



**Postdoctoral Researcher**  
**Interfacial Lipid Bilayer Assembly**  
**(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](http://www.ncsr.ie)) at Dublin City University.

**Duties and Responsibilities:**

Applications are invited for a Postdoctoral Researcher to work in the National Biophotonics and Bioimaging Platform and School of Chemical Sciences, Dublin City University, Ireland.

The successful candidate 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. These arrays will be studied using confocal fluorescence, fluorescence lifetime imaging and Raman microscopy. He/she will work within an interdisciplinary research team focusing on the development of lipid bilayers on gold and polymeric nanoarrays for suspension and study of membrane proteins.

**Person specification:**

We seek a qualified candidate with a Ph.D. in biophotonics / optics or related areas with a proven track record of accomplishment in lipid membrane assembly and interfacial chemistry. Candidates who combine skills in surface/interfacial modification chemistry and interfacial spectroscopy particularly fluorescence, and/or Raman Microscopy and SERS are particularly sought.

The position is available immediately initially for a year with the possibility of extension to further year.

**Informal enquiries to:**

Prof. Tia Keyes, NBIP, DCU.

E-mail: [tia.keyes@dcu.ie](mailto:tia.keyes@dcu.ie)

**Salary scale:** €37,750 - €43,643

*Subject to qualifications and experience*

**Closing date:** 26<sup>th</sup> October 2011

**Application forms are available from:**

[www.dcu.ie/vacancies/APPLICATION\\_FORM\\_8pg.doc](http://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](mailto:hr.applications@dcu.ie)

*Dublin City University is an equal opportunities employer*