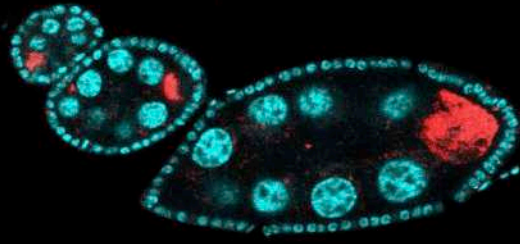


## Wolbakian - Functional genetics of *Wolbachia* proliferation and protection to viruses



Two funded postdoctoral positions



INSTITUTO  
GULBENKIAN  
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Council

**Position:** The Host-Microorganism Interactions laboratory, led by Luis Teixeira, has **two open postdoctoral positions**, available from January 2020. The postdoctoral fellowships will have an annual duration renewable up to 30/6/2023, in agreement with the project-allocated budget for human resources.

**Research interests:** The ERC project Wolbakian focuses on understanding regulation of *Wolbachia* proliferation and protection to viruses. *Wolbachia* is a widespread intracellular bacterial symbiont of insects and other animals. This bacterium protects *Drosophila melanogaster*, and other insects, including mosquito vectors of arboviruses, against viral infection. We are interested in understanding this mechanism of protection. Moreover, we want to know how *Wolbachia* titres in the host are regulated since they impact anti-viral protection and many other aspects of *Wolbachia* biology. Our group approaches these problems using *Drosophila* genetics, cell biology, molecular biology, and genomics. For more details see: <http://www.igc.gulbenkian.pt> and Teixeira *et al.*, PLOS Biol. 2008, Chrostek and Teixeira PLOS Biol. 2015. One position will focus on *Wolbachia* anti-viral protection and the other will investigate *Wolbachia* infection and titres regulation.

**Location:** The **Gulbenkian Institute (IGC)** is an international institute located in a seaside town close to Lisbon, Portugal, and integrated in a multidisciplinary campus. It is a world-leading biology research center, providing state-of-the-art core facilities and an exciting research environment. The IGC Postdoctoral Research Program focuses on developing postdoc research, independence and leadership skills.

**Academic Profile and Selection Criteria:** We are seeking candidates with a PhD degree in Biology or related areas but we will also consider other backgrounds. For the position focused on *Wolbachia* titres regulation, experience in genomics is required. Previous experience in *Drosophila* genetics, microbiology, host-microbe interactions, immunity and other related areas are valued. We are seeking highly motivated researchers that work independently and interact in a team. The candidates should have a good level of written and spoken English.

**Subsidy Month Stipend:** According to the table of IGC, as well as the experience of the person, plus social security. The payment will be made by bank transfer.

**Application Documents:** A one-page motivation letter, *Curriculum Vitae*, and two contacts for references should be sent to the e-mail address below, in a single PDF file named "CandidateName\_Wolbakian\_PD.pdf".

Email: [ccarmo@igc.gulbenkian.pt](mailto:ccarmo@igc.gulbenkian.pt) (Catarina Carmo)

**Application Period:** Applications will be accepted until the vacancies are filled. Interviews will be held from the 15<sup>th</sup> of January 2020.

**Selection Procedure:**

After a pre-analysis of *Curriculum Vitae* and letter of motivation the selected candidates will be contacted for an interview.

**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.