



MED – Mediterranean Institute for Agriculture, Environment and Development

Master (MSc) Research scholarship – 1 position

February 18th, 2022

A call for tenders is open for one Master (MSc) Research Scholarship, registered in a cycle of studies or course not awarding a degree, within the scope of the project ECO-PIG - Development of an innovative feed mixture for outdoor finishing of males from local pig breeds, to benefit meat quality and production system sustainability, POCI-01-0247-FEDER-072226, financed by national funds through European Regional Development Fund (ERDF) through COMPETE – Competitiveness Factors Operational Program (POFC), under the following conditions:

1. Scientific area: Animal and dairy sciences

2. Admission requirements: Master of Science in Biochemistry, Biomedical Sciences, Animal Production Engineering or similar areas, with inscription in PhD programs, or courses not leading to a degree. In ordering candidates, preference will be given to candidates with: 1) Experience on techniques and molecular analyses in animal tissues (preferential factor); 2) Experience in laboratory work; 3) Ability and autonomy to study and implement new laboratory techniques; 4) Driving license and own vehicle.

As set forth FCT Research Scholarship Regulation No. 950/2019 of December 16, 2019, article 3 and 6, candidates for “BI” must comply as a rule condition for the award of the scholarship, the effective inclusion in study cycles leading to the attribution of academic degrees or in courses not leading to an academic degree. Courses that do not confer an academic degree correspond to the courses provided for in subparagraph e) of paragraph 3 of article 4 of Decree-Law No. 74/2006 of 24 March and must be developed in a higher education institution in association with at least one R&D unit, including a course plan in one or several research areas of the unit.

3. Work plan:

The candidate must perform the following functions:

- Laboratory: Conducting molecular biology analyzes in various animal tissues (Activity 2.3), namely:

- Extraction and quantification of total RNA from animal tissues (muscle and fat);
- RNA reverse transcription techniques analyses;
- Real-time PCR and conventional PCR analyses;
- Bioinformatic analysis of the sequencing results and selection of genes with influence in terms of reproduction and meat quality;
- Use of specific cloning techniques.

- Collaboration in the dissemination, communication and exploitation of project results.

4. **Applicable legislation and regulations:** The granting of the Research Scholarship will be carried out upon the signing of a contract between the University of Évora and the scholarship holder, as set in the template https://www.fct.pt/apoios/Minuta_Contrato_Bolsa.docx, pursuant to the Research Scholarship Statute (Law No. 40/2004 of August 18 and Decree-Law No. 123/2019 of August 28) and in accordance with the legislation and Regulation of Research Grants of the Foundation for Science and Technology, IP in force, regulation nº950/2019 of December 16, 2019: <https://www.fct.pt/apoios/bolsas/regulamento.phtml.pt> and other applicable rules.

5. **Place of work:** The functions will be carried out at the Herdade Experimental da Mitra, University of Évora, Valverde, at the Laboratory of Nutrition and Metabolism and Laboratory of Plant Virology of MED, Mitra, University of Évora, under the scientific guidance of the Professor/Doctor José Manuel Martins. Short stays at the Polytechnic Institute of Coimbra may also be necessary.

6. **Duration of the scholarship:** The scholarship will have a duration of 9 months, starting on may of 2022.

7. **Amount of monthly maintenance allowance:** The amount of the scholarship corresponds to €1 144,64, according to the table of scholarships awarded directly by FCT, I.P. in Portugal (<http://fct.pt/apoios/bolsas/valores>), payments being made monthly, by check or bank transfer.

8. **Selection methods:**

The selection will be made based on the candidates' curriculum evaluation and will take into account the merits of the candidates, considering the academic background, the average degree and master's degree, the curriculum profile, the experience in laboratory work and techniques, experience in laboratory procedures scope of molecular biology, experience in scientific research relevant to the project in question and scientific publications in the area, as well as a good knowledge of English at written and oral level. Ownership of driving license and own vehicle will be valued. In the event of a tie between the top two finishers or if deemed necessary by the jury, an interview will be held.

$$\text{Final Score}^1 = 50 (P) + 30 (H) + 15 (I) + 5 (C)$$

¹Where: Curriculum profile [P]; Literary qualifications [H]; Knowledge of the English language [I]; Driving license [C].

The classification of the interview, if the jury deems it necessary, will give rise to a grade ranging from 0 to 20 values, which will be added to the final value obtained by the formula described above, thus defining the ranking of candidates.

Curriculum profile (max. 50):Academic curriculum (max. 7)

Postgraduate course (in the area) (> 1) - 5

Postgraduate course (in the area) (= 1) - 3

Course > 30 h (in the area) (> 1) - 2

Course > 30 h (in the area) (= 1) - 1

No courses (in the area) - 0

No experience - 0

Publications in international ISI/SCOPUS or national indexed journals with review (max. 20)

International article (> 1) (in the area, 1st author) - 10

International article (= 1) (in the area, 1st author) - 6

International article (> 1) (in the area, ≥2nd author) - 4

International article (= 1) (in the area, ≥2nd author) - 3

International article (> 1) (1st author) - 2.5

International article (= 1) (1st author) - 2

International article (> 1) (≥2nd author) - 1.75

International article (= 1) (≥2nd author) - 1.5

National article (> 1) (in the area, 1st author) - 1

National article (= 1) (in the area, 1st author) - 0.75

National article (> 1) (in the area, ≥2nd author) - 0.75

National article (= 1) (in the area, ≥2nd author) - 0.5

No articles - 0

Work in Congresses and others alike (max. 8)

Publication/poster in Proceedings or Books of Abstracts - International Congress (in the area) (> 1) - 5

Publication/poster in Proceedings or Books of Abstracts - International Congress (in the area) (= 1) - 3

Publication/poster in Proceedings or Books of Abstracts - National Congress (in the area) (> 1) - 3

Publication and poster in Proceedings or Books of Abstracts - National Congress (in the area) (= 1) - 1

No publications and posters - 0

Research experience in the project area (max. 15)

> 1 year - 15

<1 year - 8

Literary Qualifications (max. 30):Graduation:

Final grade = 10 - 5.0

Final grade = 11 - 6.0

Final grade = 12 - 7.0

Final grade = 13 - 8.0

Final grade = 14 - 9.0

Final grade = 15 - 10.0

Final grade = 16 - 11.0

Final grade = 17 - 12.0

Final grade = 18 - 13.0

Final grade = 19 - 14.0

Final grade = 20 - 15.0

Master's degree:

Final grade = 10 - 5.0

Final grade = 11 - 6.0

Final grade = 12 - 7.0

Final grade = 13 - 8.0

Final grade = 14 - 9.0

Final grade = 15 - 10.0

Final grade = 16 - 11.0

Final grade = 17 - 12.0

Final grade = 18 - 13.0

Final grade = 19 - 14.0

Final grade = 20 - 15.0

Knowledge of English (max. 15):

I = 15, level C of the Common European Framework of Reference with IELTS or TOEFL diploma

I = 7, level B of the Common European Framework of Reference with 1st Certificate diploma

I = 3, level A of the Common European Framework of Reference without a diploma

I = 0, does not have or does not have a diploma

Driving license (max. 5):

C = 5, with license and own car

C = 0, no licence

9. Composition of the Selection Jury:

José Manuel Mota Ruivo Martins, Prof. Auxiliar at University of Évora, as President of the Jury; Rui Miguel Carracha Charneca, Prof. Auxiliar at University of Évora, as effective-Vogal, José Alberto Feijão Macedo Neves, Prof. Auxiliar at University of Évora, como effective-Vogal, Miguel Nuno Geraldo Viegas dos Santos Elias, Prof. Auxiliar at University of Évora, as substitute member and Amadeu António Gomes Borges de Freitas, Prof. Auxiliar at University of Évora, as substitute member.

10. Advertising/notification of results: The final results of the evaluation will be publicized, through an ordered list by final grade obtained or otherwise or other posted in a visible and public place from Department of Zootechny at the University of Évora, being the candidate (a) approved notified through email.

To ensure the right of prior hearing of interested parties, the Final Classification project will be announced by any written means to all interested parties.

After communicating the provisional list of the results of the evaluation, candidates have a period of 10 working days to express their opinion in a preliminary hearing of interested parties.

11. Application deadline and submission of applications: The tender is open from february 21 to march 8, 2022 and the results of the selection will be published by march 17, 2022

Applications must be formalized, obligatorily, by sending an application letter with the following documents:

Detailed Curriculum Vitae, with a description of the classifications obtained in the subjects of the respective courses and final classification; Copy of qualifications certificates, as well as other documents proving competences described in the CV considered relevant for the application.

For the purposes of application, the evidence may be replaced by a declaration of honor signed by the candidate, but the failure to demonstrate that evidence, in the contracting phase, possession of the required degree on the deadline for application or the non-presentation of proof of enrollment in the study cycle or non-degree course, for scholarships with this component, imply the cancellation of the candidate's application.

Academic degrees obtained in foreign countries require registration by a Portuguese Institution in accordance with Decree-Law no. 66/2018, of August 16 and Ordinance No. 33/2019, of January 25th.

The presentation of the certificate is mandatory for the signing of the contract. More information can be obtained at: <https://www.dges.gov.pt/pt/pagina/recognition?plid=374>

Applications must be sent by email and include the following reference in the “Subject” field:
Projeto ECO-PIG REF.ª72226 / UÉ Mestre 3

to:

Prof. José Manuel Mota Ruivo Martins

Department of Zootechny of the University of Évora

email: jmartins@uevora.pt

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