UC

CALL FOR THE SELECTION OF TEMPORARY RESEARCH PERSONNEL TO CARRY OUT SPECIFIC SCIENTIFIC AND TECHNICAL RESEARCH PROJECTS.

The COIE is requested to make a public call for the selection of temporary research personnel to carry out specific scientific and technical research projects to be funded, in accordance with the following:

RULES

FIRST.- PURPOSE OF THE CALL

The purpose of the call is the selection of research personnel (No. of post offered 1), to carry out the Project 'OPTIMIZATION OF CYANOBACTERIAL EVOLUTIO TRHOUGH ARTIFICIAL INTELLIGENCE. PROJECT CNS2023-144896 Funded by MICIU/AEI /10.13039/501100011033 y por la Unión Europea NextGeneration EU/PRTR', whose principal investigator is Mr / Mrs. Raúl Fernández López of the department / institute Institute of Biomedicine and Biotechnology of Cantabria and its funding will be covered by the budget application 05.5500.NW04 541A 64630 corresponding to the following modality Proyect CNS2023-144896 funded by MICIU/AEI /10.13039/501100011033 y por la Unión Europea NextGeneration EU/PRTR

SECOND.- FUNCTIONS AND TASKS OF THE POSITION

Application of transformer-architecture language models, such as ESM2 and BERT, for the detection of proteins with different functions. Adaptation of pre-trained models for the detection of specific groups of proteins

THIRD.- POSITION CATEGORY AND QUALIFICATION REQUIRED

RESEARCHER - UNIVERSITY DEGREE responsibility I

Physics (undergraduate, master's and bachelor's degrees)

Mathematics (undergraduate, master's and bachelor's degrees)

Computer Science (bachelor's, master's and bachelor's degrees)

FOURTH.- REQUIREMENTS FOR APPLICANTS

Applicants must meet the following requirements:

1) Have Spanish nationality or have the nationality of a member state of the European Union or be from any of the states in which, by virtue of international treaties established by the E.U. and ratified by Spain, the free movement of workers is applicable. Likewise, applicants with a nationality other than that mentioned above may submit their application, provided they can prove that they are in possession of a work and residence permit at the time the contract is formalized.

2) To be in possession of the qualification required in this call. Documents issued abroad that are to be used in this procedure must be legalized in accordance with the current regulations (Management circular number 134).

3) Persons who have had a fixed-term contract or production circumstances contract for the same research project or who have been contracted for other projects in the last twenty-four months for a period exceeding eighteen months, taking into account the time of the present job offer, in accordance with the provisions of article 15.5 Royal Legislative Decree 2/2015, of 23 October, approving the revised text of the Workers' Statute Law, may not participate in the selection process.

4) Contracts signed prior to 31 December 2021 under Law 14/2011, of 1 June, on Science, Technology and Innovation, will not be taken into consideration for the purposes indicated in the previous paragraph (Additional Provision 23, section 1).

5) To hold the required qualification

FIFTH.- APPLICATIONS

In addition to registering for the offer through UC Placement Agency Portal (https://web.unican.es/agenciacolocacion), applicants must submit the following documentation to the department/unit within the 7 working days, counting from the day following its publication, or send all scanned by e-mail (ibbtec@unican.es), indicating the offer to which it refers:

- 'Application form for calls for selection of research personnel', completed. Available on the web site of the placement agency.

- Photocopy of the National Identity Card, or equivalent document.

- Photocopy of the degree or proof of having paid the corresponding fee for issuance of the degree.

- Academic and professional curriculum vitae and supporting documents of the submitted merits.

SIXTH .- DURATION

In order to proceed with the formalisation of the contract once the selection process has been passed, the selected person must meet the requirements established in Article 15.5 of Royal Legislative Decree 2/2015, of 23 October, which approves the revised text of the Workers' Statute Law (modified by Royal Decree-Law 32/2021, of 28 December).

This contract will be for a fixed term and is linked to the execution of a temporary programme financed by funds for the execution of the Recovery, Transformation and Resilience Plan or temporary programmes financed by European Union funds and is signed in accordance with the provisions of the fifth additional provision of Royal Decree-Law 32/2021, of 28 December, on urgent measures for labour reform, the guarantee of employment stability and the transformation of the labour market, will be for 4 monthsPart-time fixed-term contract, and may be extended until the end of the programme or project and the existence of credit.

SEVENTH.- REMUNERATION

The employee's salary will be 3784,88 (gross salary including the proportional part of the extraordinary payments during the contract).

EIGHTH.- MERITS ASSESSMENT

Once the deadline for the presentation of applications has expired, the Selection Committee shall proceed to evaluate the merits based on the documentation provided, and may agree, if deemed convenient, to conduct a personal interview with all or some of the candidates.

NINTH.- EVALUATION COMMISSION

The evaluation committee will be made up of the following persons:

Mr/Mrs Raul Fernández López

Mr/Mrs Marta Robledo Garrido

Mr/Mrs María Pilar Garcillan Bacía

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In Santander on January 5, 2026
Signed by the Project Responsible

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ANNEX I
MERITS TO BE VALUED

OTHER OFFICIAL QUALIFICATIONS:

No requerido / Not required

EXPERIENCE IN RELATION TO THE WORK TO BE PERFORMED:

Experience in programming, expertise in software for handling big data, with a special emphasis on deep learning methods, and especially language models. 30%

COMPLEMENTARY TRAINING:

Having knowledge of software for handling big data, with a special emphasis on deep learning methods, and especially language models. 40%

LANGUAGES:

English. 10%

OTHER MERITS:

Courses related to the position's profile, participation in scientific meetings, scientific publications. 20%

PERSONAL INTERVIEW:

No