Postdoctoral Researcher

Microfluidics and Polymer Microfabrication

(6 Month Contract)

Based at Dublin City University (DCU), the Biomedical Diagnostics Institute (www.bdi.ie) was established in 2005 through a Science Foundation Ireland Centre for Science, Engineering & Technology (CSET) award, in addition to significant industry funding. The BDI carries out cutting-edge research focused on the development of next-generation biomedical diagnostic devices measuring indicators of disease. Our world-class research team currently includes four industry partners (Analog Devices, Becton Dickinson, Inverness Medical Innovations and Biosurfit), and five clinical and academic partners including the Royal College of Surgeons Ireland (RCSI) in Dublin, the National Centre for Biomedical Engineering Science (NCBES) at NUI Galway, Tyndall National Institute (TNI) in University College Cork, Trinity College Dublin (TCD) and the host institution at Dublin City University (DCU).

Role
Applications are now invited from qualified and motivated individuals for the position of Postdoctoral Researcher. The role will primarily focus on the development of miniaturised bioassay devices.

Duties & Responsibilities
The successful candidate will be required to:

- Design and fabricate miniaturised microfluidic devices
- Integrate biological assay materials
- Develop working prototypes for clinical application

In addition, the successful candidate will join a highly focused, multi-disciplinary team working across academic, industrial and clinical environments.

Qualifications & Experience
The successful candidate will hold a minimum of a PhD in a related discipline in microsystems, bioMEMS, particularly in polymer-based microfluidics with one to two years postdoctoral experience in the field of device fabrication and bioassay integration. Experience with research commercialisation and industry liaison would also be desirable.

Further Information
For further information on general aspects of this position please contact:
Dr. Tony Killard, Principal Investigator
Email: tony.killard@dcu.ie

Salary scale: €37,750 - €46,255
Subject to experience and qualifications

Closing date: 27\textsuperscript{th} July 2012

Informal Enquiries to: Prof. Tony Killard, BDI. E-mail: tony.killard@dcu.ie
Application Procedure:
Applications should include a CV and covering letter and be submitted with the application form as outlined below.

Application forms are available from:
http://www.dcu.ie/vacancies/APPLICATION FORM 8pg.doc and from Human Resources Department, Dublin City University, Dublin 9. Tel: (01) 700 5149; Fax: (01) 700 5500
Email: hr.applications@dcu.ie

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