



UNIVERSITA'
CAMPUS
BIO-MEDICO
DI ROMA

DECRETO DEL RETTORE

Anno Accademico 2022/2023

N. 71 del 08/02/2023

PHD-AI.IT NATIONAL DOCTORATE IN ARTIFICIAL INTELLIGENCE (HEALTH & LIFE SCIENCES) 38TH CYCLE

ACADEMIC YEAR 2022-2023

SUPPLEMENT AND AMENDMENTS OF RECTORAL DECREE NO 499 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. 499 of 23/12/2022, with which the PhD-Ai.IT National Doctorate in Artificial Intelligence (Health and Life Science) - 38th cycle - was launched;
- Considering** that art. 9, paragraph 4, of the Rector's Decree n. 499 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 publications occurs within 9th February 2023;
- Considering** approval of competent authorities, relating to the financing of no. 2 additional National PhD scholarships in Artificial Intelligence (Health and Life Sciences);
- Considering** the opportunity of making such grants available for the PhD-Ai.IT National Doctorate in Artificial Intelligence (Health and Life Science) – 38th cycle, Academic Year 2022-2023;
- 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 National PhD course in Artificial Intelligence (Health and Life Sciences), 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.



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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-ai-it-health-and-life-science-38th-cycle-bis>.

Rome, February 8th 2023

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. 71 dated 08/02/2023

**PHD-AI.IT NATIONAL DOCTORATE IN ARTIFICIAL INTELLIGENCE
(HEALTH & LIFE SCIENCES) 38TH CYCLE**

PhD Course Coordinator: Prof. Eugenio Guglielmelli

Duration: 3 years

Positions supported by scholarships: 19

Data e luogo del colloquio	<ul style="list-style-type: none"> • 22 February 2023 at 09:00 (CET) (A-L) • 23 February 2023 at 09:00 (CET) (M-Z) <p>Apply remotely on the platform Microsoft Teams</p>
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Positions with scholarship supported by the University and other Institutions	Topic	Location of the activities
3 co-supported by Università Campus Bio-Medico di Roma by CNR on FOE funds	Artificial Intelligence – Health and Life sciences	Rome
4 co-supported by SISSA Scuola Internazionale Superiore di Studi Avanzati and by Università di Pisa on FFO funds	Artificial Intelligence – Health and Life sciences	Trieste and related offices
1 co-supported by CNR on ISOF funds and by CNR on FOE funds	Development and application of Deep Learning algorithms for the characterisation and functionalisation of complex biosensor arrays	Bologna
1 co-supported by CNR on ISTC funds and by CNR on FOE funds	Study of systems based on migratable Artificial Intelligence that adapt content and form according to the user's affective-cognitive state and different socio-technical contexts of assistance	Rome
1 co-supported by CNR on INO funds and by CNR on FOE funds	AI-enhanced diamond-based quantum biosensing	Firenze
1 co-supported by CNR on ISPC funds and by CNR on FOE funds	BCI for interactive applications targeting Heritage	Rome



1 co-supported by CNR on IBIOM funds and by CNR on FOE funds	Development of predictive models (based on machine learning and deep learning) to integrate omics data to identify biomarkers for human diseases following precision medicine canons	Bari
1 co-supported by LUISS Guido Carli and by CNR on FOE funds	Algorithms of machine learning	Rome
1 co-supported by Università degli Studi del Molise and by CNR on FOE funds	Artificial Intelligence – Health and Life sciences	Campobasso and related offices
1 supported by CNR on ICAR funds	Innovative AI-based computational models for the design and/or identification of non-coding RNA molecules as new generation personalized therapeutic agents	Naples
1 supported by Università degli Studi della Campania “Luigi Vanvitelli”	Cloud-Edge Intelligence	Caserta and related offices
1 supported by Università degli Studi "G. D'Annunzio" Chieti - Pescara	Machine learning material identification for finite element bio mechanical analysis of soft tissues	Chieti – Pescara
1 supported by Università degli studi di Catania	Federated Explainable Learning Models for Medical Image Analysis	Catania
1 co-supported by SISSA Scuola Internazionale Superiore di Studi Avanzati and by Università di Pisa on FFO funds	Development and interpretability of artificial intelligence algorithms for medical imaging and brain cognitive processes	Trieste and related offices

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