

## POST DOCTORAL RESEARCH GRANT

**Organic Chemistry and Natural Products Laboratory, Madeira Island, Portugal**  
**Job Reference: CQM-13-13/BPD-PTDC/CTM-CER/121295/2010**

Within the framework of the project CLAYCATS4 - Clay catalysts for biomass conversion, PTDC/CTM-CER/121295/2010, [Centro de Química da Madeira](#) (CQM), University of Madeira, Funchal, Madeira Island, Portugal, supported by the Portuguese Foundation for Science and Technology (FCT)/Portuguese Ministry of Education and Science (MEC)/(PIDDAC) is seeking researcher (M/F) holding a **PhD in Chemistry, Material Sciences, Biochemistry** or related fields **with experience in Chromatography and Spectroscopic techniques**, to perform several tasks of the referred project under supervision of the PI, in the following conditions:

**Scientific Area:** Chemistry/Natural products or Materials Sciences

**Admission requirements:** The candidates must have a PhD degree in Chemistry, Material Sciences, Biochemistry or in other similar area. It is requested good experience in Chromatography and Spectroscopy and curriculum in the field of Organic Chemistry and/or Heterogeneous Catalysis.

**Working plan:** 1) Preparation and Characterization of clay based catalysts; 2) Evaluation of catalytic capacity of modified clay material towards organic reaction, namely the auto and exo-etherification of glycerol.

**Applicable laws and regulations:** Portuguese Law n. 40/2004, of 18 of August (Research Grant Holder Statute); Regulations for Research Grants of the Foundation for Science and Technology 2012 and Grants Regulation of the University of Madeira.

**Work place:** The work will be developed at Madeira Chemistry Research Centre, Organic Chemistry and Natural Products Laboratory (NatLab), under the supervision of Prof Paula Castilho. For further details, visit CQM web pages at <http://bit.ly/wQs1qe>.

**Grant length:** The grant is expected to begin in November 2013 and end in October 2014, renewable up to January 2015.

**Value of monthly maintenance allowance:** The scholarship amounts to € 1495 per month, according to table values of the scholarships awarded directly by FCT in Portugal (<http://alfa.fct.mctes.pt/apoios/bolsas/valores>).

**Selection method:** Selection will be made based on the *Curriculum Vitae* of the candidates and in the analysis of other relevant documents.

**Jury composition:** Profs Paula Castilho (President), Pedro Pires, Cesar Fernandes, João Rodrigues (substitute member).

**Results disclosure:** The final evaluation results (ordered list based on the obtained classification) will be disclosed in Madeira Chemistry Research Centre internet site (<http://cqm.uma.pt>). The selected candidate will be informed by e-mail.

**Deadline and submission of applications:** The call is open from 23<sup>rd</sup> of September to 5<sup>th</sup> of October 2013 (17h, Portuguese time). The candidatures must be done via e-mail to [cqm@uma.pt](mailto:cqm@uma.pt), mentioning the reference **CQM-13-13/BPD-PTDC/CTM-CER/121295/2010**, together with the following documents:

- Motivation letter;
- A brief statement of the applicant current research interest and how they fit with the project's programme (Max. 2 A4 pag.);
- Detailed *Curriculum Vitae*;
- Academic certificates in Portuguese or translated to English (certificated translation);
- Recommendation letters or name and e-mail contacts of two referees

CQM follows the European Charter for Researchers, the Code of Conduct for the Recruitment of Researchers (Commission Recommendation, Brussels, 11.3.2005, 2005/251/EC), and is committed to the principle of equity in employment and welcomes applications from all qualified individuals.