

## Open Call for a Post Doctoral Research Fellowship in the Project ERC-2020-COG–01001521-LOFlu

The Instituto Gulbenkian de Ciência (IGC) is welcoming applications to a Post-Doctoral Research Fellowship within the project ERC-2020-COG–01001521-LOFlu, entitled: “Controlling Influenza A Virus Liquid Organelles – LOFlu”, financed by European Research Council – ERC, with the following conditions:

1. **Duration:** The fellowship will have the duration of 12 months with the possibility of renewal within the project timeline, in the exclusiveness regime as foreseen in IGC Scientific Fellowship Regulation.
2. **Subject of Activities:** The successful candidate will work on the assembly of influenza A virus segmented genome, a key parameter for the emergence of influenza epidemic and pandemic viruses. In particular, we are exploring the function of viral inclusions in the process and how to target them. These structures, formed exclusively during influenza virus infection, are important for the viral lifecycle, and interestingly exhibit properties of liquids. The maintenance of the liquid character is needed to sustain viral replication. The aim of this project is unravel host factors that regulate their formation and material properties to learn how to block their formation and function. The CBV lab is taking a new, integrated approach for studying viral infections, exploring the perspective and concepts of phase separation, from the molecular to the organismal level. Successful candidates will perform genome-wide screens, using microscopy and biochemical approaches, to identify viral-host interactions and will validate findings at the cellular level using novel state-of-the-art technologies.
3. **Research Groups:** The Cell Biology of Viral Infection Laboratory (CBV lab), headed by the virologist Maria João Amorim (<https://gulbenkian.pt/ciencia/research-groups/mjamorim/>).

#### 4. Academic Profile and Selection Criteria:

According to point 3 of article 3º of the IGC Research Scholarship Regulation, the doctoral degree must have been obtained in the three years prior to the date of submission of the scholarship application.

If the doctoral degree has been awarded by a foreign higher education institution, it must comply with the provisions of Decree-Law no. Decree-Law No. 66/2018, of 16 August, and Portaria nº 33/2019, of 25 January, and any formalities established therein must be completed by the date of signature of the contract. 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 of doctor after the aforementioned formalities have been fulfilled.

We are seeking highly motivated candidates with a PhD in Biology/Biochemistry/Biophysics/Physics or related areas. Solid expertise in microscopy /quantitative advanced imaging analysis are valued, including expertise in R, image segmentation,

development of tailored high-throughput imaging analyses tools, and imaging-based screens. Applicants should have demonstrated ability to plan, execute, interpret, document, and troubleshoot multi-faceted research and to collaborate with members of the laboratory, the institute or international laboratories.

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. **Legislation and Applicable Regulation:** Statute of the Scientific Research Fellow and IGC Scientific Fellowship Regulation.
7. **Subsidy Month Stipend:** According IGC Scientific Fellowship Regulation: € 1.900,00/month + Social Security. The payment will be made by bank transfer.
8. **Application Documents:** Cover letter explaining motivation to develop the project and summary of relevant experience, *Curriculum Vitae* that includes the contacts of three references (name, position, mailing address, phone number and email address), list of up to 3 most relevant publications and reasons for selecting them, should be sent by e-mail in a single PDF file named "NameOfTheCandidate\_LOFlu\_microscopy\_BIPD.pdf" to the Email address: [mjamorim@igc.gulbenkian.pt](mailto:mjamorim@igc.gulbenkian.pt)
9. **Methods of Selection and Evaluation:** The selection procedure shall be as follows: Curriculum and reference letters (35%), and motivation letter (30%) and interview, if considered necessary by the jury, of short-listed candidates (35%).
10. **Jury Selection:** Chair: Dr. Maria João Amorim, Vowels: Dr. Raquel Oliveira, Dr. Ricardo Henriques. Substitute members (optative) Dr. Silvia Vale Costa.
11. **Communication of results:** The assessment results will be sent to all candidates by email.
12. **Application Period:** From 17/06/2022 until 17/08/2022.
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