



Post title:	Post-doctoral Position in Immunology/Vaccine research
Research Group:	Fundamental and Translational Immunology Group
School:	School of Biotechnology
Post title:	Postdoctoral Researcher Level 1
Post duration:	Fixed term up to 11 months

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:

We are seeking post-doctoral researcher for an SFI funded project focusing upon the development of a commercial viable helminth vaccine. The project focuses upon understanding the immune modulatory mechanisms of helminth derived proteins and glycoproteins on innate immune cells and examining the immune responses to these molecules as potential vaccine candidates in animal models. The project is part of SFI funded collaborative program between researchers based in DCU, UCD and QUB as well as research groups across Europe.

Principal Duties and Responsibilities

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

1. Conduct a specified programme of research under the supervision and direction of the Principal Investigator
2. Deliver research outputs and provide input into reports as required according to project management schedules
3. Attend and present results as required at project progress meetings
4. Maintain and up-to-date lab-book
5. Assist in identifying and developing future research and funding initiatives
6. Engage in the dissemination of the results of the research in which he/she is engaged with the support of and under the supervision of the Principal Investigator
7. Supervise and assist undergraduate students working in this area with their research

8. Engage in appropriate training and development opportunities as required by the Principal Investigator, the School or Research Centre, or the University.
9. Engage in teaching and teaching support as assigned by the Head of School under the direction of the Principal Investigator
10. Liaise with both internal and external stakeholders including industry and academic partner/collaborators.
11. Carry out administrative work associated with the programme of research as necessary.

Minimum Criteria

Applicants should have a PhD in Biochemistry or Immunology. The applicant should have some experience in cell culturing, animal models of disease and immune analysis or has experience isolating proteins/glycoproteins from pathogen sources. In addition, it is desirable that the candidate has considerable experience in flow cytometry confocal techniques for cell characterisation, has a background in glycobiology or vaccine development.

Salary: €36,845

Closing date: 18th May 2018

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 communicate 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 projects including the supervision of undergraduate students.

Application Procedure Informal enquiries to:

Associate Professor Sandra O'Neill,
School of Biotechnology,
DCU,
Dublin 9,
Ireland E-mail: sandra.oneill@dcu.ie

Please do not send applications to this email address, instead apply as described below Application forms are available from the DCU Current Vacancies (open Competitions) website at <http://www.dcu.ie/vacancies/current.shtml> and also from the Human Resources Department, Dublin City University, Dublin 9. Tel: +353 (0) 1 7005149.

Please clearly state in the email subject line and in your application the role you are applying for: Job Ref #867 Post-Doctoral Researcher Immunology/Vaccine research.

Applications should be submitted by email to hr.applications@dcu.ie or by Fax: +353 (0)1 7005500 or by post to the Human Resources Department, Dublin City University, Dublin 9. Human Resources Department, Dublin City University, Dublin 9. Tel: +353 1 700 5149; Fax: +353 1 700 5500 Email: hr.applications@dcu.ie

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