

Research Fellowship (Master) (M/F)

A research grant is available for scientists who currently hold a Master degree in Science or Engineering disciplines, within the framework of project PTDC/EQU-EQU/113310/2009, entitled “AdTechP2 - Advanced Separation Technologies for the Protein Purification”, FEUP - Faculty of Engineering of University of Porto, financed by national funds by FCT/MCES (PIDDAC) and co-funded by European Regional Development Fund (ERDF) through the COMPETE - Factors of Competitiveness Operational Programme (POFC), in following conditions:

Scientific area: Engineering.

Requirement for applicants: Master degree in Chemical Engineering or Bioengineering or Environmental Engineering or Chemical or Physics or Biochemical or similar.

Work plan: The researcher will work on the project AdTech-P2, which is focused on advanced technologies of protein purification. The main objective is to separate classes of proteins of high relevance in pharmacology (considered in cancer therapy). Liquid chromatography is one of the dominant techniques in the separation of proteins.

Legislation and regulations: Law no. 40/2004, dated August 18 (Status of Scientific Research Fellow), Regulations for Advanced Training and Qualification of Human Resources 2010 and Grants Regulation of the University of Porto.

Workplace: The work will be developed in LSRE - Laboratory of Separation and Reaction Engineering, Faculty of Porto University, under the supervision of Dr. Eduardo Alberto Borges da Silva.

Duration and scope of activity: The fellowship will be for a period of 12 months and will begin on 01/04/2011, on an exclusive basis. The grant contract may be renewed up to the end of the project execution.

Value of monthly maintenance allowance: According to the table of values of Research Grants from FCT (980EUR/month) <http://alfa.fct.mctes.pt/apoios/bolsas/valores> . Payment made by bank transfer.

Methods of selection: Selection methods will be based on the following: curriculum evaluation and interview, with their valuation by 40% and 60%. (Only the first three candidates as a result of CV evaluation may be invited for interview.)

Juri selection: Dr. Eduardo Silva (FEUP), Prof. Dr. Luis Pais (IBP), Dr. Antonio Ribeiro (IPB); suplentes: Dra. Paula Pinto (FEUP), Dr. Alexandre Teixeira (FEUP).

Form of advertising / notification of results: The final evaluation results will be publicized through an alphabetical list (for the final grade obtained) posted in a public place at DEQ / FEUP, being the approved applicant notified by e-mail.

Deadline for application form and submission of applications: The period for application is open from 5th to 24th March, 2011.

Applications must be formalized, necessarily, by sending a letter of application and the following documents:

- Motivation letter;
- *Curriculum vitae*;
- Copy of Identity card;
- Copy of certificates (Graduation and Master);
- Copy of the list of classes attended (Graduation and Master) and marks obtained
- Two reference letters (not compulsory, but favourable on the classification process)

Applications should be sent to:

Dr. Eduardo A. Borges da Silva

REF: Projecto AdTech-P2

LSRE - Laboratório de Processos de Separação e Reacção; DEQ - Faculdade de Engenharia da Universidade do Porto; Rua Dr. Roberto Frias, s/n; 4200-465 Porto

Porto, 23 de Fevereiro de 2011

Eduardo A. Borges da Silva