

## Open Call for a Research Fellowship in the Project UID/Multi/04555

The Instituto Gulbenkian de Ciência (IGC) is welcoming applications to Research Fellowship R&D Unit with reference **UID/Multi/04555** at the IGC - Instituto Gulbenkian de Ciência, Oeiras, Portugal, funded by national funds through FCT/MCTES (PIDDAC) under the project **UIDP/04555/2020** with the following conditions:

**1. Duration:** The fellowship will have the duration of 12 months with the possibility of renewal until the end of the project or until the end date of the project's possible renewal, expected to start in December 2021, in the exclusiveness regime as the regulation of research fellow by the Fundação para a Ciência e Tecnologia, IP into force.

**2. Subject of Activities:**

- Service-based bioinformatical analysis for IGC research groups.
- Provide assistance to researchers regarding experimental design and data visualization.
- Providing data analysis service for collaborating Universities, research institutes and hospitals.
- Training of the wet-lab scientists in IGC for data submission, basic analysis, and data display.
- Participation in activities directed to external people, such as courses, visits to the Facility or bioinformatics-related demonstrations.
- Development of new pipelines or software solutions to answer users' needs.
- Develop easy-to-use Website based interface for data submission and analysis.

**3. Research Groups:** Bioinformatics Facility – Jingtao Lilue

**4. Academic Profile and Selection Criteria:** Bachelor or master's degree in biology, Computer Science, Genetics or Bioinformatics is mandatory. The desired candidate should be a Master/PhD student or bachelor/master enrolled in non-academic degree courses. We are looking for a highly motivated person, passionate by science and technology, eager to learn and to solve problems, with personal competences to work in a service-based environment, with good inter-personal skills and high degree of initiative. Additionally, we will prefer candidates with:

- The experience in **bioinformatics**, **biostatistics**, or **cluster computing**.
- The candidate should be experienced in working with scripting languages such as **R** (preferred), **Python**, and **Perl**.
- Experience with using **Linux command line** environments is essential.
- Knowledge of **machine learning** will be highly valued.
- Skill of **website scripting** (e.g. PHP or Java script) is a plus.
- Capacity to work both independently and as a part of a team are required.
- Good communication skills, including a good level of spoken English, which would enable a good communication and work in an international setting, are necessary.
- High commitment and a collaborative attitude are needed for this job.
- Troubleshooting capacity and attention to detail are extremely important.

**5. Legislation and Applicable Regulation:** Statute of the Scientific Research Fellow, Research Fellowship Regulations of the Foundation for Science and Technology I.P. in force; and the Research Fellowship Regulations from Instituto Gulbenkian de Ciência (IGC), Oeiras, Portugal. To know more about the changes introduced on the Statute of the Scientific Research Fellow by the Law Decree nº 123/2019 please consult the page <https://dre.pt/web/guest/home/-/dre/124256707/details/maximized?res=pt#resumo-claro>.

**6. Subsidy Month Stipend:** According to the regulations of the FCT Scientific Fellowships in Portugal (€835,98/month for Bachelor's degree or €1.104,64/month for Master's degree + Social Security), <http://www.fct.pt/apoios/bolsas/valores>, the payment will be made by bank transfer. A stipend complement can be given depending on the candidate experience. This complement is fully paid by IGC.

**7. Application Documents:** A written request should be addressed to the Director of the Instituto Gulbenkian de Ciência with the subject "**DF\_UID/Multi/04555-IA**" sent to the email [jlilue@igc.gulbenkian.pt](mailto:jlilue@igc.gulbenkian.pt). This must include the following information concerning the applicant: announcement identification, full name, number and date of validity of the Identity Card or passport, tax identification number, date and place of birth, contact address, including e-mail address and telephone contact.

Applications should include support documents (PDF format) and proof of the conditions laid down in above points for admission to this call, mainly:

- a) Motivation Letter;
- b) Copy of certificate or diploma referring its conclusion date.
- c) Detailed curriculum vitae, structured in accordance with above items and a brief description of the most relevant scientific activities of the last 3 years;
- d) Two reference letters or contacting information for referees;
- e) Other documents relevant to the evaluation of qualifications in the related scientific area.

All candidates (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.

**8. Methods of Selection and Evaluation:** The selection procedure shall be as follows: CV (30%), motivation letter (10%), references (10%), and interview, if considered necessary by the jury, of the selected candidates (50%). The Interview will focus on the research outcomes of the candidate.

**9. Jury Selection:** Chairman: Dr. Jingtao Lilue. Other members: Dr. Pedro Fernandes, Dr. Ricardo Leite. Substitute member Dr. Élio Sucena.

**10. 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 Minutes, through the same application email.

**11. Application Period:** From 20.10.2021 until 15.11.2021.