



MED – Mediterranean Institute for Agriculture, Environment and Development

Scholarship for a Master degree holder – 1 vacancy

Ref. ALVIGEN

9th December 2022

A call for tenders is open for one Scholarship for a master degree holder within the scope of the project ***“ALVIGEN: Creation of a hub in the Alentejo Region for the GENomic Vigilance of diseases in agriculture*** ref. PD21-00081, financed by the "La Caixa" Foundation, in collaboration with BPI and in partnership with the Foundation for Science and Technology (FCT), under the scope of the initiative "Call for Proposals for Mobilizing R&D Projects", of the Programme Promove 2022" under the following conditions

Scientific area: Agricultural Sciences or related

Admission requirements:

Master's degree in Agricultural Sciences or related.

Laboratory research experience with molecular technologies, endpoint and quantitative PCR.

Experience in sequence analysis.

Experience in New Generation Sequencing, analysis of metagenomics and RNA seq results.

Knowledge on using bioinformatics techniques.

As set forth FCT Research Scholarship Regulation No. 950/2019 of December 16, 2019, article 3 and 6, candidates for **“BI”** (Research Grants) 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.

Work plan:

The Work Plan for this research fellowship consists of:

- 1 –Extraction of DNA and RNA from microorganisms.
- 2 – Evaluation, quantification and analysis of nucleic acids.
- 3 – Endpoint and real-time PCR amplification.
- 4 – Bioinformatic analysis of sequences.

5 - Statistical analysis of the results.

6 - Writing of articles for dissemination of the results obtained

The final goal of this work is the molecular characterization of fungal isolates and evaluation of symptoms caused by these microorganisms in fruits.

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.

Place of work: The work will be developed at Laboratory of Plant Virology, MED, of the University of Évora, under the scientific guidance of the Professor Maria do Rosário Félix.

Duration of the scholarship(s): The scholarship will have a duration of 6 months, starting on February 2023. The scholarship contract may be renewed until the end of the funding project's budget allocation.

Amount of monthly maintenance allowance: The amount of the scholarship corresponds to 1144,64€, 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.

Selection methods: The selection methods to be used will be the following:

- Curriculum evaluation 30%
- Interview 40%
- Research experience in molecular biology 30%

Composition of the Selection Jury:

- President: Professor Maria do Rosário Félix
- Full member: Doctor Carla Marisa Reis Varanda
- Full member: Doctor Patrick José de Queiroz Materatski
- Substitute member: Doctor Maria Doroteia Murteira Rico da Costa Campos
- Substitute member: Master Mariana Cardoso Patanita

Advertising/notification of results: The final results of the evaluation will be publicized, through an alphabetically ordered list posted in a visible and public place belonging to MED, being the candidate 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.

Application deadline and submission of applications: The tender is open from 12th December to 27th December of 2022 and the results of the selection will be published by 10th January 2023.

Applications must be formalized, obligatorily, by sending an application letter with the following documents: Curriculum Vitae, certificates of qualifications, two recommendation letters and one motivation letter.

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 to:

Professor Maria do Rosário Félix
MED, University of Évora
email: mrff@uevora.pt

