Call for a Postdoctoral Fellowship

UID/Multi/04555/2019

A call is open for a Postdoctoral Fellowship (BPD) for PhD holder under the R&D Unit with reference ‘Instituto Gulbenkian de Ciência UID/Multi/04555/2019’ at the IGC - Instituto Gulbenkian de Ciência, Oeiras, Portugal, funded by national funds through FCT/MCTES (PIDDAC), as follows:

Scientific Areas: Bioinformatics

Admission: Requisites:

PhD in Biology, Genetics or Bioinformatics is mandatory.
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:

1. The candidate should have a solid experience in Bioinformatics and a strong background in bio-statistics.
2. The candidate should be experienced in working with scripting languages such as Perl, R and Python.
3. Experience with using Linux environments is essential
4. Knowledge of other programming language, e.g. C++ and Java is a plus.
5. Skill of website scripting (e.g. PHP or Java script) will be valued.
6. Capacity to work both independently and as a part of a team are required.
7. Good communication skills, including a good level of spoken English, which would enable a good communication and work in an international setting, are necessary.
8. High commitment and a collaborative attitude are needed for this job.
9. Troubleshooting capacity and attention to detail are extremely important.

Work plan:

The selected candidate will join the Bioinformatics Facility in IGC. The activities are:

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

Working place: The work will be developed at IGC (Instituto Gulbenkian de Ciência, Oeiras, Portugal), in the Bioinformatics group under the scientific supervision of Dr. Jingtao Lilue.

Fellowship Duration: The postdoctoral fellowship will have an annual duration renewable up to a maximum of 6 years in agreement with the project-allocated budget for human resources.

Monthly Allowance: The present fellowship corresponds to € 1.509,80 + Social Security, according to the Portuguese guidelines directly defined by FCT (Fundação para a Ciência e a Tecnologia, I.P) (https://www.fct.pt/apoios/bolsas/valores.phtml) and the Research Fellowship Regulations from the Instituto Gulbenkian de Ciência (IGC), Oeiras, Portugal. Payment will be made by bank transfer.

Selection Methods:

Candidates will be short-listed for an interview based on their CV (40%), reference letters (10%) and motivation letter (10%). Candidates with adequate profile will be interviewed (40%), and when relevant asked to demonstrate any stated competence. The final results will be expressed in a scale of 0-100 considering these four components.

Jury Composition:
Dr. Jingtao Lilue, Dr. Ricardo Leite, Dr. Élio Sucena.

Announcement and Communication of Results: The assessment results will be sent to all candidates by email and to FCT by registered surface mail.

Application structure and deadline: The present call is open between 12th August 2019 and 26th August 2019.

The applications should be sent to jililue@igc.gulbenkian.pt, with the title: “Application - Bioinformatics BPD, UID/Multi/04555/2019 – Candidate’s Surname”. The documents should be sent in English as single Portable Document Format (PDF) and include: Proof of Degree (Degree Certificate), updated Curriculum Vitae, motivation letter and names and contacts of two references.