

Public notice Ref.^a CDL-CTTRI-188-ARH/2019 — Doctor Paulo Jorge dos Santos Gonçalves Ferreira, Full Professor and Rector of the University of Aveiro, hereby announces that for a period of 15 business days, starting on the first business day immediately after the publication of the present notice, an international public announcement is opened for the recruitment, in the form of a Uncertain Term Work Contract, under the Portuguese Labour Code, of a researcher holding a doctoral degree to carry out research in the scientific area of Chemistry, under the theme preparation of fluorophors and characterisation of the optoelectronic properties of the synthesised organic compounds, in the frame of the project pAge: protein aggregation across the lifespan, (Centro-01-0145-FEDER-000003), supported by the Programa Operacional do Centro (Centro 2020), in its FEDER/FNR component.

The present public notice was opened on 29 October 2019 by order of the Rector of the University of Aveiro, following the proposal of the Scientific Council.

The public tender is governed by the provisions of Decree-Law 57/2016, August 29, that approves the rules for post-doctoral work contracts, aimed at stimulating the employment in science and technology in all areas of knowledge (RJEC) within the legal provisions of the Labor Code, Law on 7/2009, February 12, in its current wording and other applicable legislation and regulations.

The monthly payment is 2128,34 €.

1 — Admission requirements:

Any national, foreign and stateless candidate(s) holding a doctorate degree in Chemistry and a scientific and a suitable professional *curriculum* whose, can apply to this tender.

2 — Formalisation of the applications:

The applications are addressed to the Rector of the University of Aveiro as follows:

2.1 — The application should include, among others, the following elements:

- a) Call identification;
- b) Applicant's identification: full name, birth date, nationality, mailing address and email;
- c) Identification of the institution where the applicant is presently working and his/her position there, when applicable;
- d) Identification of degrees held by the applicant;

e) Statement by the applicant declaring that the elements or facts contained in the application are correct and accurate.

2.2 — The application should include the following documents:

- a) Copy of detailed and structured *curriculum vitae* according to items in point 5;
- b) Any other documents that the applicant considers relevant, namely for the assessment of the information referred to in no. 2 of article 5 of the RJEC.

2.3 — The *curriculum vitae* should contain:

- a) Full identification;
- b) Contacts: address, telephone number and email;
- c) Copy of the certificate with the respective marks or grade or other document that is legally recognised for the same purpose;
- d) All pertinent information for assessing the application considering the selection and ranking criteria of the present call, organized according to the sub-items of the assessment set forth in Section 5 below.

2.4 — Submission of the application:

2.4.1 — The application may be submitted in Portuguese or in English, by email, to the Human Resources Department of the University of Aveiro (concursosDL57-2016@ua.pt) until the deadline stipulated in this Notice.

2.4.2 — The applicants are required to present a “message sent” confirmation as proof of the application submission.

2.4.3 — Instructions for the submission of applications, in digital format, are available in the Competition and Job Offers of Human Resources area at <https://www.ua.pt/sgrhf/PageText.aspx?id=15052>.

2.5 — Failure to comply with the deadline for submission of the application, as well as the incorrect formalization of the application, will result in the exclusion of the application. The exclusion decision is communicated to candidates by e-mail for the purpose of their hearing.

3 — Public tender Jury:

3.1 — In accordance with article 13 of the RJEC the call jury has the following composition:

President: Professor Doctor João Carlos Matias Celestino Gomes da Rocha, Full Professor of University of Aveiro.

Jury members:

Professor Doctor Artur Manuel Soares da Silva, Full Professor of University of Aveiro;

Professor Doctor Diana Cláudia Gouveia Alves Pinto, Assistant Professor of University of Aveiro.

4 — Jury working rules

4.1 — The deliberations are held by roll call voting requiring the absolute majority of votes of the members of the jury present at the meeting, abstentions not allowed.

4.2 — The jury deliberates approves the candidates on absolute merit on the basis of the merit of their overall curriculum in the scientific area of the tender, also taking into account, cumulatively, compliance with at least one of the following requisites:

4.2.1 — Have relevant experience in fluorophores synthesis and characterization of their optoelectronic properties;

and

4.2.2 — The applicant is the author or co-author of at least 5 papers in the scientific area of the tender, indexed in the Clarivate Analytics Science Citation Index Expanded of the Web of Science as document type = article or document type = review, or in the SCI Verse Scopus with the same characteristics;

or

4.2.3 — The applicant has obtained a total of at least 100 citations (self-citations excluded) to the scientific works produced in the area of the tender is open, according to the Clarivate Analytics Science Citation Index Expanded of the Web of Science, or in the SCI Verse Scopus with the same characteristics;

or

4.2.4 — The applicant has obtained an average of of 5 citations per paper (self-citations excluded) to the scientific works produced in the area of the tender is open, according to the Clarivate Analytics Science Citation Index Expanded of the Web of Science, or in the SCI Verse Scopus with the same characteristics. 4.3 — The decision of exclusion in absolute merit is communicated to the candidates by e-mail for the purpose of their hearing.

4.4 — After the phase of approval in absolute merit, the jury will begin the process of appraisal of applications, taking into account the criteria set out in this notice.

5 — Evaluation and selection

5.1 —The selection method is curriculum evaluation.

5.2 — The evaluation of the curriculum and scientific track record focuses on the relevance, quality and topicality of the:

- a) Scientific, technological, cultural or artistic production of the last five years, deemed most relevant by the candidate;

- b) Applied research activity, or based on practical work, developed in the last five years, deemed most impactful by the candidate;
- c) Knowledge extension and dissemination activities developed in the last five years, namely under the scope of the promotion of culture and scientific practices, deemed most relevant by the candidate;
- d) Activities of management of science, technology and innovation programmes, or experience in observing and monitoring the scientific and technological, or higher education system, in Portugal or abroad.

5.3— The five-year period mentioned above can be extended by the panel, if requested by the candidate, whenever the suspension of scientific activities is due to parental leave, long-term serious illness, and other legal situations of unavailability to work.

6 — Curriculum Evaluation. This component of the evaluation is expressed on a numerical scale from 0 to 20 taking into account the following criteria.

6.1 — Curricular evaluation criteria are:

6.1.1 - Criteria for the evaluation of the scientific performance in the last five years considered more relevant by the candidate (17 points);

Scientific Production. Quality and number of scientific production in the area of the tender (books, papers in scientific journals, papers presented at conferences) expressed by the number and type of publications, and the recognition given by the scientific community (the quality of the site where it has been published and the references made by other authors);

Coordination and participation in scientific projects. Quality and number of scientific projects in which the applicant has participated in the subject area of the tender, whether financed through public funds of national or international agencies, or by enterprises. The assessment of the quality considers the funding obtained, the degree of difficulty of the funding competition, the expert assessment of the projects and the resulting prototypes, particularly if they led to the development of products or services.

Intervention in the scientific community. Assessing the capacity to intervene in the scientific community, particularly by organizing events, being (co-)editor of journals, participation in the assessment of projects and papers, being invited to give speeches, being a member of academic juris, as well as being recognized through awards or other distinctions and respective impact. It also evaluates the orientation of students in doctoral and post-doctoral work.

6.1.2 - Criteria for assessing the outreach and knowledge dissemination activities developed in the past five years, in particular in the context of promoting culture and scientific practices, considered to be of greatest impact by the candidate (2 points);

Patents, registration and ownership of rights, elaboration of technical regulation and legislation. Patent authorship and co-authorship, records of ownership of intellectual property rights regarding software, mathematical methods and rules of mental activity. Participation in standardization committees and in the drafting of legislative projects and technical regulation. The evaluation of this criterion also considers the resulting economic valuation of patents and intellectual property rights.

Participation in consulting activities, tests and measurements involving the private and/or the public sector. Participation as a former in vocational training courses or technological expertise directed at companies or the public sector. The evaluation of this criterion should also take into account the economic valorisation of research results achieved, measured by the contracts of technology transfer and development that have resulted, and the creation of spin-off companies.

Participation in initiatives to disseminate scientific and technological knowledge in the scientific community (for example organization of congresses and conferences) and to various audiences. Publications to disseminate science and technology. Presentation of lectures and seminars to the general public.

6.1.3 - Criteria for the evaluation of the activities of management of programs of science, technology and innovation, or experience in observing and monitoring the scientific and technological system or higher education, in Portugal or abroad (1 point);

The candidate's participation in activities of scientific, technological and management innovation, or in the observation and monitoring of science and technology or system of higher education, in Portugal or abroad.

6.2 — The score obtained in the curricular evaluation method is expressed in the numeric scale 0 to 20, considering the valuation up to two decimal places.

6.3 — The jury deliberates by vote justified according to the criteria of evaluation, no abstentions are allowed.

6.4 — The classification of each candidate is obtained by averaging the scores of each of the elements of the jury.

In case of a tie, the president of the jury will take the tie-breaker decision.

6.5 — Candidates who obtained a rating of less than 15 points are excluded from the public notice.

7 — Participation of the parties and decision:

7.1 — The final ordering proposal is communicated to the candidates by e-mail for the purpose of their hearing.

7.2 — Following the hearing of the interested parties, the jury apprises the allegations and approves the final ordering list of candidates.

8 — Publication of Public Tender Notice

In addition to being published in Series 2 of the Diário da República the present notice is also published in:

- a) The Public Employment Pool (BEP);
- b) The website of the Foundation for Science and Technology, I.P., in Portuguese and English;
- c) The website of the University of Aveiro, in Portuguese and English;
- d) In a national newspaper.

9 — This tender is intended exclusively for filling the said position and can be terminated at any time until approval of final list of candidate, expiring with the respective filling, valid for a period of 6 months from the date of approval of the final tender ordering list.

10 — In compliance with paragraph h) of Article 9 of the Constitution of the Portuguese Republic, the Government, as the employing entity, actively promotes a policy of equal opportunities of men and women in the access to employment and professional progression, scrupulously taking measures to avoid any form of discrimination.

29 October 2019 — The Rector, *Professor Doutor Paulo Jorge dos Santos Gonçalves Ferreira*.