



Postgraduate studentship in Bioanalysis at Dublin City University

Applications are invited for a postgraduate studentship position (MSc leading to PhD) at Dublin City University, to start September 2014.

The project is funded by Alltech Ireland (see <http://global.alltech.com/ireland>), whose European Bioscience Centre is located in Dunboyne, Co. Meath (see <http://www.alltech.com/about/locations/europe/ireland>).

Alltech is a leader in the animal health industry, developing and manufacturing natural ingredients as nutritional feedstuffs. The company currently employs almost 3,600 staff worldwide and has manufacturing facilities in 80 countries.

The research aims to further our understanding of how certain Alltech products can enhance cellular antioxidant systems and exert a protective effect on DNA in particular. In this context, cellular and biochemical assays will be used to measure DNA strand breaks, modifications to histone proteins, alterations to cytokine profiles and the secretion of selected metabolites in response to DNA damage/repair.

This is an excellent opportunity to work in collaboration with a leading global Biotechnology industry partner.

The graduate student will be based in the School of Biotechnology/School of Chemical Sciences at DCU but it is envisaged that they would also spend some time over the period at the Dunboyne facility (about 20 minutes from DCU). The student will be jointly-supervised by **Dr. Blánaid White** and **Dr. Dermot Walls** at DCU.

Applications are invited by email and should include the (i) candidate's CV, (ii) the names of two referees (one of whom should be an academic) and (iii) a clear outline of why this postgraduate opportunity is of interest to the candidate.

Suitable applicants should hold or expect to hold a First Class or Upper Second Class Honours Science degree. Experience in cell culture techniques and Flow Cytometry, although not essential, would be an advantage.

The student will receive a stipend of €16,000 excluding student fees which will be paid by Alltech. This project is funded by Alltech Inc.

Applications should be emailed directly to **both** of the following addresses: dermot.walls@dcu.ie and blanaidwhite@dcu.ie

Application deadline: Wednesday July 16th 2014.