



PhD position available

The EcoBio Center of the Tropical Research Institute is offering a PhD fellowship* in the area of Protein Biochemistry and Molecular Biology.

The main interest of the proponent research group is bacterial bioenergetics with special emphasis on the investigation of sodium transport mechanisms in pathogenic bacteria. Sodium movement across the membranes pathogenic is poorly studied, in spite of its major importance to the comprehension of infection strategies by these microorganisms. The PhD thesis proposed herein is focused on the functional and structural characterization of the mechanisms of sodium transporters in the pathogenic bacterium *Neisseria meningitidis* and its relevance to the physiology and the infectious process of the meningococcus. The research works will take place at IICT and at Hohenheim University and will be co-supervised by Ana M.P. Melo <http://www2.iict.pt/archive/doc/CV-AnaMelo-en.pdf> and Julia Steuber. <https://www.uni-hohenheim.de/1597.html?typo3state=persons&lsfid=7828&L=1>

Requirements: graduated with final grade ≥ 16 and a Master in Biology, Biochemistry, Applied Chemistry, or related areas. Previous laboratory experience will be valued.

Application: Candidates should apply by e-mail, sending detailed CV, motivation letter and recommendation letter/contacts to Ana M.P. Melo (ana.portugal.melo@sapo.pt;) until

Deadline for expression of interest: **April 30th.**

*Depending on application for a FCT fellowship in **May 2011**
<http://alfa.fct.mctes.pt/apoios/bolsas/concursos/>.