

Cytoskeleton in Development and Disease

Two funded postdoctoral positions available in the Bettencourt-Dias Lab for up to 3 years.



Positions: The Bettencourt-Dias laboratory has **two postdoctoral/doctoral positions** for 12 months, with possibility to be renewed for up to 3 years, according to financing agency, available from September 2018.

Subject of activities: Our research focuses on the cytoskeleton in normal development, disease and evolution, with a focus on centrosomes and cilia. These structures are often altered in a variety of human diseases such as cancer and infertility. Our laboratory uses an integrated approach that combines cell biology, cutting edge microscopy, genetic and biochemistry studies in model organisms and in human cells, with bioinformatics, mathematical modeling and patient samples. For more detail on the projects see: <http://sites.igc.gulbenkian.pt/ccr/>.

One researcher will be dedicated to the study of centrosome stability and its relevance for organism development and homeostasis. See: Pimenta-Marques A et al, Science 2016; Borrego-Pinto J, J. Cell Biol, 2016.

The second position aims at investigating causes and consequences of centrosome deregulation in cancer. See: Lopes CAM et al, JCB 2018; Marteil G et al, Nat Commun 2018.

Research group: Cell Cycle Regulation Group- Monica Bettencourt-Dias, a highly international group at IGC see <http://sites.igc.gulbenkian.pt/ccr/>

The Gulbenkian Institute has a strong interdisciplinary environment, enthusiastic critical mass, great research facilities, and is the work place of people from all over the world (English is the official language of the institute). The institute hosts 36 research groups engaged in different aspects of biomedical sciences, offering a multidisciplinary, collaborative, environment where both computational and experimental approaches to key questions in molecular and cellular biology are pursued.

Academic Profile and Selection Criteria: We are seeking extremely motivated, organized and skilful scientists with a PhD degree in Biology, chemistry, biochemistry, physics or medicine. Experience using human tissue cultured cells or *Drosophila* is important. Also, immunostaining, fluorescence microscopy, live imaging and molecular biology will be greatly valued. The person should have a good level of written and spoken English.

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

6. Application Documents: Motivation letter, *Curriculum Vitae*, including two contacts for references should be sent to the e-mail address below, in a single PDF file named "CandidateName_Centriolestability_PD.pdf" or "CandidateName_CentroDereg_PD.pdf", according to the position.

Email: mfaria@igc.gulbenkian.pt.

7. Application Period: From 06/06/2018 until 30/06/2018