

Tender procedure for hiring 1 entry-level doctoral researcher for Research in the area of Neuromodulation and Cognitive Neuroscience

Opening of a tender selection procedure for hiring an entry-level doctoral researcher under Decree-Law No. 57/2016, of August 29, amended by Law No. 57/2017, of July 19.

1. By order of the president of the School of Health of the Polytechnic Institute of Porto (ESS | P. PORTO), Prof. Cristina Prudêncio, of 26/09/2023, following the provisions of Point A) of Paragraph 1 of Article 11. No. 57/2016, 29 August, as amended by Law No. 57/2017, of 19 July, which approves a doctoral contracting regime aimed at stimulating scientific and technological employment in all areas of knowledge (RJEC), the General Law on Labor in public functions (LTFP) approved in Annex to Law No. 35/2014, of 20 June, in its current wording, and regulatory Decree No. 57/2017, of 11-a/2017, of December 29, the opening of an international selection tender procedure for the recruitment of doctoral researchers was authorized, for the exercise of research activities under an employment contract in public functions with a certain resolutive term, for three years, automatically renewable for periods of one year up to a maximum duration of six years.
2. Framework of work position - the work position is part of the activities and research works programmed at TBIO - Center for Research in Translation Health and Medical Biotechnology, of the School of Health of the Polytechnic Institute of Porto, namely, within the scope of research activities in the area of Neuromodulation and Cognitive Neuroscience.
3. The workplace is located on the premises of TBIO, Rua Dr. António Bernardino de Almeida, 400, 4200-072, Porto, Portugal, and/or other places necessary for the development of research activities.
4. Number of jobs to be filled - One (1).
5. The monthly remuneration to be awarded shall be as stipulated in Article 15 (1). The RJEC, corresponding to remuneration level 33 of the single remuneration table, currently has an illiquid value of 2,228.11 euros, following Decree-Law No. 26-B/2023, of 18.04.2023.
6. The employment contract in public functions with a certain resolutive term will be concluded for three years, automatically renewable for periods of one year up to a maximum duration of six years, unless, and without prejudice to other causes of termination or extinction legally provided, especially concerning the maintenance of the funding of the project to which the researcher will be attached, the contracting scientific body proposes its termination based on an unfavourable evaluation of the work developed by the doctorate, carried out following the regulations in force.
7. Within the framework of the selection tender, the vacancy(ies) is(are) open: 1 place of equivalent to doctoral researcher(A) in the area of Neuromodulation and Cognitive Neuroscience, namely to work on topics related to the design and implementation of i) Neuromodulation with tDCS and TMS, ii) programming of experimental paradigms of EEG and ERP, iii) Psychophysics, iv)

Laboratory management. The works will be related to the activities developed within the framework of ongoing projects, and other future projects in related areas.

8. The tender can be opposed by National, Foreign and stateless candidates who hold a doctoral degree in Neuroscience, Psychology, Biomedical Engineering or related areas; and holders of a scientific and professional curriculum that reveals an appropriate profile for the places in the tender, particularly in the areas described in point 7 of this notice. Candidates with a PhD degree in non-related areas may be admitted, provided that the scientific and professional curriculum reveals a relevant profile for the places in the tender.
9. They are general admission requirements for candidates, nationals, foreigners or stateless persons, at the end of the deadline for applying:
 - a) Be the holder of the requirements of majority (18 years of age or more), of non-inhibition for the exercise of public functions, of non-prohibition for the exercise of the public functions that they propose to perform, of physical robustness and psychic profile indispensable for the exercise of the functions and have ensured compliance with the mandatory vaccination laws, as stipulated in Article 17 of the LTFP;
 - b) Be holder of a doctoral degree, conferred by a Portuguese or foreign higher education institution, and in the latter circumstance must be holder, at the date of delivery of the application, of the proof of recognition, equivalence or registration of the doctorate, under the applicable legislation, in one of the areas described in point 8.
10. The evaluation of the scientific and curricular path of the candidates focuses on the relevance, quality and timeliness of the scientific and technological production of the last five years in the area of Neuromodulation and Cognitive Neuroscience, as well as their education or training activities in the area of Neuromodulation and Cognitive Neuroscience over the same period.
11. The five years referred to in the preceding paragraph may be extended by the jury, at the request of the candidate, when justified in suspension of scientific activity for socially protected reasons, namely for reasons of parental leave, prolonged serious illness, and other situations of unavailability for work legally protected.
12. The evaluation process may include an interview with the candidates to be selected by the jury for this purpose.
13. The rating system of the candidates is expressed on a scale of 0 to 100 points, and approval is dependent on having a minimum rating of 50 points in each of the methods of evaluation and ranking: curricular assessment and interview.
14. The requirements to be met by the candidates are as follows:
 - a) Have a doctorate in the area as provided in number 8 of this notice, with a thesis of relevance in the area and explicit topics set out in No. 7 of the Notice;
 - b) Preferably have experience of participation in international or National Research Projects of relevance in the area, possibly with positions of responsibility and technical-scientific leadership;
 - c) Preferably have high-quality publications in conferences or relevant scientific journals in the area addressing relevant aspects related to the topics and projects that define the area of activity of the position;
 - d) Have preferably experience of (co-)supervision or follow-up of PhD students (preferably) or Master/BSc students;
 - e) Demonstrate ability to lead or participate in drafting project proposals or obtaining competitive funding.
15. The criteria for the evaluation and ranking of the candidates in the curricular assessment are as follows, taking into account only the last 5 years, except in the conditions referred in point 11:
 - a) Scientific and technological production, particularly in the area of Neuromodulation and Cognitive Neuroscience (60%): for this purpose, only the quantity and quality of publications using EEG methods and/or non-invasive brain stimulation with tDCS or TMS, in journals indexed in JCR-Clarivate at the time of publication, especially as first author, and duly proven active participation in submitting and winning projects in

- funding programmes, by entities other than universities or research centres, will be considered;
- b) Practice-based activities or training in the area of Neuromodulation and Cognitive Neuroscience (20%), particularly in EEG, tDCS or TMS;
 - c) Scientific development plan and participation in laboratory management at TBIO (20%).
16. In a second evaluation phase, the jury will interview the candidates who have obtained at least 50 points in the curriculum evaluation, with the aim of:
- a) Clarifying aspects related to the results of its research and research experience (50%);
 - b) Evaluating parameters such as motivation to apply, ability to express oneself and communicate, and interpersonal and conflict management skills (50%)
17. After this phase, the candidates will be ranked by their final classification, resulting from the application of the following formula: $CF = (\text{classification of the first phase} \times 80\%) + (\text{interview} \times 20\%)$.
18. The jury appointed by order of the president of the School of Health of the Polytechnic Institute of Porto, in accordance with Article 13.º of the RJEC has the following composition:
- Prof. Nuno Albertino Barbosa Ferreira da Rocha, coordinating Professor at ESS|P. PORTO and director of TBIO (President);
 - Prof. Catarina Andreia Domingues Mateus, Coordinating Professor at ESS|P.PORTO and Researcher at TBIO (Member, who replaces the President in his absence or impediment);
 - Prof. Liliana da Conceição Teixeira, Adjunct Professor at the School of Health of the Polytechnic Institute of Leiria and Researcher at TBIO (Member);
 - Prof. Matilde Alexandra Rodrigues, Adjunct Professor at ESS|P.PORTO and Researcher at TBIO (Supplement member).
 - Prof. Joana Carvalho dos Santos, Adjunct Professor at ESS|P.PORTO and Researcher at TBIO (Supplement member).
19. Formalization of the application:
- a) Applications must be formalized, mandatorily through the address https://www.ess.ipp.pt/candidaturas_, explicitly indicating the reference of the vacancy.
 - b) Applications sent by e-mail or by any other means, electronic or not, other than that determined above, will not be accepted.
 - c) The application must contain full name, affiliation, number and date of identity card, Citizen Card, or civil identification number, Tax Identification Number, Date and place of birth, marital status, profession, residence and contact address, including email address and telephone contact.
20. The application shall be accompanied by documents confirming the conditions laid down in points 8 and 9 for admission to this tender, in particular:
- a) Electronic application form for the tender procedure.
 - b) Copy of the certificate or diploma confirming the academic PhD degree, the recognition or registration of the doctoral degree;
 - c) Detailed curriculum of the candidate, structured in such a way as to allow the evaluation of the relevance, quality, and timeliness of the candidate's scientific and Curricular path.
 - d) Copy of the documentation supporting the activities and results recorded in the *curriculum vitae*, or links to it.
 - e) Statement proving that the candidate meets the general and special requirements referred to in paragraph 9 of this notice.
 - f) Scientific development plan in TBIO (maximum of 5000 words).
 - g) 2-4 letters of recommendation, with email contact of the person writing the letter.
21. The deadline for applications begins on the day following the publication of this notice in the Official Gazette and runs for 15 (fifteen) working days. The doctoral selection process begins, within 10 (ten) working days following the deadline for submission of applications, through a jury meeting to assess the applications, to verify, in each application, compliance or non-compliance with the general and special requirements established in this notice.

22. The jury has the power to require any candidate, in case of doubt, to produce documents supporting their statements.
23. Candidates who do not obtain a final classification equal to or greater than 50 points will not be admitted occupying any of the places in the tender, due to lack of absolute merit.
24. The minutes and the final ordering list will be published in the domus.ipp.pt
25. Following Article 121.º of the Code of Administrative Procedure, after notified, candidates have 10 working days to pronounce themselves. No later than 90 days from the deadline for submitting applications, the final decisions of the jury are rendered.
26. This tender procedure is intended exclusively for the filling of advertised jobs and may be terminated until the approval of the final ordering list of candidates and will expire when the respective occupation of the job is filled.
27. In conjunction with the provisions of Articles 16. and 17. Of Decree-Law no. 57/2016, of 29th August, as amended by law no.57/2017, of 19th July, this tender procedure and the hiring of the Doctoral Researcher is exempt from the authorization of the members of the government responsible for the areas of Finance and public administration, namely the one referred to in paragraph 3 of Article 7. Of the LTFP and obtaining the prior favourable opinion of the members of the government responsible for the areas of Finance and Public Administration, referred to in Article 30 (5). Of the LTFP and the procedure for recruiting workers in a situation of requalification, referred to in Article 265 LTFP.
28. Policy of non-discrimination and equal access: P. PORTO actively promotes a policy of non-discrimination and equal access, so that no candidate can be privileged, benefited, harmed or deprived of any right or exempt from any duty due, in particular, to ancestry, age, sex, sexual orientation, marital status, family situation, economic situation, Education, origin or social condition, genetic heritage, reduced work capacity, disability, chronic illness, nationality, ethnic origin or race, territory of origin, language, religion, political or ideological convictions and trade union membership. Following D. L. nº 29/2001, of February 3rd, the candidate with disabilities has preference in equal classification, which prevails over any other legal preference. Candidates must declare in the application form, under commitment of honour, their degree of disability, the type of disability and the means of communication/expression to be used in the selection process, under the terms of the diploma mentioned above.
29. This notice will be published in the following terms:
 - a) On the 2nd series of the Official Gazette.
 - b) At the Public Employment Exchange, in www.bep.gov.pt;
 - c) On the EURAXESS Portugal Portal, at <https://euraxess.ec.europa.eu/>;
 - d) On the ESS/P. PORTO website at <https://www.ess.ipp.pt/ess/recrutamento/concursos-investigadores/concursos-investigadores>.

February 28th, 2024 - the president of the School of Health of the Polytechnic of Porto Prof. Cristina Prudêncio.