



Biomedical Diagnostics Institute

Technical Officer / Senior Technical Officer (Temporary Contract to 31 March 2013)

Based in Dublin City University (DCU), the Biomedical Diagnostics Institute was established in 2005 through a Science Foundation Ireland Centre for Science, Engineering & Technology award, and industry funding. The Biomedical Diagnostics Institute (BDI) carries out cutting-edge research focused on the development of next-generation biomedical diagnostic devices measuring indicators of disease.

Duties & Responsibilities:

Reporting to the BDI Director, the Technical Officer will:

- Establish SOPs for the running and maintenance of the antibody screening facility in the BDI
- Organise daily maintenance and management of the facility including scheduling of instrument use
- Act as contact person for use of key instruments/facilities e.g. Biacore
- Train staff on key pieces of equipment and ensure SOP compliance in the BDI. Examples of key pieces of equipment include the Biacore optical biosensors and fluorescent microscopes
- Keep accurate records of maintenance and instrument use
- Design and execute biomolecular interaction experiments on the Biacore 4000 for internal and external collaborators. Prepare detailed research reports on the experiments and record the data in a DCU lab book according to the BDI's IP procedures
- Provide research support to BDI staff on key research projects within the BDI e.g. the PP2 DiCAST project
- Liaise with BDI researchers and management to ensure protocols, documentation and legislation requirements are adhered to
- Ensure the laboratory space and the antibody screening facility is kept clean and tidy and that a cleaning log is kept
- Help with the supervision of students and researchers in relation to project work and, in particular, specific research projects
- Prepare research reports for presentation at weekly research group meetings
- Assist in preparations for industrial, collaborator and review visits

- Assist in the preparation of relevant publications, posters and presentations
- Undertake specific tasks as requested in relation to activities outlined

Experience & Qualifications:

Applicants must have a minimum of an honours degree in a relevant discipline (Molecular Biology / Biotechnology)

As the individual will work within a multidisciplinary research team, excellent communication skills are essential.

Salary Scale: **€34,518 - €57,760 (LSI)**

This salary scale may be affected by the provisions of the 2011 Budget. Appointment will be commensurate with experience and may be subject to the first point of the salary scale.

Closing Date: **18th November 2011**

Application forms are available from:

Human Resources Department, Dublin City University, Dublin 9.

Tel: +353 (0)1 700 5149 Fax: +353 (0)1 700 5500

E-mail: hr.applications@dcu.ie

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