



Applications are invited from suitably qualified staff for the following position:

Research Centre	National Institute for Cellular Biotechnology
Post title	Research Assistant in Proteomics
Post duration	11 Months Fixed Term Contract

Dublin City University

Dublin City University (DCU) 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’, DCU is a values-based institution, committed to the delivery of impact for the public good. DCU was named Sunday Times Irish University of the Year 2021.

DCU is based on three academic campuses in the Glasnevin-Drumcondra region of north Dublin. More than 18,000 students are 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 delivering a transformative student experience, and its positive social and economic impact. The university continues to develop innovative programmes in collaboration with industry, such as the DCU Futures suite of degrees, which are designed to equip graduates with the skills and knowledge required in a rapidly evolving economy.

DCU’s pursuit of excellence has led to its current ranking among the top 2% of universities globally. It is also one of the world’s Top Young Universities (QS Top 100 Under 50, Times Higher Top 150 Under 100). In the Times Higher Education University Impact Rankings 2021, DCU ranked 23rd in the world for its approach to widening participation in higher education and its ongoing commitment to eradicating poverty, while it ranks 38th globally for its work in reducing inequality and 89th globally for gender equality.

The university is ranked 23rd in the world and first in Ireland for its graduate employment rate, according to the 2020 QS Graduate Employability Rankings. Over the past decade, DCU has been the leading Irish university in the area of technology transfer, as reflected by licensing of intellectual property.

National Institute for Cellular Biotechnology

The National Institute for Cellular Biotechnology (www.nicb.ie) is a multidisciplinary centre for research on human cell biology and medicinal chemistry, with emphasis on research with application to cancer, diabetes, obesity and the biopharmaceutical industry. It features advanced core facilities in proteomics, microscopy and mammalian cell culture, housing a large collection of human cell lines. The NICB prioritises translational research involving collaborations with industry and with clinicians.

Background & Role

We are seeking a Research Assistant to join a growing research group. The role will involve the preparation of samples for the proteomic and mass spectrometry analysis of Chinese hamster ovary (CHO) cells, the principal host cell line used in biopharmaceutical production of biotherapeutics.

Principal Duties and Responsibilities

Reporting to his/her Principal Investigator the Postdoctoral Researcher will:

- Conduct, with a very high degree of technical competence, a specified programme of research under the supervision and direction of the Principal Investigator.
- Assist in the development of methodology and the preparation of samples from cell lines for proteomic and mass spectrometry analysis of mammalian cells used for biopharmaceutical production.
- Communicate research efforts, including compiling reports and presenting findings at group meetings.
- Carry out administrative work associated with the programme of research as necessary.

Minimum Criteria

Applicants should have an undergraduate degree in biochemistry/bioanalytical sciences or equivalent.

In addition, it is desirable the candidate has

- Experience in protein analytical techniques
- Excellent written and oral proficiency in English
- Excellent written and verbal communication and interpersonal skills
- A proven ability to prioritize workload and work to strict deadlines
- An ability to work in as part of a multidisciplinary team and to take responsibility to contribute to the overall success of the team

Essential Training

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