

RESEARCH GRANT

Organic Chemistry and Natural Products Laboratory, Madeira Island, Portugal

Job Reference: CQM-15-04/BI-PTDC/CTM-CER/121295/2010

Two vacancies

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 for two researchers (M/F) holding a **Master Degree in Chemistry, Biochemistry, Material Sciences** or related fields **with experience in Spectroscopic techniques and Molecular Modelling**, 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 Master degree in Chemistry, Biochemistry, Material Sciences or in other similar area. It is requested good hands-on experience in Spectroscopy and Molecular modelling expertise in the field of Organic Chemistry and Catalysis.

Working plan: 1) Characterization of clay based catalysts; 2) computational evaluation of the catalytic properties of the clay-based materials for glycerol modification, namely the esterification and auto and exo-etherification.

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 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 April 2015 and end in July 2015.

Value of monthly maintenance allowance: The scholarship amounts to € 980 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 candidates' CV, analysis of other relevant documents and availability.

Jury composition: Prof. Paula Castilho (President of the Jury), Prof. Pedro Pires, Prof. Cesar Fernandes, Prof. José Câmara (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 16th to 27th of March 2015 (17h, Portuguese time). The applications must be submitted via e-mail to cqm@uma.pt, mentioning the reference CQM-15-04/BI-PTDC/CTM-CER/121295/2010, together with the following documents:

- Motivation letter;
- 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.