



Postdoctoral Researcher

Fluorescence Lifetime Microscopy

(12 Month Contract)

The National Biophotonics & Imaging Platform Ireland (NBPI) provides an integrated national access and training infrastructure in research, education, technology development and industry collaboration for Ireland's investment in Biophotonics and Bioimaging. Under the HEA Programme for Research in Third Level Institutions (PRTL I V), the Platform was recently awarded €30 million in research funding.

The NBPI Group is located within the National Centre for Sensor Research (NCSR; www.ncsr.ie) at Dublin City University.

Duties and Responsibilities:

Applications are invited for a Postdoctoral Researcher National Biophotonics and Bioimaging Platform and School of Chemical Sciences, Dublin City University, Ireland. The Postdoctoral Researcher will work on a project funded under the SFI Investigator Research Programme involving the development and study of microcavity array supported phospholipid bilayers and whole cells. The experimental work will focus on Fluorescence Lifetime Correlation Spectroscopy (FCS), Fluorescence Lifetime Imaging (FLIM) and particle tracking along with associated computational data treatment.

Person specification:

We seek a qualified candidate with a Ph.D. in biophotonics / optics or related areas and experience in fluorescence microscopy, particularly fluorescence lifetime imaging.

The successful candidate will work in a interdisciplinary research environment

integrating chemical synthesis, interfacial assembly and advanced quantitative microscopy techniques available the National Biophotonics and Bioimaging Platform

The initial appointment will be 12 months with possibility of renewal contingent upon funding and performance.

Informal enquiries to:

Prof. Tia Keyes, NBIP, DCU.

E-mail: tia.keyes@dcu.ie

Salary scale: €37,750 - €43,643

Subject to qualifications and experience

Closing date: 26th October 2011

Application forms are available from:

www.dcu.ie/vacancies/APPLICATION_FORM_8pg.doc

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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