



UNIVERSITA'
CAMPUS
BIO-MEDICO
DI ROMA

ANNEX A
R.D. no. 499 dated 23/12/2022

**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: 17

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

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