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### Post Research Opportunities

Unique identifier:

English Portuguese

#### 1. Descrição do cargo/posição/bolsa

##### 1. Job description

#### Job:

Notice for International Call to hire a PhD Researcher

**Job/Fellowship Reference:** PTDC/CTM-COM/32606/2017- #NOVAID35

**Main research field:** Engineering

**Sub research field:** Biomaterial engineering

#### 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 "#NOVAID35", under a unfixed term employment contract to conduct research activities in the field of Tissue Engineering/ Biomaterials/ Biochemistry in the scope of the project NEURITES: NEUral Regeneration with conductivE Scaffolds, reference PTDC/CTM-COM/32606/2017, 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 forecast duration of 30 months, and should not be extended further than the project duration. The contract should begin in March 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 November 29th.

##### 2. Main attributions and activities and exclusivity

The PhD Researcher will participate in research activities within the NEURITES project. These include: the chemical polymerization of conductive polymers; the production by electrospinning of polymeric scaffolds comprising aligned sub-micrometric fibres and their physical (morphology and conductivity, among others), chemical (structure and degradation rate) and biologic (cytotoxicity, cell adhesion and proliferation, differentiation of stem cells and blood-derived macrophages phenotyping) characterization; electrical stimulation of cells through conductive scaffolds. Other activities comprise the production and characterization by NMR of ionic liquids, supervision of students and the participation in the preparation and management of the laboratory resources.

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 Faculty of Science and Technology located in Monte de Caparica, Almada, 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 €2.128,34 by reference to the 1st grade of the salary scale of the category 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 Tissue Engineering/ Biomaterials/ Biochemistry or related area and complying with the following specific requirements:

- a. Knowledge and experience in the processing of biomaterials;
- b. Knowledge and experience in the culture of animal;
- c. Experience in writing and oral presentation of scientific results;
- d. Knowledge of the English language at least at the ILR 3/CEFR C1 level.
- e. Availability to start working immediately.

##### 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: Célia Maria Reis Henriques;

- Member: João Paulo Miranda Ribeiro Borges;
- Member: Marta Cristina Parracho Caçado Corvo;
- Substitute Member: Jorge Alexandre Monteiro de Carvalho e Silva;
- Substitute Member: Paula Alexandra Quintela Videira.

### 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:

- Motivation letter, namely in what concerns to the motivation for participating in this project (20%);
- Curriculum Vitae, namely the relevance of the academic degrees, professional experience and quality and impact of the publications regarding the work to be performed. Experience with conductive polymers, ionic liquids, electrospinning, immunocytochemical staining, differentiation of stem cells and activation/ phenotyping of macrophages will be valorized (60%);
- Reference letter(s) (10%);
- Interview aimed at clarifying aspects related to research results, for which the 3 best candidates, according to the previous criteria, will be called, provided they achieved a rating above 60% in the above-mentioned criteria, (10%).

### 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](http://www.novaidfct.pt)) and sent by electronic mail with receipt of delivery to all candidates.

### 9. Submission of Applications

Applications must be submitted between the 7th January 2019 and the 25th January 2019, by email, addressed to Célia Maria Reis Henriques, [crh@fct.unl.pt](mailto:crh@fct.unl.pt), and containing the following documents written in English and in pdf format:

- Motivation Letter,
- Curriculum Vitae,
- Reference letters,
- PhD certificate.

### 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.

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**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

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**Application deadline:** 25 Janeiro 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](mailto: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

**Empty**

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#### 5. Experiência exigida em investigação 5. Required research experience

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