

Open Call for a Research Fellowship under the Project PTDC/BIA-BIO/4693/2021

The Instituto Gulbenkian de Ciência (IGC) is welcoming applications to a Research Fellowship within the project PTDC/BIA-BIO/4693/2021, entitled: “Mechanisms of life and death of infected flies” financed by Fundação para a Ciência e a Tecnologia (FCT), with the following conditions:

1. Duration The fellowship duration according to the IGC Research Fellowship Regulation approved by FCT (<https://gulbenkian.pt/ciencia/wp-content/uploads/sites/47/2022/06/2021-Regulamento-de-Bolsas-IGC.pdf>) is 8 months. The fellowship contract is expected to start by October 2022, under the exclusiveness regime as required by Research Fellowship Regulation of Fundação para a Ciência e Tecnologia, IP (FCT).

2. Subject of Activities: The successful candidate will determine the genetic bases and their associated physiological mechanisms in populations of *Drosophila* adapted to oral or systemic bacterial infections with *Pseudomonas entomophila*, using Pool-Seq and subsequent validation with RNAi. To initiate a new round of selection on these populations, exposing them to a second pathogen and determine the extent to which multiple consecutive pathogens shape host genome and physiology (as above).

3. Scientific Guidance: The selected candidate will join the Evolution and Development Lab (<https://gulbenkian.pt/ciencia/research-groups/esucena/>) headed by Dr. Élio Sucena.

4. Academic Profile and Admission Requirements: Master’s degree in Evolutionary Biology, Developmental Biology or Biomedicine.

Additionally, we will prefer candidates with:

- i) Proficiency in R;
- ii) Experience in statistical analysis;
- iii) Experience in experimental evolution and genomics will be valued;
- iv) Capacity to work both independently and as a part of a team are required;
- v) Good communication skills, including a good level of spoken and written English, which would enable a good communication and work in an international setting, are necessary;
- vi) High commitment and a collaborative attitude are needed for this job;
- vii) Troubleshooting capacity and attention to detail are extremely important;
- viii) High degree of initiative and rigor.

According to article 3, point 2 of IGC Research Fellowship Regulation, the selected candidate must be enrolled in a PhD program or in another non-academic degree course integrated in the educational project of a higher education institution.

If the qualification has been conferred by a foreign higher education institution it must be recognized by a Portuguese higher education institution, under the terms of the provisions of article 25.º of Decree-Law n.º 66/2018, of August 16th (<https://www.dges.gov.pt/en/pagina/degree-and-diploma-recognition>), which approves the legal regime of recognition of academic degrees and diplomas of Higher Education, attributed by foreign higher education institutions, and of paragraph e) of n.º 2 of article 4.º of Decree-Law n.º 60/2018, of August 3rd, and any formalities established therein must be fulfilled by the date

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of the hiring act. The jury reserves the right to invite the candidate ranked immediately after to the position in question when the first ranked candidate is not recognized with the academic degree after the aforementioned formalities have been fulfilled.

5. For Portuguese taxpayers: All candidates that where/are currently taxpayers in Portugal are required to present evidence of the fulfillment of their individual obligations towards the Portuguese Tax Authority and Social Security. Failure to comply with this requirement will be considered as a criteria for exclusion from the recruitment process.

6. Applicable legislation and Regulation: All candidates must comply with the [IGC Research Fellowship Regulation](#); [Research Fellowship Statutes](#) amended by [Decree nº 123/2019](#) of August 28th; [FCT Legislation and Regulations for Fellowships](#) and the [Decree-Law n.º 66/2018](#), of August 16th (Legal regime for recognition of academic degrees and diplomas of higher education awarded by foreign higher education institutions)

7. Subsidy Month Stipend: 1.144,64€/month according to the table of monthly maintenance allowance amounts set out in Annex I of [IGC Research Fellowship Regulation](#). The payment will be made by bank transfer. The selected candidate will benefit from a comprehensive health insurance policy (applicable to all fellowship contracts over 6 months) and may also be reimbursed for the amount corresponding to the Voluntary Social Security contribution. Any of these plans are dependent on voluntary membership.

8. Deadline for applications and how to submit applications: Interested candidates should send their applications to igcpositions@igc.gulbenkian.pt in a single PDF file, named “**Applicant name_BI_HAMLET_EVO**”, containing: Motivation Letter (2 page max); Curriculum Vitae (2 pages max) with contacts of two references, stating whether these could be approached and proof of degree. After a pre-analysis of applications, selected candidates will be invited for an interview.

9. Methods of Selection and Evaluation: The selection procedure shall be as follows: Curriculum (60%), reference letters (15%), motivation letter (25%). If a second selection step is found necessary by the jury, shortlisted candidates will be interviewed (interview 35% + 65% first step evaluation).

10. Jury Selection: Chairman: Dr. José Élio Sucena. Other members: Dr. Isabel Gordo and Dr. Sara Magalhães. Substitute member: Dr. Caren Norden.

11. Form of Advertising / Notification of results: The assessment results will be sent to all candidates and to the FCT by email. There will be 10 working days for complaints/appeals after the date of publication of the Selection Minute, through the same application email.

12. Application Period: From 26/09/2022 until 10/10/2022.

13. Non-discrimination and equal access policy: The Instituto Gulbenkian de Ciência of the Calouste Gulbenkian Foundation actively promotes a non-discrimination and equal access policy, wherefore no candidate can be privileged, benefitted, impaired or deprived of any rights whatsoever, or be exempt of any duties based on ancestry, age, sex, sexual preference, marital status, family and economic conditions, education, origin or social conditions, genetic heritage, reduced work capacity, disability, chronic illness, nationality, ethnic origin or race, origin territory, language, religion, political or ideological convictions and union membership.

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