

Open Call for a research Fellowship for a Post doc position in the Project UID/Multi/04555

The Instituto Gulbenkian de Ciência (IGC) is welcoming applications for a research fellowship for a Post Doc position under the R&D Unit project funded by national funds through FCT/MCTES (PIDDAC) under the project **UIDP/04555/2020** with the following conditions:

1. Duration: The fellowship maximum duration is 36 months, 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 contribute to the research by performing a range of research related tasks which may include the following:

- Explore interactions mediated by bacterial cell-cell interactions within members of the gut microbiota to counter microbiota imbalances caused by diet or antibiotics.
- Identification of molecular basis of quorum sensing responses within the microbiota.
- Identification novel players and mechanisms involved in cell-cell interactions among microbiota members implicated in resilience of this bacterial community.

3. Research Groups: Bacterial Signalling

The Bacterial Signalling Group at the Instituto Gulbenkian de Ciência (IGC), led by Karina B. Xavier, investigates Bacterial Signalling Interactions in the Mammalian Gut Microbiota. The major aims of the current research in the Bacterial Signalling group are to decipher molecular mechanisms mediating bacterial cell-cell interactions within the gut microbiota and explore these interactions to counter microbiota imbalances (caused by antibiotics and diet) and recover microbiota functions that promote host homeostasis and ameliorate microbiota associated pathologies.

For more details about the lab, please visit <https://gulbenkian.pt/ciencia/research-groups/kxavier/>

4. Academic Profile and Selection Criteria: We are seeking a highly motivated person with good interpersonal skills and high degree of initiative to join our group at the IGC as a Post Doc. The ideal candidate should have PhD degree in Biology/Biochemistry and, preferably, relevant work experience in molecular microbiology and/or mice as model organism, with an interest in studying Host-Microbe Interactions. Applicants with various research backgrounds will be considered, including but not limited to Microbiology and/or Host-Microbe Interactions. Excellent written and verbal communication ability, in English, is required. Additionally, we will prefer candidates with:

- Experience in Molecular Microbiology and/or in Animal Experimentation.
- Ability to work as an effective member of a team as well as independently under general supervision.
- Well-developed communication skills, including the ability to draft a range of documentation.
- A good level of computer literacy.

According to article 3, point 3 of IGC Research Fellowship Regulation, the PhD degree must have been obtained in the three years prior to the date of submission of the fellowship application.

If the PhD degree was awarded by a foreign higher education institution, it must comply with the provisions of Decree-Law no. 66/2018, of August 16 (Degree and Diploma recognition) and of the Regulatory Ordinance No. 33/2019, of January 25, and all formalities established therein must be complied with at the stage of signing the contract. In case the PhD degree of the selected candidate does not comply with the Decree-Law above mentioned including all its formalities, the Jury reserves the right to select the next candidate.

5. Legislation and Applicable Regulation: IGC Research Fellowship Regulation, Statute of the Scientific Research Fellow and Research Fellowship Regulations of FCT, in force

Financiado por:

(<https://www.fct.pt/apoios/bolsas/regulamentos.phtml.en>); 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 IGC and FCT Research Fellowship Regulation: **€1.686 /month** supported by FCT under the project UIDP/04555/2020 according to <http://www.fct.pt/apoios/bolsas/valores>. According to the IGC Research Fellowship Regulation a stipend complement will be given for the Post-Doctoral Research Fellowship in the amount of **€214,00/month**. This complement is fully paid by IGC. The payment will be made by bank transfer.

7. Application Documents: The application should consist of one PDF file named “**Applicant name_Post Doc_UID**” including include a motivation letter (max 2 pages), a detailed CV including technical and transferable skills, and contact information for 3 references to the following address: kxavier@igc.gulbenkian.pt

All candidates (taxpayers in Portugal) are required to present evidence of the fulfilment 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 (60%), motivation letter (15%), references (15%), and interview, if considered necessary by the jury, of the selected candidates (10%). The Interview will focus on the research outcomes of the candidate.

9. Jury Selection: Chairman: Dr. Karina Xavier. Other members: Dr. Luis Teixeira and Dr. Isabel Gordo.

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 Minute, through the same application email.

11. Application Period: The period for the applications submission is from 22/03/2022 until 02/05/2022.