



Campus de Gualtar
4710-057 Braga – P

Universidade do Minho
Escola de Ciências

Departamento de Biologia

Centro de Investigação e de Tecnologias Agro-Ambientais e Biológicas (CITAB)

3-Year Scientific Research Fellowship - Plant Biotechnology, University of Minho, Portugal (BI-1-PTDC/AGR-GPL/ 119211/2010)

Under the Project - PTDC/AGR-GPL/ 119211/2010

A Research Fellowship (BI) for Master degree holders is open in the project **PTDC/AGR-GPL/ 119211/2010**. This project is co-funded by the Foundation for Science and Technology (FCT), through national funds (PIDDAC), and by the European Fund for Regional Development (FEDER) through the COMPETE - Competitive Factors Operational Program (POFC).

1. Scientific Area: Plant Biotechnology/ Plant Molecular Biology

2. Requirements: Master degree in Plant Science, Biotechnology, Agriculture or related field with minimum two years research experience in areas related to the project. i) Agrobacterium mediated transformation of crop plants; ii) Gene cloning, vector construction and molecular analyses of transgenic plants; iii) Experience in using bioinformatics tools to interpret sequence data.

3. Plan of work: The plan of the work will be as the tasks described in the project, in particular: i) to investigate the molecular mechanisms underlying the induction of plant defense response during transformation ii) to investigate the potential role of bacterial components in this event iii) Agrobacterium mediated transformation of model as well as crop/ medicinal plant species.

4. Legislation and regulations: Lei N°. 40/2004, de 18 de Agosto (Estatuto do Bolseiro de Investigação Científica); Regulamento da Formação Avançada e Qualificação de Recursos Humanos 2010 (<http://alfa.fct.mctes.pt/apoios/bolsas/regulamentos>).

5. Place of work: This work will be performed at CITAB-UM, Department of Biology, School of Science, University of Minho under the scientific guidance of Dr. Franklin Gregory.

6. Duration of scholarship: The scholarship will start from May 1, 2012. Initial contract is for 12 months, which is extendable for an additional 24 months based on work progress.

7. Value of the Scholarship: The monthly remuneration is € 980.00, according to the table of values of grants awarded directly by the FCT, I.P. in the Country





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8. Method of selection: The following selection method will be used to all applicants who meet the admission requirements. i) Master's degree in relevant area of the project (10%), ii) Previous experience in genetic transformation of crop plants (20%), iii) Experience in molecular biology techniques (20%), Bioinformatics skills (20%), iv) Scientific publications (30%).

9. Composition of the Selection Jury: The Jury is composed of Franklin Gregory (Assistant Prof. President of the Jury), Alberto Dias (Assistant Prof. DB-UM) and Rui Oliveira (Assistant Prof. DB-UM). Alternate members of the jury are Ana Cunha (Assistant Prof. DB-UM) and Cristóvão Lima (Assistant Prof. DB-UM).

10. Form of disclosure / notification of results: The final evaluation results will be notified via email to all the applicants.

11. Application deadline and forms for submission of applications: Applications for the above position will be accepted from March 23 to April 5, 2012. Applicants should send their letter of motivation, detailed curriculum vitae, copy of certificate of academic qualifications and other documents and / or letters of recommendation that the candidate considers relevant for the application.
Applications can be delivered personally, by e-mail or sent by postal mail to:

UNIVERSIDADE DO MINHO

Departamento de Biologia

A/c Dr. Franklin Gregory

Campus de Gualtar

4710-057 Braga

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