

## Open Call for a Research Fellowship

The Instituto Gulbenkian de Ciência (IGC) is welcoming applications to a Bachelor's degree (BI) with a Research Fellowship, financed by Fundação Calouste Gulbenkian under the following conditions:

**1. Duration** The fellowship duration according to the [IGC Research Fellowship Regulation](#) approved by FCT is 12 months, with the possibility of renewal up to a maximum limit of 2 years. The fellowship contract is expected to start by December 2023, under the exclusiveness regime as required by Research Fellowship Regulation of Fundação para a Ciência e Tecnologia, IP (FCT).

**2. Subject of Activities:** The position is to develop a project on imaging of microbial ecosystems. While much research exists on characterizing microbial ecosystems based on their genetic content, little is known about the spatial distributions that exist in such ecosystems. In order to address this issue, we aim to develop a low-cost imaging device capable of determining such spatial distributions in isolated ecosystems.

**3. Scientific Areas:** Biophysics.

**4. Scientific Guidance:** The selected candidate will join the Living Physics Laboratory (<https://gulbenkian.pt/ciencia/researcher/psartori/>) headed by Dr. Pablo Sartori.

**5. Academic Profile and Admission Requirements:** We are seeking a MSc student that will develop the project above. An important requirement is that the candidate holds a bachelor's degree in physics. The ideal candidate will have already basic skills on building low-cost microscopy devices. Furthermore, the candidate needs to demonstrate excellent English language skills (only English CVs will be considered).

According to article 3, point 2 of [IGC Research Fellowship Regulation](#), the selected candidate must be enrolled in Master degree or 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 16<sup>th</sup> (<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 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.

**6. 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.

**7. Applicable legislation and Regulation:** All candidates must comply with the [IGC Research Fellowship Regulation](#); [Research Fellowship Statutes](#) amended by [Decree n° 123/2019](#) of August 28<sup>th</sup>; [FCT Legislation and Regulations for Fellowships](#) and the [Decree-Law n.º 66/2018](#), of August 16<sup>th</sup> (Legal regime for recognition of academic degrees and diplomas of higher education awarded by foreign higher education institutions)

**8. Subsidy Month Stipend:** 1.025,00 €/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 be reimbursed for the amount corresponding to the Voluntary Social Security contribution.

**9. Deadline for applications and how to submit applications:** Interested candidates should send their applications to [igcpositions@igc.gulbenkian.pt](mailto:igcpositions@igc.gulbenkian.pt) in a single PDF file, named “Applicant name\_ Research Fellowship\_ Low cost imaging of a microbial ecosystem”, containing: Motivation Letter (2 page max); Curriculum Vitae (2 pages max), two contacts for reference letters and proof of degree.

**10. Methods of Selection and Evaluation:** The selection procedure shall be as follows: Curriculum (50%), motivation letter (30%). If considered necessary by the jury, the interview of the selected applicants will represent (20%) of the final evaluation.

**11. Jury Selection:** Chairman: Dr. Pablo Sartori. Other members: Dr. Giulia Ghedini and Dr. Tiago Paixão. Substitute member: Dr. Caren Nordem.

**12. Form of Advertising / Notification of results:** The assessment results will be sent to all candidates by email. After being notified of the panel's decision, applicants shall have 10 working days to issue an opinion.

**13. Application Period:** From 09/11/2023 until 23/11/2023.

**14. 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.