

**Open Call for a Post-Doctoral Research Fellowship (BI-PD) in the scope of the project
“UBC Sub-grant # GR021323”, with the title “Origin of Meiosis”**

The Instituto Gulbenkian de Ciência (IGC) is welcoming applications to a Post-Doctoral Research Fellowship (BI-PD), under the project “UBC Sub-grant # GR021323”, with the title “Origin of Meiosis”, financed by Gordon and Betty Moore Foundation Grant # 10600 through the University of British Columbia, with the following conditions:

- 1. Duration:** The fellowship duration according to the [IGC Research Fellowship Regulation](#) approved by Fundação para a Ciência e Tecnologia, IP (FCT) is 12 months, with the possibility of renewal for a maximum of 3 years. The fellowship contract is expected to start by January 2024, under the exclusiveness regime as required by Research Fellowship Regulation of FCT.
- 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. Scientific Guidance:** The selected candidate will join the Cell Cycle Regulation Laboratory (<https://gulbenkian.pt/ciencia/research-groups/mbdias/>), headed by Dr. Mónica Bettencourt-Dias
- 4. Academic Profile and Admission Requirements:** PhD in biology and related areas. We are seeking motivated scientists with a sense of adventure to explore and dissect the structure of microtubule organizing centers and their function in different organisms. We will value experience in electron microscopy and culturing microalgae. 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.

According to point 3 of article 3º of the [IGC Research Fellowship Regulation](#), the doctoral degree must have been obtained in the three years prior to the date of submission of the fellowship application.

If the qualification has been conferred by a foreign higher education institution it must be recognized by a Portuguese higher education institution, under the terms of the provisions of article 25.º of Decree-Law n.º 66/2018, of August 16th (<https://www.dges.gov.pt/en/pagina/degree-and-diploma-recognition>), which approves the legal regime of recognition of academic degrees and diplomas of Higher Education, attributed by foreign higher education institutions, and of paragraph e) of n.º 2 of article 4.º of Decree-Law n.º 60/2018, of August 3rd, and any formalities established therein must be fulfilled by the date of the hiring act. The jury reserves the right to invite the candidate ranked immediately after to the position in question when the first ranked candidate is not recognized with the academic degree after the aforementioned formalities have been fulfilled.

Financiado por:

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 criteria for exclusion from the recruitment process.

6. **Applicable legislation and Regulation:** All candidates must comply with the [IGC Research Fellowship Regulation](#); [Research Fellowship Statutes](#) amended by [Decree n° 123/2019](#) of August 28th; [FCT Legislation and Regulations for Fellowships](#) and the [Decree-Law n.º 66/2018](#), of August 16th (Legal regime for recognition of academic degrees and diplomas of higher education awarded by foreign higher education institutions).

7. **Subsidy Month Stipend:** 2.200,00€ month according to the table of monthly maintenance allowance amounts set out in Annex I of [IGC Research Fellowship Regulation](#). The payment will be made by bank transfer. The selected candidate will be reimbursed for the amount corresponding to the Voluntary Social Security contribution.

8. **How to submit applications:** Interested candidates should send their applications to igcpositions@igc.gulbenkian.pt in a single PDF file, named “**Applicant Name_ BI_PD_Evolution MTOCS**” containing:

- i) Motivation Letter (1 page max);
- ii) Curriculum Vitae;
- iii) Doctoral certificate and Summary of research achievements (1 page);
- iv) Contacts of 3 references (name, email and phone number);
- v) Other documents relevant for the evaluation of the application.

9. **Methods of Selection and Evaluation:** Applications will be evaluated according to Curriculum and previous experience (60%), motivation letter (20%). References nominated by the candidates shall be consulted, if necessary (10%). In case of a tie, the candidates in this situation will be interviewed (10%) focusing on the research outcomes of the candidate. The decision is made by nominal vote of the selection panel members, in accordance with eligibility and selection criteria, with no abstentions allowed. The final results will be presented on a scale from 0 to 100.

10. **Jury Selection:** Chair: Dr. Mónica Bettencourt-Dias, Vowels: Dr. Mariana Lince-Faria and Dr. Joana Ferreira.

11. **Form of Advertising / Notification of results:** The assessment results will be sent to all candidates 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.

12. **Application Period:** From 14/12/2023 until 28/12/2023.

13. **Non-discrimination and equal access policy:** The Instituto Gulbenkian de Ciência 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.

Financiado por: