

Biomedical Diagnostics Institute

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Research Centre

Biomedical Diagnostics Institute

Post title

Post-Doctoral Researcher

Post duration

6 months – full time fixed term

Background and role:

A team at the Biomedical Diagnostics Institute (BDI) in Dublin City University is leading the development of a novel test for early diagnosis of colorectal cancer. They have recently been awarded funding under the Enterprise Ireland Innovation Partnership funding programme to develop an array-based system which detects unique autoantibody signatures in serum. These activities are being undertaken with an industrial partner with leading expertise in diagnostic applications.

As part of this activity we wish to recruit a post-doctoral researcher to focus on protein expression, purification and immunoassay development.

Principle Duties and Responsibilities

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

- Be expected to ensure that reagents provided to the industrial partner are contaminant-free, and suitable for use in an array-based assay format.
- Be required to provide documentation relevant to the protocols used to express and purify these proteins, and adhere to strict project timelines.
- Actively engage with a project integration manager and industry partner representative to ensure that project objectives are met.
- 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
- 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

The successful individual must have a PhD in a relevant discipline such as proteomic characterisation, immunoassay development and clinical sample analysis. In addition, the successful candidate will:

- Understand analytical validation and verification processes.
- Be highly productive and capable of adhering to a defined project plan and tight deadlines.
- Be pro-active and capable of using their initiative.
- Have excellent communication skills with the ability to work with a very cross-disciplinary team of scientists, clinicians, medical staff, commercialisation specialists and management.

Salary: €37,750

Closing date: Friday 19th June, 2015

Application Procedure

Informal enquiries to:

Barry Byrne, Integration Manager at the BDI: barry.byrne@dcu.ie

The application form, CV & cover letter, should be sent to Barry Byrne, Integration Manager at the BDI: barry.byrne@dcu.ie

Please clearly state the role that you are applying for in your application and email subject line: Job Ref #94: Postdoctoral Researcher - Randox

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.

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