UNIVERSITÀ CAMPUS BIO-MEDICO DI ROMA

DECRETO DEL RETTORE
Anno Accademico 2025/2026

Call for applications for the award of No. 1 post-doc research contract pursuant to Article 22-bis of Law No. 240/2010, Scientific Disciplinary Group 05/BIOS-06 - Physiology, Scientific Disciplinary Sector BIOS-06/A - Physiology, at the Research Unit in Neurophysiology and Neuroengineering of Human–Technology Interaction Lab (NeXT Lab) and the Departmental Faculty of Medicine, Surgery and Dentistry of Università Campus Bio-Medico of Rome (competition code: IPD/03_26).

THE RECTOR

Having regard to the Statute of Università Campus Bio-Medico di Roma;

Having regard to the Code of Ethics and Charter of Purpose of Università Campus Bio-Medico di Roma;

Having regard to Law No. 240 of 30 December 2010, concerning the organization of universities, academic personnel and recruitment procedures, as well as the delegation to the Government to promote the quality and efficiency of the university system, and in particular Article 22-bis;

Having regard to Rectoral Decree No. 61 of 24 February 2026, issuing the Regulation governing the awarding of research contracts, post-doctoral appointments and research appointments pursuant to Articles 22, 22-bis and 22-ter of Law No. 240/2010

Having regard to Law No. 241 of 7 August 1990, as amended, concerning administrative procedures and the right of access to administrative documents

Having regard to Presidential Decree No. 445 of 28 December 2000, containing the Consolidated Act on administrative documentation

Having regard to Legislative Decree No. 196/2003, as amended, and Legislative Decree No. 51 of 18 May 2018, implementing Directive (EU) 2016/680 on the protection of individuals with regard to the processing of personal data

Having regard to the financial coverage guaranteed by the funds from the Departmental Faculty of Medicine, Surgery and Dentistry;

Having regard to Ministerial Decree No. 639 of 2 May 2024, determining the Scientific Disciplinary Groups and their related descriptions, as well as the rationalization and updating of the Scientific Disciplinary Sectors

Having regard to the project entitled "Design and development of experimental platforms and sensory feedback systems for the study of embodiment of artificial limbs" with Prof. Giovanni Di Pino as the Principal Investigator;

Having regard to the resolution of the Academic Senate dated September 8, 2026.

Considering it necessary to issue the present call for applications for the award of No. 1 fixed-term contract, denominated "post-doctoral appointment", for research activities as well as collaboration in teaching and third mission activities, financed by internal funds;

HEREBY DECREES

Article 1
(Type of Selection Procedure)

1. A public selection procedure, based on qualifications and interview, is hereby announced for the award of No. 1 fixed-term contract denominated "post-doctoral appointment", with a duration of 12 months, for the performance of research activities as well as collaboration in teaching and third mission activities, funded either through internal funds at the Research Unit of Neurophysiology and Neuroengineering of Human–Technology Interaction Lab (NeXT Lab) and the Departmental Faculty of Medicine, Surgery and Dentistry of University Campus Bio-Medico of Rome.
2. **Annex A**, which forms an integral part of this call, specifies: the Scientific Disciplinary Group, the Scientific Disciplinary Sectors, the candidate profile, the duration of the appointment, the research program associated with the appointment, teaching and third mission activities to which the post-doctoral appointee will contribute, the Research Coordinator, the Departmental Faculty/Research Unit, the place where activities will be carried out, the maximum number of publications, the date, time and modality of the interview, the foreign language required.

Article 2
(Admission Requirements and grounds for exclusion)

1. Applications may be submitted by Italian or foreign candidates who, by the application deadline, hold one of the following qualification:
   - PhD degree in **Biomedical Engineering or the fields of medicine and biomedicine** or related fields, or an equivalent qualification obtained abroad.
2. For degrees obtained abroad, the Selection Committee will assess equivalence solely for the purposes of the present procedure.
3. Specific eligibility requirements for post-doctoral appointments related to national or international research programs shall comply with the relevant regulations governing those programs.
4. The following individuals are not eligible to apply:
   a) permanent staff members of universities, public research institutions, or institutions whose advanced scientific diploma is recognized as equivalent to a PhD;
   b) individuals who have already held fixed-term researcher contracts (RTT) under Article 24 of Law 240/2010 following the reform introduced by Law No. 79/2022;
   c) individuals who have kinship or affinity up to the fourth degree with a professor belonging to the Departmental Faculty Board or Research Unit proposing the contract, or with the Rector, the CEO and Director General, or a member of the Academic Senate or Board of Directors.
5. Exclusion from the selection procedure may be ordered at any time by a reasoned decree of the Rector and notified to the applicant.

Article 3
(Application Procedures and Deadline)

1. Applications, including qualifications, documents and publications deemed relevant for the selection, **must be submitted exclusively online, under penalty of exclusion**, through the dedicated electronic application system available on the Calls/Competitions section of the University website. In order to access the system, applicants must first complete a self-registration procedure, which

requires a valid email address. Applicants must fill in all the required fields in the online form and upload, in electronic format, the documents required by this call.
Applications or supporting documents submitted through any other means will not be accepted.

2. The system allows applicants to save their application as a draft until the submission deadline. The date and time of submission will be certified by the online system, which will automatically generate and send a confirmation receipt to the applicant via email. After the submission deadline, the system will no longer allow access to the application form or submission of applications.
3. Each application will receive an identification number, which must be referenced in all subsequent communications.
4. Applications must be completed **no later than 12:00 p.m. on the fifteenth day** following the publication of this call on the websites of the University, the Ministry of University and Research, and the European Union.
   If the deadline falls on a public holiday, it will be automatically extended to the next working day.
   The application form must be completed in all its sections in accordance with the instructions provided in the online system and must include, in particular:
   a) **full personal details** (first and last name, place and date of birth, tax identification number, residence address, and the address chosen for communications relating to this procedure), including postal code, telephone number, and the email address to which any communications should be sent;
   b) **citizenship**;
   c) declaration confirming possession of the academic qualification required under Article 2 of this call;
   d) **valid identification document**;
   e) **scientific and professional curriculum vitae, suitable for the research activities covered by the contract, dated** and signed and uploaded in **PDF** format;
   f) any additional qualifications or titles considered relevant;
   g) **list of publications** considered relevant for the purposes of the selection procedure, to be uploaded in **PDF** format;
   h) publications considered relevant for evaluation, which must be uploaded and submitted in **PDF** format (maximum size: **30 MB** per publication) exclusively through the relevant section of the online application system and in full-text format only;
   i) declaration indicating the applicant's level of proficiency in the **English** language.
5. Applicants must also declare:
   a) they have not been convicted of any criminal offence;
   b) they enjoy full political and civil rights;
   c) they do not have any kinship or affinity relationship up to the fourth degree, inclusive, with a professor belonging to the Department/Research Unit that proposed the activation of the contract, nor with the Rector, the Chief Executive Officer and General Director, or any member of the Academic Senate or the Board of Directors;
   d) they are not permanent staff members of universities, public research institutions, or institutions whose advanced scientific training diploma has been recognized as equivalent to a PhD pursuant to Article 74, paragraph 4, of Presidential Decree No. 382 of 11 July 1980;
   e) they have not previously held a fixed-term researcher position pursuant to Article 24 of Law No. 240/2010, as amended following the entry into force of Decree-Law No. 36 of 30 April 2022, converted with amendments by Law No. 79 of 29 June 2022 (Reasercher in Tenure Track).

6. The same procedures applicable to Italian citizens also apply to citizens of European Union Member States.
   For the use of substitute declarations by non-EU citizens, please refer to Article 4.
7. The application submission must be finalized and completed according to one of the following procedures:
   - **Digital signature**: applicants may sign the application using a digital signature (e.g., smart card, USB token, or remote digital signature), which allows the holder to sign electronic documents using dedicated signing software on a computer or a web portal provided by the certification authority. Applicants who possess a smart card or USB digital signature token may verify its compatibility with the digital signature system integrated into the server. If compatible, the application may be signed directly on the server.
   - **External digital signature**: applicants who do not have compatible digital signature devices, as well as holders of remote digital signatures who must use an external signing portal, must download the **PDF file generated by the system** to their computer and, **without making any modifications**, sign it digitally in **CAdES format**. This will generate a file with the extension **.p7m**, which must then be uploaded again to the system. Any modification to the file before the digital signature is applied will prevent automatic verification of the document's integrity and correspondence with the original and will result in **exclusion from the procedure**.
   - **Handwritten signature (if digital signature is not available)**: if it is not possible to use one of the above options, the applicant must download the **PDF file generated by the system**, print it without making any changes, and sign it **by hand** on the last page, initialing all preceding pages. The signed document must then be **scanned in PDF format** and the resulting file uploaded to the system.

Article 4
(Non-EU Citizens – Substitute Declarations)

1. Citizens of non–European Union countries who are legally residing in Italy may make use of the substitute declarations provided for by Presidential Decree No. 445 of 28 December 2000, limited to personal status, qualifications and facts that can be certified or attested by Italian public authorities, without prejudice to the specific provisions laid down in laws and regulations governing immigration and the legal status of foreign nationals**.**
2. In cases other than those referred to above, citizens of non–European Union countries who are authorized to reside in Italy may use the aforementioned substitute declarations where this is permitted under international agreements between Italy and the applicant's country of origin**.**

Article 5
(Appointment of the Selection Committee)

1. The Selection Committee shall be appointed by Rector's Decree, upon proposal of the Scientific Supervisor.
2. The Selection Committee shall consist of at least three members, with due regard, where possible, to gender balance. Members shall be selected from among professors and researchers with proven research experience in the topics covered by this call, including at least one member belonging to the Scientific Disciplinary Group/Scientific Disciplinary Sector specified in the call.
3. One member of the Committee may also be selected from among external experts, Italian or international, including non-academic experts, with recognized expertise in fields falling within the Scientific Disciplinary Group/Scientific Disciplinary Sector indicated in the call.

Art. 6
(Evaluation of qualifications, interview and establishment of the ranking list)

1. The selection procedure is based on a comparative evaluation of candidates and aims to assess whether applicants possess a scientific and professional curriculum suitable for carrying out the research activities covered by the position.
2. The evaluation will be complemented by a public interview, intended to assess the candidates' aptitude and suitability for performing the activities envisaged under the position. The interview may be conducted partly or entirely in English.
3. During its first meeting, the Selection Committee will establish the evaluation criteria and procedures to be applied in assessing the candidates.
4. The Committee therefore communicates the criteria and scores adopted, expressed out of one hundred, to the Officer in charge of the procedure referred to in Article 14 of this call, who then proceeds to publish them on the University's website.
5. The Committee may make use of telematic tools for collegial work and may hold its meetings remotely. The procedures adopted must be recorded in the minutes. The public interview, intended to assess the candidates' aptitude for research, may also be conducted remotely via the Microsoft Teams platform, in accordance with the provisions of the call, and will take place according to the schedule indicated in Annex A to this call, which shall constitute official notification for all legal purposes without any further formalities.
6. Candidates must be present on the date and at the time scheduled for the interview. For identification purposes, and under penalty of exclusion, each candidate must identify themselves before the start of the interview by presenting a valid identity document.
   If the interview is conducted remotely via the Microsoft Teams platform, failure to connect, inability to contact the candidate, or failure to present a valid identity document will result in exclusion from the selection procedure.
7. Candidates will be comparatively evaluated on the basis of the following criteria:
   a) relevance and consistency of the educational background with the research programme related to the position;
   b) relevance of previous research activities and any professional experience in relation to the activities covered by the position;
   c) relevance of the submitted publications to the research activities of the position;
   d) interview, aimed at assessing the candidate's suitability to carry out the activities covered by the contract and their ability to successfully implement them, as well as evaluating their knowledge of English and/or other languages relevant to the research.
8. After appropriate evaluation and on the basis of the established criteria, the Committee proceeds collegially to express, for each individual evaluation criterion, a reasoned assessment and to assign the corresponding score.
9. The Committee draws up a ranking list and, taking into account the scores obtained by the candidates, identifies the winner of the selection. The selection is deemed to have been passed if a minimum score of 70 out of 100 is achieved.
10. In the event of a tie, preference shall be given to the younger candidate. In the event of equal scores, preference will be given to the younger candidate.
11. The results of the selection will be available on the University's website at the following link: https://www.unicampus.it/ateneo/concorsi/incarichi-post-doc/and shall constitute official notification for all legal purposes to the interested parties.

Article 7
(Approval of the Selection Results)

1. The Rector, by means of a formal decree and after verifying the formal regularity of the selection procedure, shall approve the final ranking list within 30 days from the submission of the Committee's minutes to the Competitive Procedures Office – Human Resources Directorate.
2. The Decree approving the selection results will be published on the University website, within the timeframes and according to the procedures established in this call, in compliance with the principles of transparency and personal data protection.
3. The ranking list will remain valid for 180 days from the date of publication of the decree approving the results.
4. Within 90 days from the approval of the results, and in relation to the same research project, additional postdoctoral contracts may be awarded to candidates placed on the ranking list, provided that adequate financial resources are available.
5. The awarding of these additional postdoctoral positions shall take place upon request of the Research Project Coordinator, processed by the Doctoral Programmes, Research Grants, Technologists and Postgraduate Fellowships Office, and in accordance with the procedure set out in Article 16(4) of the present Regulation.

Art. 8
(Appointment, termination, and expiration of the contract)

1. The Academic Staff Management Office – Human Resources Directorate, at the time of signing the fixed-term employment contract, shall request the candidate to provide all documentation required under current legislation.
2. The contract shall specify:
   a) the start and end dates of the employment period;
   b) the place of work;
   c) the Scientific Disciplinary Sector(s) and Scientific Disciplinary Group associated with the research activities, as well as any collaboration in teaching or third mission activities;
   d) the total remuneration;
   e) the procedures for submitting an annual and end-of-contract report to the Human Resources Directorate or the relevant Departmental/Faculty Board, detailing the research activities performed;
   f) the grounds for termination of the contract and the required notice periods;
   g) the conditions for withdrawal, in accordance with applicable law;
   h) provisions regarding intellectual property, data protection, and related confidentiality obligations;
   i) a commitment to comply with the Ethical Code and the University Charter of Objectives.
3. The contract shall be signed by the postdoctoral researcher and the Chief Executive Officer and General Director.
4. In case of resignation, failure to commence duties, or forfeiture by the successful candidate within 90 days of the approval of the results, the ranking list may be applied to appoint the next eligible candidate.
5. Any additional months beyond the originally approved contract (i.e., uncovered months previously allocated to a resigning or forfeiting postdoctoral researcher) must be financially covered by the Research Project Coordinator, verified by the Research Office, and approved by the Human Resources Directorate.

6. Failure to sign the contract within the established deadlines will be considered resignation from the position.
7. The probation period shall last 48 actual working days. Any negative evaluation during this period is the responsibility of the Scientific Supervisor.
8. During the probation period, either party may terminate the contract at any time without notice or compensation in lieu of notice.
   If the probation period ends without termination by either party, the postdoctoral researcher is deemed confirmed in service, and seniority is recognized from the date of appointment for all purposes.
9. In the event of termination, salary will be paid up to the last day of actual service.

Art. 9
(Duration and extension of postdoctoral contracts)

1. Postdoctoral appointments have a minimum duration of one year and may be extended up to a maximum total duration of three years.
2. The request for an extension is made in accordance with the provisions of Article 16 of the Regulation cited above.
   The Human Resources Directorate (DRU) shall submit the extension request for approval by the Academic Senate.
3. Any extension of a postdoctoral contract must comply with the maximum total duration of three years established in Article 22-bis, paragraph 2, of Law 240/2010, as well as the maximum total duration of 11 years established in Article 22-ter, paragraph 9, of the same law.
4. The contract extension shall be signed by the postdoctoral researcher and the Chief Executive Officer and General Director.

Art. 10
(Rights and duties of postdoctoral researchers)

1. Postdoctoral researchers shall carry out research activities, as well as contribute to teaching and third-mission activities associated with their appointment, in coordination with the Research Project Coordinator.
2. Postdoctoral researchers have the right to access the facilities and equipment of the department or unit where their research is conducted, and to make use of available services in accordance with the rules and regulations of the hosting unit.
3. Conducting research outside the department or unit that proposed the contract requires prior authorization from the proposing entity.
4. The postdoctoral appointment does not confer any entitlement to permanent academic positions.
5. Postdoctoral researchers are subject to occupational health checks required under Legislative Decree 81/2008, to be provided by the University, and must comply with applicable health and safety regulations in the workplace.
6. Postdoctoral researchers are subject to the disciplinary rules established in the General Work Regulations for Technical and Administrative Staff (Chapter 4, Articles 33, 34, 35, and 36).

Art. 11
(Incompatibilities)

1. Postdoctoral appointments are incompatible with:
   a) any other employment relationship, including part-time or fixed-term positions, with public or private institutions;
   b) holding research grants at other universities or public research institutions;
   c) holding research contracts under Article 22 of Law 240/2010, even at other universities or public research institutions;
   d) holding research assignments under Article 22-ter of Law 240/2010, even at other universities or public research institutions;
   e) holding fixed-term researcher contracts under Article 24 of Law 240/2010;
   f) holding scholarships or research grants, of any type, awarded by national or foreign institutions, except for those exclusively intended for international research mobility, including doctoral fellowships and stipends related to medical specialization contracts.
2. A postdoctoral appointment is not compatible with enrollment in degree programs (bachelor's, master's, or integrated master's), doctoral programs, or medical specialization courses, in Italy or abroad, except when participation is necessary to implement specific European Union research funding programs, including actions under the Marie Skłodowska-Curie Actions (MSCA).
3. Notwithstanding the above, postdoctoral researchers may not engage in any activity that could create a conflict of interest with the University's activities.

Art. 12
(Remuneration, taxation, social security, and insurance)

1. Postdoctoral researchers shall receive, for the entire duration of the appointment, a gross annual salary determined in relation to the required commitment and the complexity of the activities to be performed. This salary shall be no less than the gross annual remuneration of a confirmed fixed-term researcher in Class 0 at the time of contract signing, currently €28.456,47, corresponding to a total employer cost of € 40.103,57.
2. The gross annual salary is not subject to indexation or automatic adjustment.
3. The salary shall be paid in equal monthly installments.
4. The employment relationship shall be governed by applicable laws and regulations, including provisions regarding taxation, social security, welfare, and insurance applicable to employees.
5. The University shall also provide insurance coverage for workplace accidents, occupational diseases, and civil liability.

Art. 13
(Processing of personal data)

1. The personal data provided by the candidates shall be processed, subject to the formal authorization of the data subjects, exclusively in accordance with the methods provided for by the applicable sector regulations and for purposes strictly related and instrumental to the management of the selection procedure.

Art. 14
(Competent administrative unit and officer responsible for the procedure)

1. The Officer responsible for this selection procedure is Rosa Lauretta, Head of the Competitions and Academic Staff Office – Human Resources Directorate, email: concorsi@unicampus.it

Art. 15
(Final provisions)

1. For all matters not explicitly covered by this call, the legislative and regulatory provisions cited in the introduction shall apply, as well as all other applicable laws.

Art. 16
(Pubblicazione del bando)

1. Il presente decreto è reso disponibile sui siti web:
   - dell'Ateneo: https://www.unicampus.it/en/ateneo/concorsi/incarichi-post-doc/ ;
   - del Ministero dell'Università e della Ricerca: https://bandi.mur.gov.it/;
   - dell'Unione Europea: http://ec.europa.eu/euraxess.

Chief Executive Officer and Director General
Signed Dr. Andrea Rossi

Rector
Signed Prof. Rocco Papalia

Digitally signed document

Call for applications for the award of No. 1 post-doc research contract pursuant to Article 22-bis of Law No. 240/2010, Scientific Disciplinary Group 05/BIOS-06 - Physiology, Scientific Disciplinary Sector BIOS-06/A - Physiology, at the Research Unit in Neurophysiology and Neuroengineering of Human–Technology Interaction Lab (NeXT Lab) and the Departmental Faculty of Medicine, Surgery and Dentistry of Università Campus Bio-Medico of Rome.

Competition code: IPD/03_26

Departmental Faculty/Research Unit of affiliation	Medicine, Surgery and Dentistry/ RU of Neurophysiology and Neuroengineering of Human–Technology Interaction Lab (NeXT Lab)
Place where the activities will be carried out	Center for the Health of the Elderly (CESA), U.C.B.M.
Contract duration (at least one year)	1 year
Scientific Disciplinary Group	05/BIOS-06 - Physiology
Scientific Disciplinary Sector	BIOS-06/A - Physiology
Subject of the contract	Design and development of experimental platforms and sensory feedback systems for the study of embodiment of artificial limbs
Brief description of the research program to which the position is linked	The research program is aimed at the design and development of experimental platforms and virtual environments for investigating the factors influencing the embodiment of artificial limbs, including upper-limb prostheses, robotic limbs, and virtual limbs, as well as the development and validation of sensory feedback and sensory substitution systems to promote their integration into the body schema. The research activities will include the experimental validation of the developed platforms and devices through studies involving both able-bodied participants and individuals with upper-limb amputation. These studies will evaluate the effectiveness of different sensory feedback approaches in promoting embodiment, motor control, and functional performance using behavioral and neurophysiological measures, including electroencephalography (EEG), electrocardiography (ECG), and skin conductance recordings. The program also aims to identify the key sensory and neurophysiological factors underlying embodiment and the intuitive control of artificial limbs by developing and evaluating

	innovative approaches based on non-invasive neuromodulation techniques.
Teaching and third mission activities in which the postdoctoral fellow is required to collaborate	The post-doc researcher will collaborate in the teaching activities of the Department, carrying out teaching duties, including direct responsibility for teaching modules and lectures within degree programs related to the relevant scientific-disciplinary sector, through lectures, tutorials, and laboratory activities. The candidate will also contribute to the design and updating of teaching materials, student tutoring, and the supervision of Bachelor's and Master's theses. The post-doc researcher will further collaborate in the Department's third mission activities, contributing to the dissemination of research results and to the development of innovative systems and technologies derived from scientific activities.
Any additional qualifications subject to evaluation	Research and teaching activities carried out at universities or research institutions, participation in national and international research projects, research stays at foreign institutions, patent achievements, and other technology transfer activities.
Research Supervisor	Prof. Giovanni Di Pino
Maximum number of publications	10
Language knowledge and skills	English B2-C1
Date and time of the interview	**4th November 2026, at 10:00 a.m.** Remote candidates on Microsoft Teams platform

Digitally signed document