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### Post Research Opportunities

Unique identifier:

English

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

##### Job:

Notice for International Call to hire a PhD Researcher

**Job/Fellowship Reference:** PTDC/NAN-MAT/30589/2017 - #NOVAID50

**Main research field:** Chemistry

**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 "**#NOVAID50**", under a unfixed term employment contract to conduct research activities in the field of Chemistry in the scope of the R&D Project "NANOMODE - Gold nanoparticle-based molecular detection of metabolic diseases - PTDC/NAN-MAT/30589/2017, financed by "Fundação para a Ciência e Tecnologia, I.P." / OE.

##### 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 12<sup>th</sup>, as amended. The contract should have a forecasted duration of 18 months, and should not be extended further than the project duration. The contract should begin in May 2019.

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

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

The PhD Researcher shall apply oligonucleotide-functionalized gold nanoparticles to the detection of specific nucleic acid sequences, present in patient samples, and optimize this assay in view of the creation of a laboratory prototype.

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 UCIBIO located in Faculdade de Ciências e Tecnologia da Universidade NOVA de Lisboa, Monte de Caparica, Almada, Portugal 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 1<sup>st</sup> 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 Chemistry or related areas and complying with the following specific requirements:

- a. Solid experience in Bionanotechnology;
- b. Previous experience in biofunctionalization of nanoparticles.

## 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:

- Chairman: Ricardo Franco (Professor Auxiliar com Agregação da Faculdade de Ciências e Tecnologia da Universidade do Nova de Lisboa);
- Member: Eulália Pereira (Professora Auxiliar com Agregação da Faculdade de Ciências da Universidade do Porto);
- Member: Maria Gabriela Almeida (Professora Associada da Cooperativa de Ensino Superior Egas Moniz);
- Substitute Member: Cristina Costa (Professora Auxiliar da Faculdade de Ciências e Tecnologia da Universidade do Nova de Lisboa);
- Substitute Member: Jorge Lampreia (Professor Auxiliar da Faculdade de Ciências e Tecnologia da Universidade do Nova de Lisboa).

## 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) Solid experience in Bionanotechnology (30%);
- b) Previous experience in biofunctionalization of nanoparticles (60%);
- c) Quality of the Interview (10%).

The interview will be done only to the candidates with classification higher than 85% in the first two criteria.

## 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 06/02/2019 and 19/02/2019, by email, addressed to [ricardo.franco@fct.unl.pt](mailto:ricardo.franco@fct.unl.pt) and containing a single PDF file with the following documents in Portuguese or English languages:

- i) Curriculum vitae;
- ii) Motivation letter;
- iii) PhD certificate;
- iv) Other relevant documents.

## 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.

Caparica, 04 de Fevereiro de 2019.

**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:** 19 Fevereiro 2019  
(The Application's deadline must be confirmed on the Job Description)[↑ Top of page](#)**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/>[↑ Top of page](#)**3. Habilitações académicas**  
**3. Required education Level****Empty**[↑ Top of page](#)**4. Línguas exigidas**  
**4. Required languages****Empty**[↑ Top of page](#)**5. Experiência exigida em investigação**  
**5. Required research experience****Empty**[↑ Top of page](#)