

Open Call for a Research Technician Fellowship in the Project *METABOLSEPSIS* HR18 - 000502

The Instituto Gulbenkian de Ciência is welcoming applications to a Research Technician Fellowship within the project **HR18 - 000502**, with the title "*METABOLSEPSIS – Metabolic Reprogramming in Sepsis*" financed by *la Caixa* with the following conditions:

1. Duration: The fellowship will have the duration of 12 months, expected to start in November 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 outcome of an infection depends, to a large extent, on the magnitude of the metabolic dysfunction imposed on the host. This pathologic process is countered by immune driven resistance mechanisms that exert a direct negative impact on pathogens and by disease tolerance mechanisms that do not interfere with pathogens. Deregulation of glucose metabolism is increasingly recognized as an important component in the pathogenesis of infectious diseases. The establishment of disease tolerance to bacterial infections relies on a host metabolic response regulating iron and glucose levels in the infected host. To what extent this metabolic response impacts on the outcome of other infectious diseases imposed by viral, bacterial or protozoan pathogens has not been established and is the main focus of the project to be developed. The selected candidate will actively participate in the experimental execution of the project.

3. Research Groups: Inflammation Laboratory – Miguel Soares

4. Academic Profile and Selection Criteria: Bachelor (BSc)/ Master (MSc) in Biology or related scientific area. Previous experience in mouse manipulation and mouse colony management and/or course in laboratory animal science will be valued. Experience in molecular biology techniques, namely DNA extraction and PCR. Fluency in English, written and spoken, is essential.

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. €1064/month (MSc) or 798€ (BSc) + Social Security, <http://www.fct.pt/apoios/bolsas/valores>. 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 "NameCandidate_MetabolSepsis_BTI.pdf" to the email address sofiarebelo@igc.gulbenkian.pt

8. Methods of Selection and Evaluation: CV and previous experience (60%) and motivation letter (10%). If the jury finds it necessary, the references nominated by the candidates shall be consulted (10%) and in case of a tie, the candidates in this situation will be selected for interview (10%).

9. Jury Selection: Chairman: Miguel Soares, PhD. Other members: Rui Martins, PhD, and Jessica Thompson, PhD.

10. Form of Advertising / Notification of results: Candidates will be informed of the assessment result by email.

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11. Application Period: From 09.10.2020 until 22.10.2020.



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