”</u>

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*
<u>Topic:</u> <u>“Innovative treatments for Amyotrophic Lateral Sclerosis”</u></td></tr>
</table>

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