

| | |
|---------------------------|--|
| Research Centre | Molecular Therapeutics for Cancer Ireland and National Institute for Cellular Biotechnology |
| Post title | Postdoctoral Researcher (Translational Breast Cancer Research) |
| Level on Framework | Level 1 |
| Post duration | Up to 36 months fixed term contract |

As part of this role the successful candidate will be required to participate in the DCU Research Career Framework (<http://www.dcu.ie/hr/ResearchersFramework>). 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:

The Irish Cancer Society-funded BREAST-PREDICT Collaborative Cancer Research Centre (www.breastpredict.com) brings together the expertise and support of 6 academic institutions across Ireland (UCD, TCD, RCSI, DCU, NUIG and UCC) and a nationwide clinical trials group (ICORG) in the areas of population-based, translational and clinical cancer research. This country-wide centre, which is supported to the level of €7.5 million by the Irish Cancer Society, was set up in October 2013, and will run for a period of five years.

The main focus of the centre is to harness patient information and clinical data on a national level, in order to determine how to treat individual breast cancer patients according to the particular characteristics of their cancer. The programme will also include testing new treatment strategies, either by more accurately pinpointing those patients who will respond well to a particular drug, or by identifying new combinations of drugs. We will also develop new tools for improved prediction of patient outcome and response to treatment.

Applications are invited for a Postdoctoral position on the BREAST PREDICT programme based in Dublin City University, within the National Institute for Cellular Biotechnology (NICB, www.nicb.ie), under the supervision of Dr Norma O'Donovan and Professor John Crown. The successful candidate will join a multi-disciplinary team working with academic scientists, clinicians and industrial partners.

The research project will focus on identifying novel therapeutic targets for breast cancer and performing systematic preclinical evaluation of novel targets and therapies *in vitro* and *in vivo*.

Principal Duties and Responsibilities

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

- Conduct a specified programme of translational cancer research under the supervision and direction of the Principal Investigators
- Assist in identifying and developing future research and funding initiatives
- 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 Investigators
- Supervise and assist more junior researchers working in this area with their research
- Engage in appropriate training and development opportunities as required by the Principal Investigators, the Research Centre or related School(s), or the University
- Engage in teaching and teaching support as assigned by a relevant Head of School under the direction of the Principal Investigators

- Liaise with both internal and external stakeholders including industry and academic partners/collaborators
- Carry out administrative work associated with the programme of research as necessary.

Minimum Criteria

Applicants should have a PhD in Cancer Biology with specific expertise in cell culture, protein analysis, molecular biology, interrogation of cell signalling and functional validation of target genes. In addition, it is desirable that applicants have experience in preclinical evaluation of drugs *in vitro* and *in vivo*. Evidence of excellent scientific communication skills (both written and oral) is highly desirable.

Salary: €37,750 - €40,003*

Appointment will be commensurate with qualifications and experience

Closing date: 31st August 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 project including the supervision of undergraduate students.

Informal enquiries to:

Dr Norma O'Donovan, NICB, DCU

Tel: +353-1-7007497, E-mail: norma.odonovan@dcu.ie

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://www4.dcu.ie/hr/vacancies/current.shtml> and also from the Human Resources Department, Dublin City University, Dublin 9. Tel: +353 (0)1 700 5149; Fax: +353 (0)1 700 5500 Email: hr.applications@dcu.ie

Please clearly state the role that you are applying for in your application and email subject line: Job Ref #144 Postdoctoral Researcher (Translational Breast Cancer Research)

Applications should be submitted by e-mail to hr.applications@dcu.ie or by Fax: +353 (0)1 700 5500 or by post to the Human Resources Department, Dublin City University, Dublin 9.

Dublin City University is an equal opportunities employer.