



<b>Research Centre:</b>	<b>National Institute for Cellular Biotechnology</b>
<b>Post title:</b>	<b>Post-doctoral researcher bioinformatician / Computational biology</b>
<b>Level on Framework:</b>	<b>Level 1</b>
<b>Post duration:</b>	<b>Fixed Term Contract up to 9 Months</b>

#### **Research Career framework**

As part of this role the researcher will be required to participate in the [DCU Research Career Framework](#). This framework is designed to provide significant professional development opportunities to researchers and offer the best opportunities in terms of a wider career path. DCU has a strong track record in attracting both Irish and European Union research funding under Horizon 2020 (and all previous Framework Programmes), Marie Curie Actions and Erasmus. We offer a dynamic and internationally-focused environment in which to advance your academic career.

#### **Background & Role Profile**

An SFI funded post-doctoral position in bioinformatics/computational biology is available to join the team of Assistant Professor Naomi Walsh (<https://www.dcu.ie/nicb/people/naomi-walsh.shtml>). The successful candidate will join her team to identify genomic variants involved in cancer development, progression and drug resistance. Experience in analysing GWAS and next generation sequencing (whole exome, RNA-seq and ChIP-seq) is required as the candidate will perform bioinformatic research and statistical analysis from published sources, cell line models and organoids developed by the PI's research team.

#### **Duties and Responsibilities:**

Please refer to the job description for a full list of duties and responsibilities associated with this role.

## **Qualifications and Experience:**

### **Minimum Criteria**

The successful candidate must hold a PhD in bioinformatics/biostatistics/computer science with research in a relevant scientific / cancer area.

### **Desirable Criteria**

In addition to this, candidates should ideally have experience in processing, analysis and visualisation of DNA/RNA sequencing data. Experience in pipeline development, particularly with CUT&RUN and clonal evolution and tumour heterogeneity assessments is also desirable. Candidates should be enthusiastic and willing to work on research projects as part of a multidisciplinary team working closely with laboratory scientists and clinicians.

### **Candidates will be assessed on the following competencies:**

**Discipline knowledge and Research skills** – Demonstrates knowledge of a research discipline and the ability to conduct a specific programme of research within that discipline.

**Understanding the Research Environment** – Demonstrates an awareness of the research environment (for example funding bodies) and the ability to contribute to grant applications.

**Communicating Research** – Demonstrates the ability to convey their research with their peers and the wider research community (for example presenting at conferences and publishing research in relevant journals) and the potential to teach and tutor students.

**Managing & Leadership skills** - Demonstrates the potential to manage a research project including the supervision of undergraduate students.

**Salary Scale:** Point 1 to 5 of the Postdoctoral Researcher Scale IUA €38,632 – €43,410

*Appointments will be commensurate with qualifications and experience and will be made on the appropriate point of the salary scales, in line with current Government pay policy.*

**Closing Date:** Wednesday 11<sup>th</sup> of November 2020

**Informal enquiries should be directed to:**

Dr. Naomi Walsh, Assistant Professor in the School of Biotechnology/National Institute for Cellular Biotechnology (NICB)

**E-mail:** [naomi.walsh@dcu.ie](mailto:naomi.walsh@dcu.ie)

**Tel:** 01 7005912

*Please do not send applications to this email address, instead apply as described below.*

**Application Procedure**

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

Applications must be submitted by e-mail to [hr.applications@dcu.ie](mailto:hr.applications@dcu.ie)

**Please clearly state the role that you are applying for in your application and email subject line:** Job Ref #RF1432 Post-doctoral researcher bioinformatician / Computational biology

**Dublin City University is an equal opportunities employer and is committed to promoting gender equality reflected in its attainment of the Athena SWAN Bronze Award. Information on a range of university policies aimed at creating a supportive and flexible work environment are available at [www4.dcu.ie/policies/policy-starter-packs.shtml](http://www4.dcu.ie/policies/policy-starter-packs.shtml).**