



University of Évora – HERCULES Laboratory

Announcement for the attribution of a Research Grant to a Doctoral Fellow

1 position

19 of July of 2022

A call for tenders is open for one Scholarship for a Researcher with a concluded PhD within the scope of the project “LORVAO: Books, rituals and space in a Cistercian nunnery. Living, praying and reading in Lorvão, 13th – 16th centuries”, reference PTDC/ART-HIS/0739/2020, financed by national funds through the FCT/MCTES, under the following conditions:

Scientific area: Chemistry, Biochemistry, Conservation Sciences, Science for the Arts, Material Sciences, or related areas related to the material characterization of Illuminated Manuscripts.

Admission requirements:

A doctorate in one of the areas mentioned in the "Scientific Area" is considered a priority factor in the classification of curricular units in the areas of examination and analysis methods (e.g. Hyperspectral analysis, XRF, FTIR-ER, UV-Vis-NIR-FORS, Raman Spectroscopy, IV Reflectography), and the history and techniques of artistic productions (production of illuminated manuscripts).

Regarding the “BIPD” (postdoctoral scholarship), in terms of the requirements to be verified for their attribution (article 7 of the FCT Research Grant Regulation no. 950/2019) the need for a doctoral degree to have been obtained in the 3 years prior to the date of submission of the application to the scholarship and, in terms of its execution, the fact that it can only be renewed for a maximum period of 3 years.

Work plan:

The Pos-doc researcher will participate in the LORVAO project as a researcher at the University of Évora and will participate in the task of material characterization of a set of illuminated manuscripts belonging to the Fundo do Lorvão produced in the 12th-17th centuries, through in-situ analyzes (hyperspectral analysis, XRF, FTIR -ER, UV-Vis-NIR-FORS, digital microscopy, IR reflectography), result treatment (chemometric analysis) and colour mapping analysis. He/She will also work on the production of a database of Raman spectra and FORS spectra of historical dyes, with a view to creating a chemometric model to be used in the study of dyes existing in the manuscripts object of study of the project.

Thus, it is expected that the Pos-doc researcher will contribute actively and be committed to:

- Preparation of historical reproductions of pigments and dyes based on Medieval-Renaissance treaties/recipes (mock-ups) to optimize the analytical methodologies to be used;
- Preparation of in-situ missions for manuscript analysis;
- In-situ analysis of selected manuscripts;
- Analysis of micro-samples collected within the scope of in-situ missions;
- Data analysis and processing;
- Input of data resulting from the material analysis of Lorvão's manuscripts in the LORVAO project's Database;
- Active participation in dissemination activities for the LORVAO project, namely in the organization of workshops and lectures taking place within the scope of the project.

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 the HERCULES Laboratory of the University of Évora, under the scientific guidance of the Doctor Catarina Miguel.

Duration of the scholarship: The scholarship will have a duration of 6 months, starting at the beginning of September. The scholarship contract may be renewed up to a maximum of 24 months.

Amount of monthly maintenance allowance: The amount of the scholarship corresponds to €1686, 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 will be made through curricular evaluation, based on the following percentage weighting:

- a) Experience as described in “Admission requirements” (maximum 60 points)
- b) Adequacy of the scientific area of specialization (maximum 20 points)
- c) Scientific production (scientific articles, oral or panel communications presented at national and international conferences) (maximum 20 points)

The selection board may decide to interview the candidates to more objectively assess some of the criteria. In this case, the interview will correspond to 40% and the total evaluation obtained in the sum of evaluation criteria a, b and c will correspond to 60%.

Composition of the Selection Jury:

President: Doctor Catarina Pereira Miguel Cabral

1st Member – Prof. Doctor Ana Teresa Caldeira

2nd Member – Professor Doctor António Candeias

1st Alternate – Prof. Dr Antónia Fialho Conde

2nd Alternate – Doctor Catarina Fernandes Barreira

Advertising/notification of results:

The final results of the evaluation will be publicized, through an ordered list by final mark obtained in the selection by the jury and posted in a visible and public place of the HERCULES Laboratory, Vimioso Palace, Évora. All candidates will be notified of the final result by 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 20th of July 2022 to 3 of August 2022 and the results of the selection will be published by 15th of August of 2022.

Applications must be formalized, obligatorily, by sending an application letter with the following documents: Curriculum Vitae, certificate of qualifications, reference or recommendation letters and other supporting documents considered relevant.

For the purposes of the application, the evidence may be replaced by a declaration of honour 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:

Doctor Catarina Miguel

Laboratório HERCULES da Universidade de Évora

e-mail: cpm@uevora.pt