

Open Call for a Research Fellowship in the Project “EMBO Installation Grant 4734 - 2020”

The Instituto Gulbenkian de Ciência (IGC) is welcoming applications to a Research Fellowship within the project EMBO Installation Grant 4734-2020, entitled: "Unveiling live-cell viral replication at the nanoscale", financed by European Molecular Biology Organization (EMBO) with the following conditions:

1. Duration: The fellowship maximum duration according to the [IGC Research Fellowship Regulation](#) approved by FCT is 12 months. The fellowship contract is expected to start by October 2022, under the exclusiveness regime as required by Research Fellowship Regulation of Fundação para a Ciência e Tecnologia, IP (FCT).

2. Subject of Activities: The successful candidate will execute the following activities: 1) Develop computational and optical methods for microscopy; 2) Help oversee and manage collaborative research in research group. This includes contributing to the development of analytical code, data analysis, preparation of reports, and publications; 3) Transfer of knowledge to the scientific community both via repositories and workshops; and 4) Maintain excellent collaborative research.

3. Scientific Guidance: The selected candidate will join the Optical Cell Biology Lab (<https://gulbenkian.pt/ciencia/research-groups/rhenriques/>) headed by Prof. Ricardo Henriques.

4. Academic Profile and Admission Requirements: BSc in BioMedical Engineering, Computational Biology, Biological Physics, or any related areas with at least 3 months of lab experience.

Additionally, we will prefer candidates with:

- i) Previous experience in developing computational bioimage analysis methods and sub-cellular microscopy is essential.
- ii) Experience in single-molecule super-resolution microscopy, deep-learning-based bioimage analysis and cellular biology will be valued.
- iii) Capacity to work independently and as a team is required.
- iv) High commitment and a collaborative attitude are needed for this job.
- v) Troubleshooting capacity and attention to detail are essential.
- vi) Experience with: Python and ImageJ is required, and good knowledge of Keras, TensorFlow, PyTorch and scikit-learn will be valued.
- vii) Good communication skills, including a good spoken English level, are necessary.

According to article 3, point 2 of IGC Research Fellowship Regulation, the selected candidate must be enrolled in masters or in another non-academic degree course integrated in the educational project of a higher education institution.

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 25º 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 4º 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 nº 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: 1.144,64€/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 benefit from a comprehensive health insurance policy (applicable to all scholarship contracts over 6 months) and may also be reimbursed for the amount corresponding to the Voluntary Social Security contribution. Any of these plans are dependent on voluntary membership.

8. How to submit applications: Interested candidates should send their applications to rjhenriques+EMBOMScApp@igc.gulbenkian.pt in a single PDF file, named "**Applicant Name_EMBO_McS_BI**" containing: Motivation Letter (1 page max); Curriculum Vitae (2 pages max) and contacts of two references, stating whether these could be approached. 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: Curriculum (60%), reference letters (15%), motivation letter (15%) and interview, if considered necessary by the jury, of the selected candidates (10%).

10. Jury Selection: Chair: Prof. Ricardo Henriques, Vowels: Dr. Simão Coelho, Dr. Hannah Heil. Substitute members: Dr. Mario del Rosario.

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

12. Application Period: From 05.08.22 until 20.08.22

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.