



Two Post-doctoral positions in Immunology/Vaccinology

Research Group

Fundamental and Translational Immunology Group, School of Biotechnology

Post title

Postdoctoral Researcher Level 1

Post duration

Up to 2 years

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.

Background & Role

We are seeking post-doctoral researcher for two projects funded through H2020 and SFI both of which are part of a consortium focusing upon developing a commercial viable helminth vaccine. One of the projects focuses upon understanding the immune modulatory mechanisms of helminth derived proteins and glycoproteins on innate immune cells while the second is isolating and examining the immune responses to these molecules as potential vaccine candidates in animal models. The projects are part of SFI and H2020 funded collaborative programs 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: €37,750 to €38,860

Closing date: 29th July 2015

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:

Dr. 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 #146 Post-Doctoral Researcher Immunology/Glycobiology

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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