



Faculty of Science & Health
SCHOOL OF BIOTECHNOLOGY
Full Professor of Biomedical Sciences
(Permanent Position)

Dublin City University (www.dcu.ie) is a research-intensive, globally-engaged, dynamic institution that is distinguished by both the quality and impact of its graduates and its focus on the translation of knowledge into societal and economic benefit. Excellence in its education and research activities has led to DCU's ranking in the top 2% of universities globally. The Faculty of Science and Health (FSH) seeks to consolidate Life Sciences research across its constituent schools and to drive the core mission of DCU to address critical global challenges using a multidisciplinary approach.

The School of Biotechnology has a strong leadership role in life science research and education within the University, and is closely linked to the National Institute of Cellular Biotechnology (NICB) (<http://www.dcu.ie/biotechnology/centresandgroups.shtml>). The School now seeks to appoint a Professor of Biomedical Sciences. The appointee will contribute to the development of life sciences education and research at DCU and will provide vision and leadership for the NICB as Director. Applications for the Professorship will be considered from accomplished academics in any area of life science but would be particularly welcome from the areas of:

- Precision Health/Medicine
- Stem Cells/Regenerative Medicine
- Chronic Disease
- Healthy Ageing

International candidates will be encouraged to apply to Science Foundation Ireland's Research Professorship Programme (<http://www.sfi.ie/funding/funding-calls/sfi-research-professorship/index.xml>).

The post holder will have established a highly competitive research programme in one or more of the above areas with evidence of significant success in attracting external funding and leading in major research initiatives. The successful candidate will also be expected to contribute to the School's undergraduate and/or postgraduate degrees and undertake certain administrative functions related to the activities of the School of Biotechnology, its associated research centres and the Faculty of Science and Health.

The School

The School of Biotechnology is the academic unit leading life science education and research at DCU. It delivers two BSc undergraduate degrees in Genetics and Cell Biology (GCB), Biotechnology (BT), in addition to two taught MSc degree programmes in Bioprocess Engineering (MSBE) and Diagnostics & Precision Medicine (MSDPM). It has additional substantial input into undergraduate degrees in Analytical Science and Environmental Science and Health. The School has a postgraduate complement of fifty research MSc/PhD students training under its structured PhD graduate programme, *BioTranslate*.

It is an active centre of basic, applied and multi-disciplinary research, supporting a defined cluster of intersecting research themes which link closely with the School's teaching programmes. The School and associated research centres offer core facilities and technical support in the areas of Molecular Biology, Bioinformatics, Cell Characterisation, Proteomics and Bioprocessing. Research projects fall into either or both of the general categories of 'Health/Ageing/Disease' and 'Industry-Associated'. They bring together a critical mass of multidisciplinary life sciences researchers that are strategically positioned to pursue national and international opportunities for research and innovation. The

excellence of SoBT research is reflected by funding success from many national and international sources (including direct funds from industry) and the quality of its published and other outputs.

Key Responsibilities

Research

To lead research activity in School of Biotechnology, its associated Research Centres and the Faculty of Science and Health by:

- Creating a vision for and leading the development of life sciences research as Director of NICB.
- Publishing new ideas and findings in top tier international journals.
- Seeking funds from external agencies and/or organisations to support personal and School research initiatives.
- Leading the development of collaborative and interdisciplinary research within the School and wider university.
- Providing research mentorship to early career academics.
- Leading the dissemination of research via the hosting of research conferences, seminars etc.
- Enhancing the reputation of the School in the international research community via conference presentations, journal editorships, external examining, etc.
- Developing and leveraging international research networks to enrich the research activity of the School.
- Enriching the research culture and environment in the School.

Teaching

- To lead teaching and learning activity in the School of Biotechnology by:
 - Delivering teaching in a manner consistent with the highest academic standards.
 - Using a wide range of teaching and assessment methodologies that foster a deep approach to learning and which equip students with the skills and attributes needed to be lifelong learners.
 - Leading the design and development of new programmes and modules that align with the School's strategy.
 - Enriching the scholarship of teaching within the School.
 - Fostering a culture of teaching innovation within the School.

Person Specification

Applications are invited from academics with a track record of achievement and leadership within the broad area of Biomedical Sciences.

The successful candidate will have an international reputation for high quality research. More specifically, she/he must have a PhD (related to his/her teaching or research expertise), a track record of publishing in high quality journals, a clearly defined research plan with a pipeline of future publications and activities, experience of seeking external research funding and evidence of effective research collaborations and networks. In terms of teaching and learning, she/he must have deep experience of teaching and programme development at both undergraduate and postgraduate levels, evidence of teaching excellence and innovation and a record of successful PhD supervision. Evidence of effective external engagement (academia, business community and wider society) is highly desirable and applicants must demonstrate a commitment to such activities that are in keeping with School's mission and strategy and DCU's position as Ireland's University of Enterprise.

Candidates must demonstrate excellent interpersonal and communication skills consistent with the highest quality of teaching, research, management and external engagement, together with evidence of successful teamwork and a collegial approach. The successful candidate will play an important role in the further enrichment of the School's national and international reputation and she/he must display

clear leadership attributes and skills and have the ability, and interest, to inspire and motivate colleagues with regard to all areas of activity of the School of Biotechnology.

Informal enquiries to:

Dr. Anne Parle-McDermott, Associate Professor, Head of School, School of Biotechnology, Dublin City University, Dublin 9.

E-mail: anne.parle-mcdermott@dcu.ie Telephone: + 353 1 700 8499

Salary scale:

Professor €114,740-€144,186*

* Appointment will be commensurate with qualifications and experience, and will be made on the appropriate point of the Professor Salary scale in line with current Government pay policy.

Closing date: 30th June 2018

Application Procedure:

Application forms are available from the DCU Current Vacancies (Open Competitions) website at <http://www4.dcu.ie/hr/vacancies/current.shtml> and also from the Human Resources Department, Dublin City University, Dublin 9. Tel: +353 (0) 1 700 5149; Fax: +353 (0) 1 700 5500 Email: hr.applications@dcu.ie

Please clearly state the role that you are applying for in your application and email subject line:
Job Ref. # 811 Full Professor of Biomedical Sciences

Applications should be submitted by e-mail to hr.applications@dcu.ie or by Fax: +353 (0)1 700 5500 or by post to the Human Resources Department, Dublin City University, Dublin 9, Ireland.

Dublin City University is an equal opportunities employer