

Open Call for a Post-Doctoral Research Fellowship

The Instituto Gulbenkian de Ciência (IGC) is welcoming applications to a Post-Doctoral Research Fellowship (BI-PD), funded by the Calouste Gulbenkian Foundation, 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:** At all scales, from molecules to organs, renewal of components is key to the maintenance of living systems. However, some structures are surprisingly persistent, which questions the mechanisms ensuring their maintenance and function in ageing organisms. Centrioles, which form centrosomes and cilia, are such an example, as they are able to persist for many cell cycles, being required for vertebrate cell proliferation, signaling and flagella-based motility. However, upon cell cycle exit, centrioles can disassemble or elongate to form a cilium. Centrioles can thus adopt seemingly paradoxical behaviors: being invariable or being plastic and adaptable. The mechanisms conferring centrioles with such complex dynamics and how they regulate the cell cycle are unknown.

This project aims at unveiling the mechanisms of centriole maintenance and centriole MT-wall turnover using high spatial resolution techniques, such as Super-Resolution Microscopy and Expansion Microscopy. The project is a collaboration with the lab of Manuel Thery (cytoskeleton and bioengineering; IPGG, Paris) and Gaia Pigino (cilia, CryoEM; human Technopole, Milan).

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:** We are seeking extremely motivated scientists with a PhD degree in Life Sciences. Experience using human tissue cultured cells and in Fluorescence Microscopy is a plus. The person should have a good level of written and spoken English.

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.

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:** 2.000,00€/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_ Cell Cycle Regulation**” containing:

- i) Motivation Letter (1 page max);
- ii) Curriculum Vitae (2 pages max).

After a pre-analysis of applications, selected candidates will be invited for an interview.

9. **Methods of Selection and Evaluation:** The selection procedure shall be as follows: The first selection will be based on the CV (60%) and motivation letter (40%), those that are ranked here will be then selected for an online interview, after the interview if the jury consider relevant reference letters might be asked. The final evaluation will be done based on CV (35%), motivation letter (15%) and interview and reference letters (50%).

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

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 20/11/2023 until 20/12/2023.

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.