

PUBLIC NOTICE FOR THE AWARD OF A RESEARCH FELLOWSHIP

(1 vacancy)

Madeira Island, Portugal

Job Reference: CQM-18-03-BI-Nano

Within the project of Invited Chair in Nanotechnology, the [Madeira Chemistry Research Centre](#) (CQM), University of Madeira, Funchal, Madeira Island, Portugal, is offering a grant for scientific research (M/F), in the following conditions:

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

II. Admission requirements: The candidates must have a Bachelor degree in Chemistry, Biochemistry, Materials science or in related fields. Preference will be given to candidates with experience in the chemistry of dendrimer-metal complexes.

III. Working Plan: Synthesis and characterization of PAMAM dendrimers modified with 8-hydroxyquinoline-2-carboxylic acid for metal ion chelation for chemotherapy and imaging applications.

IV. 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.

V. 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>.

VI. 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.

VII. 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>.

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

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

X. Results disclosure: The final evaluation results (ordered list based on the obtained classification) will be disclosed at the websites of the Human Resources Unit - University of Madeira (<http://urh.uma.pt>), and the Madeira Chemistry Research Centre (<http://cqm.uma.pt>). The selected candidate will be informed by e-mail.

XI. Deadline and submission of applications: The call is open from September 19 to October 2 (17h, Portuguese time). The applications must be submitted exclusively by email to nucleo.bolseiro@mail.uma.pt, mentioning the grant reference CQM-18-03-BI-Nano, 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.

XII. Complaints: Complaints must be submitted by email to nucleo.bolseiro@mail.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).