

Open Call for a Research Fellowship in the Project Moore Grant - UBC

The Instituto Gulbenkian de Ciência (IGC) is welcoming applications to a research Fellowship within the project **Moore Grant - UBC**, entitled: “**The evolution of Microtubule Organising Centres in non-model organisms**”, financed by the Moore Foundation with the following conditions:

1. **Duration:** The fellowship will have the duration of 12 months with the possibility of renewal with a maximum duration of 3 years in the exclusiveness regime as foreseen in IGC Scientific Fellowship Regulation.
2. **Subject of Activities:** Meiosis and mitosis are hallmarks of eukaryotes – ancestral processes whose origin goes back to LECA – Last Eucaryotic Common Ancestor. Our understanding of the diversity and ancestral state of eukaryote cell division and sexual reproduction is very limited. In many organisms, structures involved in cell division, such as centrioles, are also involved in locomotion (flagella). In this project we will systematically investigate the division and locomotion apparatus of several representative organisms along the tree of life to reconstruct their evolution. High resolution microscopy techniques will be used to reconstruct the structures under study, as well as advanced proteomics techniques to study their composition. This is a collaborative project with the laboratories of Patrick Keeling, UBC (Canada), Holy Goodson, UND (USA), Jeremy Wideman, ASU (USA) and will involve various collaborative activities.
3. **Research Groups:** Cell Cycle Regulation Lab – Monica Bettencourt-Dias
4. **Academic Profile and Selection Criteria:** PhD. We are seeking motivated scientists with experience in Bioinformatics to study morphological and molecular constraints in the evolution of microtubule organizing centers by the construction of community-based resources and use them to extract data. The candidate must have a good level of written and spoken English. We offer a stimulating and inclusive lab environment, access to state of the art technological facilities, services to help you in applying for grants and communicate your science, the opportunity of supervising trainees (summer school and/or master’s program), a mentorship program and several career development activities.
5. **For Portuguese taxpayers:** All candidates that where/are currently 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 criterion for exclusion from the recruitment process
6. **Legislation and Applicable Regulation:** Statute of the Scientific Research Fellow and IGC Scientific Fellowship Regulation.
7. **Subsidy Month Stipend:** According to the regulations of the IGC Scientific Fellowships in Portugal and the experience of the candidate, the payment will be made by bank transfer.
8. **Application Documents:** Motivation letter, *Curriculum Vitae* (including contacts of two references) and proof of degree should be sent by e-mail in a single PDF file named “name of the candidate_Evolution MTOCS.pdf” to the following email address: mfaría@igc.gulbenkian.pt.
9. **Methods of Selection and Evaluation:** The selection procedure will be as follows: *Curriculum Vitae* and previous experience (70%) and motivation letter (30%). If considered necessary by the jury, the interview of the selected candidates will represent 50% of the final mark.

10. **Jury Selection:** Chairman: Monica Bettencourt-Dias, PhD. Other members: Mariana Lince-Faria, PhD, and Mafalda Pimentel, PhD.
11. **Form of Advertising / Notification of results:** The assessment results will be sent to all candidates by email.
12. **Application Period:** From 23.02.2022 until the candidate of interest is selected.
13. **Non-discrimination and equal access policy:** The Instituto Gulbenkian de Ciencia of the Calouste Gulbenkian Foundation actively promotes a non-discrimination and equal access policy, wherefore no candidate can be privileged, benefitted, impaired or deprived of any rights whatsoever, or be exempt of any duties based on ancestry, age, sex, sexual preference, marital status, family and economic conditions, education, origin or social conditions, genetic heritage, reduced work capacity, disability, chronic illness, nationality, ethnic origin or race, origin territory, language, religion, political or ideological convictions and union membership.