



JOB DESCRIPTION

Technical Officer

Translational Research – Cancer Clinical Research Trust

National Institute for Cellular Biotechnology/ Cancer Clinical Research Trust

Fixed Term Contract up to 3 Years

Dublin City University

Dublin City University www.DCU.ie is a young, ambitious and vibrant University, with a mission ‘to transform lives and societies through education, research, innovation and engagement’. Known as Ireland’s ‘University of Enterprise and Transformation’, it is committed to the development of talent, and the discovery and translation of knowledge that advances society and the economy. DCU is the Sunday Times Irish University of the Year 2021.

The University is based on three academic campuses in the Glasnevin-Drumcondra region of north Dublin. It currently has more than 18,000 students enrolled across five faculties – Science and Health, DCU Business School, Computing and Engineering, Humanities and Social Sciences and DCU Institute of Education. DCU is committed to excellence across all its activities. This is demonstrated by its world-class research initiatives, its cutting-edge approach to teaching and learning, its focus on creating a transformative student experience, and its positive social and economic impact. This exceptional commitment on the part of its staff and students has led to DCU’s ranking among the top 2% of universities globally. It also consistently features in the world’s Top 100 Young Universities (currently in QS Top 70 Under 50, Times Higher Top 150 Under 100).

DCU is placed 84th in the world, in the Times Higher Education University Impact Rankings – measuring higher education institutions’ contributions towards the UN Sustainable Development Goals. Over the past decade, DCU has also been the leading Irish university in the area of technology transfer, as reflected by licensing of intellectual property.

The National Institute for Cellular Biotechnology and the Cancer Clinical Research Trust

The National Institute for Cellular Biotechnology (www.nicb.ie) based at DCU’s Glasnevin campus is a multidisciplinary centre for research on human cell biology and medicinal chemistry, with emphasis on research with application to cancer, diabetes, obesity, ocular diseases and the biopharmaceutical industry. It features advanced core facilities in proteomics, microscopy and gene expression microarray analysis and houses a large collection of human cell lines. The Cancer Clinical Research Trust is a registered charity which supports a cancer research program which is based throughout many leading institutions in Dublin. The primary focus of our work is “translational research”, that is research which spans the laboratory and the clinic. The Cancer Clinical Research Trust is dedicated to reducing the burden of cancer suffering through the development of improved treatment for cancer patients

Role Profile

The objective of the post is to provide technical support and contribute to ongoing research carried out by the National Institute for Cellular Biotechnology in Dublin City University and St Vincent's University Hospital for the CCRT project. The project is funded by Cancer Clinical Research trust.

Duties and Responsibilities

The duties and responsibilities of the position include, but are not restricted to, the following:

- Patient sample collection and processing which will include patient biological samples (Blood, DNA, RNA and Stool samples).
- Creating and maintaining patient databases for future research studies
- Establishing relationships with key stakeholders in St Vincent's University hospital
- Assisting with material transfer agreements and ethical submission to DCU and St Vincent's University Hospital.
- Co-ordinate the receipt, storage and shipment of clinical samples to DCU and SVUH
- General lab duties as required including co-ordinating inventory checks of liquid nitrogen and -80°C freezers.
- Training students/interns as required.
- Complying with statutory legislation and Department rules and requirements in furtherance of your own and general staff welfare and safety
- Undergoing programmes of training and development as may be required. This can include training in techniques such as the Immunohistochemistry.
- Representing the best interests of the Department/College at all times

Qualifications and Experience

The successful individual will hold a degree in the area of cancer biology or a related discipline.

Please note: Progression to Senior Technical Officer and beyond requires a Master's Degree qualification or equivalent.

In addition to the above, the successful candidate should possess a subset of the following skills and experience.

- The candidate will ideally have 3 years' research/industrial experience.
- Strong Project Management Skills with a track record of project implementation.
- Experience in the management of information as a resource together with a familiarity with methods of data collection and the application of appropriate research methodologies.
- Strong organisational and administrative skills with the ability to focus on and produce results and prioritise objectives.
- Ability to make decisions and meet deadlines.
- Demonstrates an effective communication style appropriate to audience and situation.
- Computer skills including MS office suite and GraphPad Prism
- Patient sample processing and storage including human biological samples
- Processing, and cutting of FFPE samples and experience of Immunohistochemistry
- Experience in generating tissue microarrays would be beneficial
- Knowledge of ethical submission systems
- Database generation and updating

- Experience of statistical analysis

Mandatory Training

The post holder will be required to undertake the following mandatory compliance training: Orientation, Health and Safety and Intellectual Property and Data Protection training. Other training may need to be undertaken when required.