

NOTICE OF COMPETITION TO A RESEARCH POSITION

Title: PhD Research Position – 1 vacancy

References: BID/ISOplexis: CASBio/2017

Research Position: CEMAP

The Center for Genetic Resources: ISOplexis Genebank, research unit of the University of Madeira, developing activity in the domain of bio-sustainability, scientific area of Agriculture, Food and Sustainability, is recruiting 1 dynamic PhD researcher to join the team of project: **CASBio. Evaluation and monitoring of Agrobiodiversity and Sustainability of Agrosystems in the new climatic scenarios, contract: M1420-01-0145-FEDER-000011**, co-funded by the European Regional Development Fund (ERDF) through the Madeira Operational Program 14-20 of the Autonomous Region of Madeira, research position: CEMAP.

I. Scientific Areas: Agriculture, Food and Sustainability.

- **Subarea:** Genetic Resources for Food and Agriculture (GRFA)
- **Position:** CEMAP, Characterization, Evaluation and Monitoring of Agrosystems Productivity

II. Admission requirements: PhD in Agrarian Sciences, Geographical Engineering or Biological Sciences, with research experience in one of the following topics:

1. **ASSESSMENT AND MONITORING OF AGROSYSTEMS AND ITS PRODUCTIVE POTENTIAL**
2. **MODELING APPLIED TO AGROSYSTEMS AND CROP RESOURCES**

Preferential requirements for candidate's selection are: detain research expertise in the fields of the agrosystems, its genetic resources and related thematic areas (topics); research experience and experience in the use of digital tools for agrosystems evaluation, management and modulation; publications in the field; identification with the CASBio and BG ISOplexis work programs; and immediate availability to become part of research team.

The selected candidates will integrate the research team of the project in accordance with the unit's regulations.

III. Working Plan:

Selected candidate will be engaged in the development of research in the framework of the following subproject:

- **Agrosystems.** Evaluation and monitoring of agro-systems and environmental conditions, with determination of their state and resilience.

Cofinanciado por:

Additionally research could participate and cooperate, with research team in the following CASBio subprojects:

- **Indicator Crops.** Evaluation and characterization of the behavior of indicator cultures in relation to the stress factors associated with climate change.
- **Bioeconova.** Evaluation of bioresources and technology development to promote the sustainability, food security and mitigation of global changes in agriculture and bioeconomy.

The admitted doctorate will be invited to cooperate with the BG ISOPlexis coordinate and other PhD members in the subprojects team supervision unit.

IV. Applicable legislation and regulation: Portuguese Law N^o. 40/2004, of August 18th (Statute of the Scientific Research Fellow); Research Grants Regulation of the Foundation for Science and Technology, I. P. and Regulation of Fellowships of the University of Madeira.

V. Work place: The work will be develop at Banco de Germoplasma ISOPlexis, University of Madeira, Campus da Penteada, 9020-105 Funchal, Madeira, Portugal, under the scientific coordination of Professor Miguel Ângelo Almeida Pinheiro de Carvalho.

VI. Duration of the scholarship: the scholarship will last for 12 months, possibly renewable up to 36 months.

VII. Amount of the monthly maintenance allowance: The amount of the scholarship corresponds to € 1495+voluntary social insurance, according to the table of values of the grants awarded directly by FCT, I.P. in the country (<http://www.fct.pt/apoios/bolsas/valores>). The grantees will also have the right to personal accident insurance.

VIII. Selection methods: The selection procedure to be used will include curricular evaluation and, if necessary, interview, with the following assessment:

- Academic training (30%)
- Professional experience in the area of interest of the project (25%)
- Technical and research skills relevant to project implementation (25%)
- Scientific production and indicators of R & D intensity (20%)

IX. Selection Jury: A jury composed of Miguel Ângelo Almeida Pinheiro de Carvalho (President), Manhaz Khadem, David Horta Lopes (effective members) and Jan Slaski (alternate member) will carry out the selection of the candidates.

X. Results disclosure: The admission lists as well as the results of each selection method and final ordering lists will be disclosed on the page of the Human Resources Unit - University of Madeira in

Cofinanciado por:

<http://urh.uma.pt/>, being the candidates notified by email.

XI. Deadline and submission of applications:

a) Applications can be submitted within 10 working days of the announcement of the public notice;

b) The applications must be submitted together with the following documents:

- Application letter expressing the motivation;
- Detailed curriculum vitae;
- Certificate of qualifications;
- Other supporting documents considered relevant for the position to which they are applying.

c) Applications must be submitted in person from 9 am to 12:30 p.m. and from 2 p.m. to 5:30 p.m. at the Human Resources Unit of the University of Madeira, located at the Colégio dos Jesuítas, Rua dos Ferreiros, 9000-081 Funchal, or by post to the same service and address and also by email to nucleo.bolseiro@mail.uma.pt, addressed to the President of the Jury, with reference of the Grant in the subject.

Cofinanciado por: