Research Centre                 National Institute for Cellular Biotechnology (NICB)

Post title                      Postdoctoral Researcher Level 1 - Cell Culture

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
Animal cells, especially the Chinese hamster ovary cell line (CHO), are the most important production vehicle for making recombinant human proteins, such as cytokines and antibodies, for human therapeutic use. This field represents an important opportunity for future development of the Biopharmaceutical industry and a significant area for employment of scientists in Ireland. Understanding of the basic biology underpinning the CHO production system is lacking - the field has developed on a pragmatic basis without a high level of understanding of the cellular molecular biology involved.

This project will be part of a large SFI-funded collaborative program between researchers based in DCU, TCD and NIBRT as well as several Irish-based multinational Biopharmaceutical companies that are focused on studying the effect of various chemicals on Chinese Hamster Ovary (CHO) cell lines. In particular it will look at the effect of various agents derived from modern disposable bioreactor materials on the biology, gene expression and protein expression profiles of industrially-relevant CHO cell lines.

Principal Duties and Responsibilities

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

- Conduct a specified programme of research under the supervision and direction of the Principal Investigator
- 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 Investigator
- Supervise and assist undergraduate students working in this area with their research
- Engage in appropriate training and development opportunities as required by the Principal Investigator, the School or Research Centre, or the University.
- Engage in teaching and teaching support as assigned by the Head of School under the direction of the Principal Investigator
• 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 cell biology or a related discipline. In addition, it is desirable that the candidate has considerable experience in animal cell culture techniques and preferably also general bio-chemical techniques such as Western Blotting and RT-PCR.

Salary: €37,750 - €41,181 Subject to experience and qualifications

Closing date: Friday 17th April 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.

Application Procedure

Informal enquiries to:
Prof. Martin Clynes, National Institute for Cellular Biotechnology, DCU, Dublin 9
E-mail: martin.clynes@dcu.ie

Application Procedure
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.

Clearly state in the email subject line and in your application the role you are applying for:
Job Ref #52 Postdoctoral Researcher Cell Culture (NICB)

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.

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