

PUBLIC NOTICE FOR THE AWARD OF A RESEARCH FELLOWSHIP

(1 vacancy)

Madeira Island, Portugal

Job Reference: CQM-17-06-BI-Nano

Within the project of Invited Chair in Nanotechnology at Madeira Chemistry Research Centre, financed by Santander Bank, the [Madeira Chemistry Research Centre](http://www.cqm.uma.pt) (CQM), University of Madeira, Funchal, Madeira Island, Portugal, is offering a grant for scientific research (M/F), in the following conditions:

Scientific area: Chemistry/Biochemistry/Materials (nanotechnology for medical applications).

Admission requirements: The candidates must have a Bachelor degree or currently be a Master or Ph.D. candidate in Chemistry, Biochemistry, Materials science or in related fields. Preference will be given to candidates with experience in nanomaterials for CT imaging.

Working Plan: Hypoxia-responsive dendrimer-entrapped gold nanoparticles modified with tirapazamine for CT imaging and enhanced radiation therapy.

Laws and applicable regulation: Portuguese Law n. 40/2004, of 18 of August (Research Grant Holder Statute); Regulations for Research Grants of the Foundation for Science and Technology and Grants Regulation of the University of Madeira.

Workplace: The work shall be carried out at the Madeira Chemistry Research Centre of the University of Madeira, under the guidance of Prof. Xiangyang Shi and Prof. Helena Tomás. For further details visit CQM webpage at <http://cqm.uma.pt>.

Duration of the grant: The grant will last 4 months; the work is due to start in November 2017. The grant contract is not extendable.

Value of monthly maintenance allowance: The monthly stipend of the grant is €745, according to the stipend table awarded directly by the Portuguese Foundation for Science and Technology (FCT), which can be found at <http://www.fct.pt/apoios/bolsas/valores>.

Selection Methods: By evaluation of the *Curriculum Vitae* (50%) and the research experience relevant for the working plan (50%).

Jury composition: Prof. Xiangyang Shi (President), Prof. Helena Tomás (effective member), Doctor Carla Alves (effective member), and Prof. João Rodrigues (substitute member).

Results disclosure: The final evaluation results (ordered list based on the obtained classification) will be disclosed at Madeira Chemistry Research Centre website (<http://cqm.uma.pt>) and at the Unidade de Projetos e Cooperação (UPC) website (<http://upc.uma.pt>). The selected candidate will be informed by e-mail.

Deadline and submission of applications: The call is open from 13th to 27th of June 2017 (17h, Portuguese time). The applications must be submitted exclusively by e-mail to cqm.applications@mail.uma.pt indicating the reference "CQM-17-06-BI-Nano" in the email subject, together with the following documents:

- Application letter
- Detailed *Curriculum Vitae*
- Academic certificates in Portuguese or translated to English (certified translation);
- One-two pages detailing the research experience relevant for the working plan.

Complaints: Complaints must be submitted by email to gabinetedareitoria@uma.pt within the legal deadlines.

The selection process will be based on the principle of non-discrimination in respect of gender, age, nationality, religion, racial group, or any other possible discriminatory issue. Selection will be made only based on merit and following the European Charter for Researchers, the Code of Conduct for the Recruitment of Researchers (Commission Recommendation, Brussels, 11.3.2005, 2005/251/EC) and the recommendations from the San Francisco Declaration on Research Assessment (DORA).