



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

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| <b>School</b>        | <b>School of Biotechnology</b>                           |
| <b>Post title</b>    | <b>Research Assistant<br/>in Molecular Ecotoxicology</b> |
| <b>Post duration</b> | <b>11 Months FTC (0.8 FTE)<br/>Two positions</b>         |

### **Dublin City University**

Dublin City University (DCU) is a leading innovative European University. It is proud to be one of the world's leading Young Universities and is among the world's top 2% globally. DCU is known as Ireland's University of Impact, with a mission to 'transform lives and societies' and focuses on addressing global challenges in collaboration with key national and international partners and stakeholders.

DCU has over 20,000 students in five faculties spread across three academic campuses in the Glasnevin-Drumcondra area of North Dublin. Thanks to its innovative approach to teaching and learning, the University offers a 'transformative student experience' that helps to develop highly sought-after graduates. DCU is currently No. 1 in Ireland for Graduate Employment Rate, and for graduate income (CSO).

DCU is a research-intensive University and is home to a number of SFI-funded Research Centres. The University participates in a range of European and international research partnerships. DCU is also the leading Irish university in the area of technology transfer as reflected by licensing of intellectual property.

As a 'People First' institution, DCU is committed to Equality, Diversity and Inclusion - a University that helps staff and students to thrive. The University is a leader in terms of its work to increase access to education, and is placed in the world's Top 10 for reducing inequalities in the Times Higher Education Impact Rankings.

### **Background & Role**

The School of Biotechnology ([www.dcu.ie/biotechnology](http://www.dcu.ie/biotechnology)) is the academic unit that leads biological sciences, life sciences, biotechnology and bioprocess engineering education and research within the Faculty of Science & Health at Dublin City University (DCU). The School delivers both undergraduate B.Sc [Genetics and Cell Biology (GCB), Biotechnology (BT), Bioprocessing (BP), Environmental Science & Technology (EST) and Analytical Science for Biologists (AS)] and taught M.Sc postgraduate degree programmes [Biotherapeutics (MBT),

Bioprocessing Engineering (MSBE), Diagnostics and Precision Medicine (MDPM)] in addition to the education and training of research MSc and PhD students under its structured PhD programme, BioTranslate. It is an active centre of basic, applied and multidisciplinary research, supporting clusters of intersecting research themes which link closely with the School's teaching programs.

The School prides itself for research in molecular ecotoxicology and risk assessment in the context of freshwater biology. With a newly established Daphnia culturing facility and a breadth of collaborations abroad with analytical facilities in the area of metabolomics, research in this field has led to recent innovative publications and funding from Science Foundation Ireland and the Irish Research Council. In the context of this research the School has a research trajectory to tackle the lack of realism in safeguarding the environment which is reflected on the minimal detection of pollutants and the inability of common analytical methods to capture the whole spectrum of pollutants or even predict pollution before it reaches precarious levels. The School's remit of research aims to answer key questions on how to protect the freshwater ecosystem and develop more sensitive molecular tools to assist monitoring which is the focus of the advertised positions.

### **Principal Duties and Responsibilities**

Please see attached job description for principal duties and responsibilities of the role.

### **Qualifications and Experience**

#### **Essential Criteria**

- Applicants must have a primary degree or equivalent (NFQ Level 7) in Analytical, Environmental Sciences or relevant scientific field

#### **Desirable Criteria**

- Experience in biochemical techniques such as but not limited to enzyme kinetics, molecular techniques, culturing organisms
- A background in ecotoxicology and risk assessment
- Experience in culturing of daphnids and algae or relevant training

#### **Essential Training**

The postholder will be required to undertake the following essential compliance training: Orientation, Health & Safety and Data Protection (GDPR) and all Cyber Security Awareness Training. Other training may need to be undertaken when required.

**Salary Scale:** Research Assistant Salary Scale - €29,275 - Point 1 (Pro-rata)

**Closing date:** Tuesday, 22<sup>nd</sup> August 2023.

**For more information on DCU and benefits, please visit [Why work at DCU?](#)**

Dr Konstantinos Gkrintzalis, Assistant Professor in the School of Biotechnology,  
Dublin City University. Phone + 353 (0)1 7007391

Email: [konstantinos.gkrintzalis@dcu.ie](mailto:konstantinos.gkrintzalis@dcu.ie)

**Application Procedure:**

Application forms are available from the DCU Current Vacancies website at <https://www.dcu.ie/hr/vacancies-current-vacancies-external-applicants>

Applications should be submitted by e-mail with your completed application form to [konstantinos.gkrintzalis@dcu.ie](mailto:konstantinos.gkrintzalis@dcu.ie)

**Please clearly state the role that you are applying for in your application and email subject line: Job Ref #RF1888/#RF1889 *Research Assistant in Molecular Ecotoxicology***

*Dublin City University is an equal opportunities employer.*

*In line with the Employment Equality Acts 1998 – 2015, the University is committed to equality of treatment for all those who engage with its recruitment, selection and appointment processes.*

*The University's Athena SWAN Bronze Award signifies the University's commitment to promoting gender equality and addressing any gender pay gaps. Information on a range of university policies aimed at creating a supportive and flexible work environment are available in the [DCU Policy Starter Packs](#)*