



PostDoc Job Opportunity



DUBLIN CITY UNIVERSITY	First Name	Last Name	email	Institute	Address
PI name & contact details:	Robert	O'Connor	robert.oconnor@dcu.ie	DUBLIN CITY UNIVERSITY	Glasnevin, Dublin 9, Ireland.
School:	Nursing and Human Sciences				
Research Centre/ group affiliation:	NICB				
Research group/ centre website:	www.nicb.dcu.ie				

Brief summary of research group/centre activity:

Our research focuses on investigating methods to improve the activity of cancer drug treatments using biological and analytical methodology.

Description of postdoctoral project on offer:

Utilising cell culture based assays, transcriptomics proteomics and bioinformatic approaches, the project will focus on investigating predictive markers of breast cancer treatment response. In particular evaluating response to new targeted therapies such as tyrosine kinase inhibitors and monoclonal antibodies. In recent years, these targeted therapies have come to the forefront in breast cancer treatment; however, as of yet there we have no effective means of predicting the patients who will benefit from these treatments. Both protein and gene targets will be examined for their role in cell line responses to these treatments which could have the potential to be used as a biomarker or diagnostic of response.

Please indicate the core skills or disciplines that are required for this position:

Cell culture, PCR, western blotting