

National Institute of Health Doctor Ricardo Jorge, I.P.

- Notice No. 1896/2023, of January 27th

Public notice of the opening of an international scientific employment competition tender for the recruitment of a Ph.D. research scientist under a project financed by the European Commission under the 4th Health Program (EU4H-2022-DGA-MS-IBA-1), with the reference “Proposal ID-101113460-GENEO”.

1. According to the provisions of Article 11 of Decree-Law No. 57/2016 of August 29 it becomes public that, by order of the Directive Board of the Nacional Health Institute, Doctor Ricardo Jorge, IP (INSA, IP) on January 5, 2023, a competition procedure of international selection is open for a period of 10 working days, from the date of publication of this Notice in *Diário da República*, to fill a doctoral post for the exercise of scientific research activities, under a fixed-term public service work contract rules, scientist under a project financed by the European Commission under the 4th Health Program (EU4H-2022-DGA-MS-IBA-1), with the reference “Proposal ID-101113460-GENEO”.

2. Applicable law:

- a) Decree-Law no. 57/2016, of August 29, in its current version, which approves the Legal Regime of Scientific Employment (RJEC);
- b) Law no. 35/2014, of June 20, in its current version, which approves the General Labour Law in Public Functions (LTFP);

3. Pursuant to article 16 of Decree-Law no. 57/2016, of August 29, this tender proceeding is exempted from the authorization of the members of the Government responsible for the areas of Finance and Public Administration, namely the one mentioned in paragraph 3 of article 7 of the LTFP, from the prior favourable opinion of the members of the Government responsible for the areas of Finance and Public Administration referred to in paragraph 5 of article 30 of the LLPF and the procedure for the recruitment of workers in requalification situations, referred to in article 265 of the LTFP.

4. The place of work is located at National Institute of Health Dr Ricardo Jorge, I.P., Avenida Padre Cruz, 1649-016 Lisboa, Portugal

5. Basic remuneration and social benefits - The remuneration to be attributed is that provided for in paragraph a) of paragraph 1 of article 15 of the RJEC, corresponding to level 33 of the single remuneration table approved by Administrative Rule no. 1553-C/2008, of 31 of December, in the illiquid amount of € 2.206,05.

6. The candidates may be national, foreign and stateless holding a doctorate degree in the required scientific area and holders of a scientific and professional curriculum that shows an adequate profile for the activity to be developed. If a doctorate has been awarded by a foreign higher education institution, it must comply with the provisions of Decree-Law no. 66/2018, of 16 August, and any formalities established there must be fulfilled by the date of signature of the contract.

7. Admission requirements - general requirements for admission to competition are those defined in Article 17 of the LTFP and the special requirements defined in the following points.

7.1. Specific requirements: PhD in Life and Health Sciences, Biological Sciences, Natural Sciences or related fields.

7.2. Preferred requirements

- (a) Professional experience in bioinformatics and computational biology;
- b) Professional experience in metagenomic analysis ("shotgun") for pathogen detection;
- c) Advanced experience in Python (including Django) and Bash and intermediate experience in SQL, JavaScript, html and css;
- d) Experience in Docker and Apache;
- e) Previous scientific publications in software packages;
- f) Strong data visualization skills
- g) Experience in developing bioinformatics pipelines;
- h) Experience in Big Data Management;
- i) Previous participation in international projects in the area of bioinformatics;

8. Functional content - the activities to be developed, under scientific coordination, are:

- a) Participation in research and development activities underway at the Genomics and Bioinformatics Center of the INSA Department of Infectious Diseases;
- b) Participation in the design and implementation of national and international projects of the Institute's research groups
- c) Participation in attracting external funding;
- d) Supervising and/or co-supervising interns, MSc and PhD students;
- e) Within the scope of integration in the Genomics and Bioinformatics Center, development, implementation and optimization of bioinformatics pipelines using the tools described above in the preferential requirements, with a view to detecting the emergence and dissemination of infectious agents, as well as monitoring their genetic diversity.

9. Selection and Evaluation Criteria - Pursuant to article 5 of the RJEC, the selection is made through the evaluation of scientific and curricular career of the candidates, focused on the relevance, quality and timeliness of the candidate's professional experience over the last five years, in the specific scientific area of the competition, and in the evaluation of the suitability of the candidate's experience for the development of the mentioned project.

9.1. The period of five years referred to in the preceding paragraph may be increased by the jury, upon request of the candidate, when justified on grounds of suspension of the scientific activity for socially protected reasons, namely for reasons of parental leave, prolonged serious illness, and other situations of unavailability for work legally protected.

10. The candidates' evaluation is scored on a numerical scale from 0 to 20, taking into account the items mentioned above, that and consists in the assessment of the candidates' *curriculum vitae* and their compliance with the preferred requirements established for this competition. Candidates that obtain a score of 9.5, in a scale from 0 to 20 of the respective ranking criteria, will not be admitted to take the place in competition due to lack of absolute merit.

11. The actual detailed assessment criteria, their relative weight and the final scoring system (including a scoring algorithm) are described in the jury meeting minutes. The latter can be made available to the candidates upon request.

12. The assessment mentioned in the preceding paragraph may be complemented by an interview (EPS), aiming to obtain clarifications or explanations regarding the elements contained in the candidates' curricula.

13. The jury shall deliberate by means of a nominal vote based on the evaluation criteria adopted and disclosed, and abstentions are not allowed.

14. Minutes of the meetings of the jury shall be drawn up, which must contain a summary of what has taken place, as well as the votes cast by each of the members and their reasons, and they are disclosed to the candidates whenever requested.

15. After completion of the application of the evaluation criteria, the jury will draw up the ordered list of the candidate(s) approved with the respective classification.

16. The final decision of the jury is ratified by the President of the Directive Council of INSA, IP, who also has the competence to decide on the hiring.

17. Formalization of applications:

Applications must be submitted by completing the mandatory application form, available on the INSA website at www.insa.min-saude.pt in the tab "Institutional - management tools - recruitment - tender procedures - opening notices", until the last day of the deadline for opening the tender, which is set at 10 working days after the publication of this Notice.

The candidate must unequivocally identify, in the Application Form, the intended job, indicating the career, category and activity characterizing the job to be occupied.

17.1. Only electronic submission of application is admissible.

17.2. Validation of the application is made by submitting the electronic form made available for this purpose, accompanied by the respective curriculum vitae and other documents required in the procedure, and the candidate must keep the proof, requesting that it be sent when submitting the application.

17.3. Applications that do not complete the submission of the electronic form will not be considered.

17.4. The application form must be accompanied by the documents proving the conditions referred to in paragraphs 6 and 7, namely:

- a) Copy of doctoral certificate or diploma;
- b) Detailed *curriculum vitae*, written in Portuguese or English, that contain the scientific activities developed and the corresponding periods, the publications, and highlighting the professional experience referred to in paragraph 7;
- c) Motivation letter, focusing on the relevance of the scientific course to the position, the professional objectives and the areas and themes of research interests that the candidate considers relevant to develop in the future;
- d) Indication of the name and contact details of at least two researchers or professors who can recommend the candidate.

18. Candidates that incorrectly formalize their application or do not prove this tender's requirements shall be excluded from the same.

19. The jury may require any candidate, in case of doubt, to present proof of the statements made.

20. False statements by candidates shall be punished in accordance with the law.

21. The list of admitted and excluded candidates as well as the final classification list shall be posted on the premises of the Directorate of Human Resources Management at the National Institute of Health Doctor Ricardo Jorge, at Avenida Padre Cruz, Lisbon, advertised at INSA's electronic address, at www.insa.min-health.pt, and the candidates shall be notified by email with receipt of delivery of the notification.

22. Preliminary Hearing and deadline for the Final Decision: Pursuant to article 121.º of the Code of Administrative Procedure. After being notified, candidates have 10 working days to present their arguments.

23. Pursuant to article 11 of the RJEC, this notice shall be advertised on the public employment portal, at www.bep.gov.pt, on the INSA website, www.insa.min-saude.pt and FCT, I.P., www.eracareers.pt, in Portuguese and English.

24. The present competition is exclusively destined to the filling of the posted vacancy, being able to be stopped until the homologation of the final ordering list of the candidates and expiring with the respective occupation of the position in offer.

25. The contract of employment, celebrated for a certain resolutive term of period of 36 months and maximum of 6 years, will expire due to supervening, absolute and definitive impossibility of being given continuity, in the respective financing ceases by the finder institution, without prejudice to the notification of termination to the employee.

26. Non-discrimination and equal access policy: INSA, IP, actively promotes a policy of non-discrimination and equal access, so that no candidate can be privileged, benefited, disadvantaged or exempted of any right nor

dismissed from any settled duty, in particular, to ancestry, age, gender, sexual orientation, marital status, family situation, economic situation, education, social origin or condition, genetic heritage, disability, chronic illness, nationality, ethnic origin or race, territory of origin, language, religion, political or ideological beliefs and union membership.

27. Under Decree-Law no. 29/2001 of February 3, candidates with a disability have preference in equal classification, which prevails over any other legal preference. The candidate (s) is (are) required to state in the application form, under oath, the respective degree of disability, type of disability and the communication means/expression to use in the selection process, in accordance with the abovementioned law.

28. In accordance with article 13 of the RJEC, the jury shall have the following composition:

President:

- João Paulo dos Santos Gomes, researcher with habilitation degree, INSA, I.P.

Chair:

Vítor Manuel Monteiro Borges, researcher, INSA, I.P. (replaces the President if he cannot be present at some instances);

- Mónica Alexandra de Sousa Oleastro, researcher, INSA, I.P.

Substitute chair:

- Maria José Gonçalves Gaspar Borrego, researcher, INSA, I.P.

- Maria Paula Ramalho Bajanca Lavado, researcher, INSA, I.P.

Lisbon, January 27, 2023

Fernando de Almeida

Chairman of Directive Board of the Nacional Health Institute, Doctor Ricardo Jorge, IP