

Open Call for a Research and Development Technician – Lab in a Suitcase

Instituto Gulbenkian de Ciência, Oeiras, Portugal

The **Gulbenkian Science Institute (IGC)** is recruiting a development technician to support the Bioengineering Microfabrication Service of Instituto Gulbenkian de Ciência and the Gulbenkian Collaborative Centre (<https://gulbenkian.pt/ciencia/gulbenkian-collaborative-centre/>) in optimising open-science equipment fabrication, protocol design and validation for the **Lab in a Suitcase project** (<https://gulbenkian.pt/ciencia/pt-pt/lab-in-a-suitcase/>).

As part of the Calouste Gulbenkian Foundation, the IGC is an institute dedicated to biological and biomedical research and innovative postgraduate training, placing science at the heart of society. The IGC is an institution where individuals are empowered to pursue original discovery-driven scientific questions in the life sciences, propelled by cutting-edge technology, in a cross-disciplinary, inclusive and collaborative environment.

The Collaborative Centre aims to promote the development of life sciences, enhancing interdisciplinary and collaborative research and development projects. The Bioengineering Microfabrication Service is a service based on providing engineering solutions such as, microfluidics, micropatterning, mechanical and electronic components applied to life sciences both for research groups and external users from academia and industry. The Lab in a Suitcase is a portable, custom-made and easy-to-maintain labs for molecular biology experiments and temporary field work.

The selected candidate will integrate the service team and will be responsible for:

- Optimising open-science equipment such as the portable densitometer and 3D printed tools and accessories that make up the kit;
- Developing experimental protocols and workflows that enable the integration of all the Lab in a Suitcase kit components.

Requirements:

We are looking for a highly motivated and proactive professional to work in an international and collaborative environment. Candidates are expected to have:

- A Master's degree in Biological Engineering, Biomedical Engineering, or equivalent;
- Previous experience in bioanalytics of nucleic acids, proteins, peptides, carbohydrates, lipids and metabolites;
- Conceptual understanding of sample handling and different methods, including separation process, spectrophotometry and gravimetric analysis applied in molecular biology, immunology and biochemistry;
- Experience in analytical equipment operation and maintenance, and with technical design and prototyping are considered a plus;

- Excellent organisation skills, initiative and rigor, working ethics, commitment and collaborative attitude;
- Good written and spoken English is mandatory;
- Capacity to handle and prioritise multiple tasks;
- Proficient IT skills in office suite apps. Previous experience in Python and C++ programming will be considered a plus.

We offer:

- A 4-months fellowship contract
- Stipend according to the candidate's level of expertise (https://www.fct.pt/apoios/bolsas/docs/Tabela_Valores_SMM_LOE_2021.pdf)
- Voluntary social security (SSV) reimbursement
- Dynamic working atmosphere

Workplace:

The work will be developed at the Gulbenkian Science Institute (IGC), Oeiras, Portugal. The IGC (<https://gulbenkian.pt/ciencia/>) is part of the Calouste Gulbenkian Foundation, an institution that promotes innovation in the arts, education and science. The IGC is an internationally recognized scientific institute dedicated to biological and biomedical research, advanced training and the transformation of society through science, in order to "solve the challenges of tomorrow". The IGC seeks to share its values with society: scientific excellence, originality, open communication, tolerance and collaborative independence. The IGC's strategy also includes investment in excellent structures to support science, development and participation in national and international networks and activities, as well as activities for the dissemination and promotion of science in low- and middle-income countries (more information at <https://gulbenkian.pt/ciencia/homepage/igc/facts-and-figures/>). The IGC is characterized by having a vibrant environment, comprising approximately 400 people, of which 300 are scientists from more than 40 nationalities.

Application process:

Applicants must send a single PDF document containing a) Motivation Letter (maximum 1 page), b) Detailed Curriculum Vitae and c) two contacts for references to collaborative@igc.gulbenkian.pt.

Selected candidates will be contacted for an interview after a pre-analysis of the Curriculum Vitae and motivation letter. The vacancy will remain open until a candidate who meets all the requirements is found.

Non-discrimination and equal access policy:

The Gulbenkian Science Institute of the Calouste Gulbenkian Foundation actively promotes a policy of non-discrimination and equal access, whereby no candidate may be privileged, benefited, harmed or deprived of any rights, or exempt from any duties due to their ancestry, age, gender, sexual preference, marital status, family and economic conditions, education, origin or social conditions, genetic heritage, reduced work capacity, disability, chronic illness, nationality, origin or ethnic characteristics, territory of origin, language, religion, political convictions or ideological and union membership.

**Privacy Policy:**

The Calouste Gulbenkian Foundation is the controller responsible for the processing of Personal Data in accordance with Regulation (EU) 2016/679 (General Regulation on Data Protection).

The personal data processed in the scope of this tender procedure is processed within the framework of the said tender procedure only and will be processed by the Calouste Gulbenkian Foundation with the purpose of verifying the fulfillment, by the candidates, of the assumptions established in the applicable legislation for their contracting. Opposition to the processing of the data by the candidates will make it impossible to accept the application and, therefore, to analyze and evaluate it.

The personal data of the Data Subject, if it be indispensable for the fulfillment of the obligations of Calouste Gulbenkian Foundation, may be conveyed to third parties, namely the Financing Entities identified in this announcement.

The data shall be retained for a period of five years pursuant to Article 32 (1) of the Labor Code. The Data Subject is entitled to oppose the collection and processing of data, has the right to verification, the right to rectification, the right to deletion, and the right to restriction of processing of the data collected. However, the exercise of such rights may be excluded when the personal data is used to protect public interest, namely in the detection and prevention of crimes or when subject to professional rules of confidentiality.

The Data Subject has the right of access and portability of the data.

The exercise of aforementioned rights must be made in writing and addressed to the Privacy Committee of the Calouste Gulbenkian Foundation, by email privacy@gulbenkian.pt or, alternatively, through the postal address Avenida de Berna 45-A, 1067-001 Lisbon.

The applicant also has the right to submit a complaint to the National Data Protection Commission or other competent control authority in accordance with the law if he considers that his data are not being processed in accordance with European and/or national legislation applicable.

Final Notes:

This call is exclusively intended to fill the indicated job position and may be terminated until the approval of the final ranking list of candidates and expires with the respective occupation of the job on offer.