

Modelo 3_BIUTAD

Selection of rhizobia and arbuscular mycorrhizal fungi for improving legume productivity and soil fertility

Research grant for masters, one vacancy

REFERENCE: BI/FP7/KBBE/2013/PC0062_CB

It is available one research grant for masters, within the project EuroLegume (FP7-KBBE-2013-7 Grant Agreement nº 613781) from the Universidade de Trás-os-Montes e Alto Douro, Portugal, funded by the 7th Research Framework Programme (FP7) of the European Commission, under the following conditions:

Scientific area:

Biological Sciences

Admission prerequisites:

- 1- The candidate should hold a Master Degree in Biotechnology, Molecular Genetics, Agronomy, Biochemistry, Microbiology, or similar.
- 2 – Fluency in English.

Workplan:

The candidate will participate actively in the tasks defined in the EuroLegume project related with the microbial symbioses of legumes. Research will focus on the selection of rhizobia and arbuscular mycorrhizal fungi for improving nitrogen fixation and plant growth; phylogenetics and molecular markers of microbial strains and development of new commercial inoculants. These will be achieved by laboratory, greenhouse and field assays.

Legislation and regulations:

Law N.º 40/2004, of August 18 (Status of Scientific Research Fellow); Regulation Research Grant from the Foundation for Science and Technology, IP - 2013 (<http://www.fct.pt/apoios/bolsas/regulamento.pthtml>) and Research Grant Regulation from the University of Trás-os-Montes e Alto Douro - Order RT.36/2011, July 6, Mr. Rector, published in the Official Gazette by Order No. 9157/2011 (Series II) of 19 July.

Workplace:

Work will be conducted at the Universidade de Trás-os-Montes e Alto Douro under the supervision of Prof. Guilhermina Marques. Universidade de Trás-os-Montes e Alto Douro is located at Vila Real, Portugal.



Grant Duration:

Grant duration is 12 months, starting at April/May 2014, may be renewed up to a maximum of 48 months, in accordance with current legislation.

Monthly maintenance grant:

The grant corresponds to 980 euros/month according to the FCT payment table in Portugal (<http://alfa.fct.mctes.pt/apoios/bolsas/valores>). Payment is done on a monthly basis through bank deposit, cheque or other equivalent way.

Candidates selection criteria:

The selection methods to use will be the following:

- 1- Master mark (scale 0 to 20 values);
- 2- Relevance of the Curriculum vitae for the work to be done (scale 0 to 20 values);
- 3- Experience in microbiology and/or molecular biology (scale 0 to 20 values);
- 4- Interview of the candidates in the case they are tied.

Candidates will be sorted in a scale from 0 to 20 values, with rounding to the first decimal place and using the following weights for the selection criteria: Master mark (40 %); Relevance of the CV for the work to be done (40 %); Experience in microbiology and/or molecular biology (20 %).

Jury Composition: Prof. Guilhermina Marques (President), Prof. Isaura Castro (effective vowel), Prof. Henrique Trindade (effective vowel).

Results publication/ Candidates notification:

The final results will be made available publicly in a sorted list according to candidates marks. The list will be placed in a visible and public place at CITAB office (building P2 - UTAD). The best candidate will be informed by e-mail and official letter.

Application deadline and method::

Applications will be received from March, 24 to April, 4, 2014.

The documents for the application are the Application Form Mod4_BIUTAD, a motivation letter, the curriculum vitae, copy of official academic degree certificates, a certificate containing the marks of the disciplines completed during the BSc. and Master and any other documents that the candidate may find relevant.

The form *Mod4_BIUTAD-Application Form for Fellowship* should be requested using the e-mail vr_cti@utad.pt from Vice-Rector for Science, Technology and Innovation.

The applications should be sent by email to Prof. Guilhermina Marques, gmarques@utad.pt

