Independent Group Leader to Lead a Research Programme in
Super-Resolution Microscopy and Machine Learning
Instituto Gulbenkian de Ciência, Oeiras, Portugal

The Instituto Gulbenkian de Ciência (IGC) is looking for a highly motivated and ambitious Principal Investigator to lead a research group in the area of Super-Resolution Microscopy and Machine Learning applied to biomedical research.

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 modern facilities and an exciting research environment. IGC strategy also includes investment in outstanding central resources, participation and development of national and international networks and activities, as well as in public dissemination, outreach activities as well as promotion of science in the developing world (see more and quantitative info in http://www.igc.gulbenkian.pt/annualreport). The IGC has a vibrant environment, composed by approximately 400 people, 300 scientists, amongst which 30% are foreigners from over 40 nationalities.

ROLE:
• Establish a research programme that furthers the IGC as a flagship institution in the application of new imaging technologies to study cell biology and biomedicine.
• Participate in the organisation and delivery of seminars and courses for the Institute and the IGC Graduate Programme.
• Secure considerable external funding.
• Frequently publish in high-quality scientific peer-review journals.

REQUIREMENTS:
• PhD in Biology, Biophysics or Bioinformatics is mandatory.
• Have a solid experience in the application and development of Super-Resolution Microscopy and Machine Learning.
• Be experienced in developing analytical approaches in languages such as Java, Python, OpenCL.
• Experience in biology research and technology development for microscopy is essential.
• Prior experience in leading an internationally recognised academic research group.
• Knowledge of using Linux environments, Deep-Learning, assembly of optical devices and bioimage informatics is a plus.
• A track record in open-source development (hardware and software) will be valued.
• Capacity to work independently, line-manage others and as a part of a team are required.
• Good communication skills, including a good level of spoken English, which would enable a good communication and work in an international setting, are necessary.
• High commitment and a collaborative attitude are needed for this job.
• Troubleshooting capacity and attention to detail are extremely important.

WE OFFER
• Competitive salary depending on candidate level of expertise.
• Continuous training.
• Career development perspectives.
• Dynamic working atmosphere.

APPLICATION PROCESS:
Interested candidates should send to the email igcpositions@igc.gulbenkian.pt with the subject “IGC-Super-Resolution Microscopy”, one PDF file with Letter of Motivation (2 page max), vision, detailed Curriculum Vitae and contacts of two references.
The deadline for the applications submission is 30th November 2019.

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.