

English version

THE RESEARCHER'S MOBILITY PORTAL • PORTUGAL



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### Post Research Opportunities

Unique identifier: 80f7cedf-a40c-40af-8c0c-671615e8516e

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/CTA-PAL/31656/2017 - #NOVAID41

**Main research field:** Earth and Atmosphere Sciences

**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 "#NOVAID41", under a unfixed term employment contract to conduct research activities in the field of Paleontology in the scope of the project *PTDC/CTA-PAL/31656/2017 - "XTalEggs - Applying microtextural analysis and geochemistry to explore phylogeny and functional adaptation in archosaurian eggshells"*, 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 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 is expected to 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 shall be:

- ? Doing palaeontological surveys of new fossil materials.
- ? Visiting collections both in Portugal and abroad to examine eggshell specimens.
- ? Collect and prepare samples of fossil and modern archosaur eggshells for EBSD, AFM and Geochemical analysis.
- ? Acquire and process data about the crystallographic architecture, physical properties and bio and geochemical composition of archosaur eggshells.
- ? Contribute and lead the discussion and elaboration of high-quality scientific publications based on the analytical results.
- ? Contribute to the dissemination of the results of the research team in scientific meetings, and collaborate and lead outreach and dissemination activities to the general public.
- ? Laboratorial maintenance and training

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 Faculdade de Ciências e Tecnologia, FCT located in Caparica, 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 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 Earth Sciences, Paleontology, Mineralogy or Material Sciences and complying with the following specific requirements:

- a. Experience in the use of Advanced microscopic techniques /namely EBSD and AFM) proved by published manuscripts in SCI journals.
- b. Experience in working with multidisciplinary teams
- c. Fluent in written and spoken English.

#### 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: Miguel Moreno Azanza
- Member: Octávio Mateus
- Member: Rute Coimbra
- Substitute Member: José Carlos Kullberg;
- Substitute Member: Eduardo Puértolas Pascual.

#### 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) Author contributions in peer review journals in the last 5 years(50%);
- b) Experience in the use and applications of Electron Backscattered Diffraction, Atomic Force Microscopy, Raman Microscopy and Geochemical Analysis (40%);
- c) *Quality of the Interview (10%)*.

The interview will be done only to the candidates with classification higher than 70 % 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 16/01/2019 and 13/02/2019, by email, addressed to [mmazanza@gmail.com](mailto:mmazanza@gmail.com) and containing a single PDF file with the following documents in Portuguese or English languages:

- ? Cover letter, justifying the interest on our project and possible synergies with your past and present line of research.
- ? Short curriculum vitae with emphasis in the most relevant publications of the last 5 years, and experience in the use of analytical tools in the field of biomineralization, (to be supported by published works where these techniques are applied).

? Two recommendation letters.

### 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:** 13 Fevereiro 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

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### 4. Línguas exigidas 4. Required languages

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

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