Call for an Electron Microscopy Technician - BI

UID/Multi/04555/2019

A call is open for an Electron Microscopy Technician 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:** Electron Microscopy

**Requisites:**
Master in any relevant scientific discipline, at least 6 months of experience in electron microscopy and good communication skills, including a high level of spoken and written English are mandatory requisites.

We are looking for a highly motivated person, passionate for science and technology, who is eager to learn new skills and to solve problems. This person must have the skills and mindset to work in a service-based environment, where good interpersonal skills, a high degree of organization, the ability to multi-task, a high degree of personal initiative and flexibility are all essential.

Additionally, we will prefer candidates with:

i) Previous research lab experience;
ii) IT skills and knowledge of the common electron microscopy analysis software programs (such as IMOD, SerialEM, Fiji);
iii) Capacity to work both independently and as a part of a team;
iv) High commitment and a collaborative attitude;
v) Troubleshooting capacity and attention to detail.

**Work plan:**
The selected candidate will join the Electron Microscopy Facility of the R&D Unit. The activities are: 1) Sample processing for electron microscopy; 2) Provide assistance to researchers regarding experimental design, data display and data analysis; 3) Quality control and quality assurance of all electron microscopes and technical equipment within the Facility; 4) Training of the Facility Users in basic concepts and instrument operation; 5) Participation in activities directed to external people, such as courses, tours to the Facility or other electron microscopy-related demonstrations; 6) Development of new electron microscopy techniques or solutions to answer users’ needs; 7) General lab management and administrative tasks such as project tracking and report generation for the users.
**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 the Instituto Gulbenkian de Ciência (IGC), Oeiras, Portugal.

**Working place:** The work will be performed at the IGC (Instituto Gulbenkian de Ciência, Oeiras, Portugal), in the Electron Microscopy Facility under the scientific supervision of Doctor Erin Tranfield.

**Fellowship Duration:** The fellowship will be for a period up to a maximum of 12 months, which can be renewed, in agreement with the project-allocated budget for human resources.

**Monthly Allowance:** The present fellowship corresponds to €989,70 (Master) + 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:**
The selection criteria will be based on the evaluation of the application (50%) and interview (50%). A pre-selection for the interview will be based on the fulfilment of the mandatory criteria (20%), the preferred criteria (15%) and the motivation letter (15%). Up to 3 candidates with the highest score will be selected for an interview. After the interview, the candidate with the highest final score will be selected for the positions. Candidates that do not fulfil the mandatory criteria will not be considered for an interview or further evaluation.

**Jury Composition:**
Dr. Erin Tranfield, Dr. Maria Joao Amorim and Dr. Jörg Becker. Substitute member Dr. Marta Monteiro.

**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 12<sup>th</sup> August 2019 and 26<sup>th</sup> August 2019.

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