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English

Português

1. Descrição do cargo/posição/bolsa 1. Job description

Job:

Notice for International Call to hire a PhD Researcher

Job/Fellowship Reference: PTDC/BTM-SAL/31201/2017 - #NOVAID65

Main research field: Not available

Sub research field:

Job summary:

By decision of the Board of Directors, NOVA.id.FCT - Associação para a Inovação e Desenvolvimento da FCT ("NOVA.id.FCT") opens an international call to hire a PhD Researcher, with the internal reference "#NOVAID65", under a unfixed term employment contract to conduct research activities in the field of Microfluidics in the scope of the Project "Integrated Microfluidic Device for cancer detection from free circulating DNA using Digital PCR", reference PTDC/BTM-SAL/31201/2017, financed by "Fundação para a Ciência e Tecnologia, I.P."

Job description:

1. Type of contract and applicable legislation

The hiring of the PhD Researcher shall be made by means of an Unfixed Term Employment Contract entered into in accordance with the Portuguese Labour Code approved by the Law no. 7/2009 of February 12th, as amended. The contract should have a forecasted duration of 30 months, and should not be extended further than the project duration. The contract should begin in April 2019.

The present hiring procedure is further governed inter alia by Decree-law no. 57/2016 of July 19th, as amended by the Law no. 57/2017 of August 29th and Regulatory decree no. 11-A/2017 of December 29th.

2. Main attributions and activities and exclusivity

The PhD Researcher shall be responsible for performing the following tasks: a. Modeling of Microfluidic devices with COMSOL software;
b. Manufacture in clean chamber environment of Microfluidic devices;
c. Deposition of thin films by the techniques of PVD and PECVD for the manufacture of sensors and devices;
d. Carrying out laboratory tests for DNA amplification and detection;
e. Preparation of periodic technical-scientific reports in English on relevant developments in the project;
f. Participation in the dissemination and promotion of the main results of the project.

The PhD Researcher shall fully devote the whole of his/her professional activity to NOVA.id.FCT, on an exclusive basis.

3. Place of work

The PhD Researcher's working place shall be at the premises of Centro de Investigação de Materiais (CENIMAT/I3N) located in Faculty of Science and Technology of NOVA University of Lisbon and he/she shall travel, in Portugal or abroad, as required by his/her attributions or as necessary for his/her activity.

4. Monthly remuneration

The PhD Researcher shall earn a monthly remuneration in the gross amount of €2128.34 by reference to the 1st grade of the salary scale, pursuant to number 2 of Article 15 of Decree-Law no. 57/2016 of 19 July, as amended by Law no. 57/2017 of 29 August, and Regulatory Decree no. 11-A / 2017, of December 29.

5. Admission Requirements

Applicants to this call may be national, foreign or stateless candidates holding a PhD degree in

the field of Materials Engineering; Nanoscience's and Micro and Nanotechnologies; Physics and related areas, and complying with the following specific requirements:

- a. Publications in journals with high impact factor and relevant to the research area of the project;
- b. Experience to work in clean room environment and in the processing techniques indicated in point 2;
- c. Experience in Microfluidics.

6. Evaluation of the Applications and Composition of the Jury

Applications shall be subject to evaluation by a jury that shall follow the procedure established in articles 13 and 14 (by virtue of article 19) of Decree-Law no. 57/2016 of 19 July, as amended by Law no. 57/2017 of 29 August.

Pursuant to Article 13 of Decree-Law no. 57/2016 the jury is composed of the following members:

- Chairwoman: Hugo Manuel Brito Águas;
- Member: Elvira Maria Correia Fortunato;
- Member: Rui Alberto Garção Barreira do Nascimento Igreja;
- Substitute Member: Rodrigo Ferrão de Paiva Martins;
- Substitute Member: Luis Miguel Nunes Pereira.

7. Selection criteria

The selection of the successful candidate will be carried out through the evaluation of the scientific and curricular achievements as established by Decree-Law no. 57/2016 of 19 July, as amended by Law no. 57/2017 of 29 August and the selection criteria and their respective weighting shall be as follows:

- a) CV evaluation (50%);
- b) Experience in the field of the project (50%);
- c) If the jury considers relevant, this analysis will be complemented for selected candidates by an interview. In this case, the quality of the interview will be evaluated in (10%), the CV (45%) and the experience (45%).

8. Final Decision

The final deliberation of the jury shall be homologated by the ultimate governing body of NOVA.id.FCT that is also responsible for the decision of hiring. .

The list of admitted and excluded candidates and the final list of classification will be publicised on the website of NOVA.id.FCT (www.novaidfct.pt) and sent by electronic mail with receipt of delivery to all candidates. .

9. Submission of Applications

Applications must be submitted between 01/03/2019 to 15/03/2019 by email, addressed to hma@fct.unl.pt and containing a single PDF file with the following documents in Portuguese or English languages:

- a. Motivation letter;
- b. Curriculum Vitae;
- c. PhD Certificate;
- d. Identification document;

10. Non-discrimination and equal access policy

NOVA.id.FCT actively promotes a non-discrimination and equal access policy, reason for which no candidate can be benefited, prejudiced or deprived of any duty, namely age, sex, disability, sexual orientation, chronic illness, nationality, ethnic origin or race, religion or political beliefs.

Vacant posts: 1

Type of contract: Information not available

Job country: Portugal

Job city: Caparica

Job company/institute: NOVA.id.FCT - Associação para a Inovação e Desenvolvimento da FCT

Application deadline: 15 Março 2019

(The Application's deadline must be confirmed on the Job Description)

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2. Dados de contactos da organização 2. Organization contact data

Organization/institute: NOVA.ID.FCT - Associação para a Inovação e Desenvolvimento da FCT

Address:

Universidade Nova de Lisboa - Campus de Caparica
Caparica - 2829-516
Portugal

Email: coord@novaidfct.pt

Website: <http://www.novaid.fct.unl.pt/>

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3. Habilitações académicas
3. Required education Level

Empty

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4. Línguas exigidas
4. Required languages

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5. Experiência exigida em investigação
5. Required research experience

Empty

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