

## Open Call for a Research Fellowship in the Project EMBO - 4152

The Instituto Gulbenkian de Ciência is welcoming applications to a Postdoctoral Research Fellowship within the project **EMBO - 4152**, with the title “Fitness landscapes and the predictability of evolution”, financed by EMBO with the following conditions:

**1. Duration:** The fellowship will have the duration of 12 months with the possibility of renewal until the end of the project, expected to start in July 2020, in the exclusiveness regime as the regulation of research fellow by the Fundação para a Ciência e Tecnologia, IP into force.

**2. Subject of Activities:** The postdoc will work both experimentally and theoretically determine the mechanisms and dynamics by which influenza A virus can adapt to mutagenic drug pressure. The project involves acquiring and analyzing time-serial genomic data in collaboration with Maria João Amorim’s lab, and theoretical modeling of the evolutionary dynamics of viruses. The ideal candidate thus has a background in molecular or experimental biology and extensive wet-lab experience (ideally working with pathogens), and a solid knowledge of population genetics. It is essential that the candidate has computational skills regarding simulation and analysis of population-genetic data.

**3. Research Groups:** Evolutionary Dynamics – Claudia Bank

**4. Academic Profile and Selection Criteria:** PhD in Biology or related scientific area. The desired candidate has experience in experimental biology, specifically in the work with pathogens and in RNA/DNA sequencing. It is essential that the candidate is familiar with population genetics and has expertise simulating population-genetic dynamics and analyzing population-genetic data.

**5. Legislation and Applicable Regulation:** Statute of the Scientific Research Fellow, Research Fellowship Regulations of the Foundation for Science and Technology I.P. in force; and the Research Fellowship Regulations from Instituto Gulbenkian de Ciência (IGC), Oeiras, Portugal. To know more about the changes introduced on the Statute of the Scientific Research Fellow by the Law Decree nº 123/2019 please consult the page <https://dre.pt/web/guest/home/-/dre/124256707/details/maximized?res=pt#resumo-claro>

**6. Subsidy Month Stipend:** According to the regulations of the FCT Scientific Fellowships in Portugal (€1600 month + Social Security + complement 300€), <http://www.fct.pt/apoios/bolsas/valores>, the payment will be made by bank transfer.

**7. 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 “EMBO4152\_postdoc.pdf” to the Email address: [claudiab@igc.gulbenkian.pt](mailto:claudiab@igc.gulbenkian.pt)

**8. Methods of Selection and Evaluation:** The selection procedure shall be as follows: CV and previous experience (60%) and motivation letter (20%). The top candidates will be interviewed (20%).

**9. Jury Selection:** Chairman: Claudia Bank, PhD. Other members: André Amado, PhD, and Maria João Amorim, PhD.

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

**11. Application Period:** From 09.03.2020 until 24.03.2020.