



Pos Doc position available*

*Depending on application for a FCT fellowship until June 27th 2011
<http://alfa.fct.mctes.pt/apoios/bolsas/concursos/>.

The group of **Functional Biochemistry and Proteomics** (CCMAR-Universidade do Algarve) is offering a Pos Doc fellowship in the area of Protein Biochemistry and Proteomics. The fellowship area of research will be included in ongoing funded FCT projects PTDC/SAU-ESA/101186/2008 "Studies for the establishment of GRP as a biomarker for vascular calcification" PTDC/SAU-ORG/112832/2009 "The application of proteomics to human articular cartilage: A new approach for the identification of osteoarthritis biomarkers".

The main interests of our research group are in the area of Biomedical Sciences Research and Technology with a special focus on vitamin K dependent proteins. Recently, we have been involved in the discovery of a new *Gla Rich Protein* (GRP) that is a potent new biomarker for diseases associated with abnormal calcification of tissues that do not normally calcify namely early cardiac disease, vascular calcification, atherosclerosis, tumor calcification and skin calcinosis.

This team has great interests in developing research projects within the area of Biomedical Research and Technology around GRP, specifically focused on the validation of this protein as a new potential biomarker of ectopic calcification related pathologies (International Patent Request PCT/PT2009000046 explored by GenoGla Diagnostics).

Requirements:

Candidates should be fluent in English, have a competitive CV (e.g., marks, experience) and have a PhD in the area of Biochemistry, Medical Sciences, Molecular Biology or related areas; Experience in Proteomics. Candidates must have interest and availability for performing part of the research work in other European Research Institutions.

Application: Candidates should apply by e-mail, sending detailed CV, motivation letter and a recommendation letter / contacts to Dina Costa Simes (dsimes@ualg.pt; Professor UALG and Researcher at CCMAR)

Deadline for expression of interest: **June 9th 2011.**