



PhD 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 PhD fellowship in the area of Protein Biochemistry and Molecular Biology.

This PhD fellowship will be included in funded FCT projects ongoing in our laboratory. 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 interest 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 like vascular calcifications, calcinosis in skin and osteoarthritis. (International Patent Request PCT/PT2009000046 (UALG) licensed to GenoGla Diagnostics).

Requirements: graduated with final grade ≥ 16 or a Master in the area of Biochemistry, Medical Sciences, Molecular Biology, Pharmaceuticals or related areas. For a graduate student some laboratory experience will be necessary. The candidate has to be interested and available for performing part of the practical work for the PhD in other European Research Institutions.

Supervisors: Dina Costa Simes (dsimes@ualg.pt ; Professor at Universidade do Algarve/Researcher at CCMAR) and PhD Carla Viegas (caviegas@ualg.pt; PhD researcher at CCMAR)

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). First deadline for expression of interest: April 20th. **Deadline as been extended to June 9th.**

