



**Post-doctoral in Bioinformatician Computational Biology  
School of Biotechnology  
14 Month Fixed Term Contract**

**Research Centre** National Institute for Cellular Biotechnology  
**Career Framework** Level 1

Applications are invited from suitably qualified candidates for the above position.

**Background**

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.

**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.

**Duties and Responsibilities:**

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

**Minimum Criteria**

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

**Qualifications and Experience: The successful candidate will have the following:**

- Experience with processing, analysis and visualisation of DNA/RNA sequencing data is essential.
- The ability to work independently and as part of a team, and proven communication,

- organisational, and problem solving skills are essential.
- Candidates should be enthusiastic and willing to work on research projects as part of a multidisciplinary team working closely with laboratory scientists and clinicians.

**The competencies which will be examined for this post are:**

**Discipline Knowledge & Research skills:** Demonstrates the ability to design and/or implement a substantial programme of research including initiating and leading new research programmes (for example by using critical judgement and an understanding of new research methodologies).

**Understanding the Research Environment:** Demonstrates a thorough understanding of the research environment both nationally and internationally, the ability to secure significant research funding and where relevant the ability to apply for intellectual property rights and/or patents for their research.

**Communicating Research:** Demonstrates excellence in communicating their research nationally and internationally (for example by publishing in high quality peer reviewed journals of international standing and through invitation to participate in commercial research) and the ability to deliver teaching based on their own research.

**Managing & Leadership skills:** Successfully leads and manages research programmes including the management and supervision of a small research team and the financial management of research programmes.

**Salary:** Post-doctoral Researcher Level 1, point 1-5 €37,874 – €42,559

\*Appointment will be commensurate with qualifications and experience

**Closing date:** 17/09/2019

**Informal enquiries to:**

All enquiries to [naomi.walsh@dcu.ie](mailto:naomi.walsh@dcu.ie) or Ph 017005912.

*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 (open Competitions) website at <http://www.dcu.ie/vacancies/current.shtml> and from the Human Resources Department, Dublin City University, Dublin 9. Tel:+353 (0) 1 7005149.

**Please clearly state the role that you are applying for in your application and email subject line: Job Ref #RF1270 Post-doctoral in Bioinformatician Computational Biology.**

Applications and CV should be submitted by email to [hr.applications@dcu.ie](mailto:hr.applications@dcu.ie) or by post to the Human Resources Department, Dublin City University, Dublin 9.

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