

24-month Post-Doctoral Researcher Functional Genetics

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The Nutritional Genomics Group at Dublin City University (DCU) under the supervision of Principal Investigator Dr. Anne Parle-McDermott, are seeking a **Post-doctoral researcher** (PD) to work on an SFI funded project '*Deciphering the function of the human Dihydrofolate reductase 2 gene*'. This is a collaboration with Prof. Nicholas Greene of the Institute of Child Health at University College London under the joint funding programme Science Foundation Ireland and the UK's Biotechnology and Biological Sciences Research Council (BBSRC). The **positions will commence on the 1st October 2017** and will be based at Dublin City University and has a duration of **24 months**.

Role: The successful candidate will join the Nutritional Genomics Group at DCU and will drive the setting up of the genome edited cell line models. The PD will execute and/or supervise experiments in these *in vitro* cell models to elucidate the transcriptional and translational control of DHFR2 (and DHFR) and its role in Folate One Carbon Metabolism and development.

Qualifications & Experience The successful candidate will hold a Ph.D in the area of cell and molecular biology or a closely related discipline. Candidates must have experience in mammalian cell culture and those candidates with specific experience in the growth of iPSCs and their differentiation are particularly encouraged to apply. Candidates that also have experience in any or all of the following techniques will have a distinct advantage: genome editing, FACs, recombinant protein expression, gene expression & protein translation methodologies.

Informal Enquiries To: Dr. Anne Parle-McDermott, Email: anne.parle-mcdermott@dcu.ie; Phone: +353-1-7008499. The application procedure is described below and applications should not be sent to this email address. **Further information:** <http://www4.dcu.ie/hr/vacancies/current.shtml>

Salary scale: €37,750 - €38,860 per annum

Closing date: 5th July 2017

Application details: Application forms are available from the DCU Current Vacancies (open Competitions) website at <https://www.dcu.ie/hr/vacancies/current.shtml> and also from the Human Resources Department, Dublin City University, Dublin 9. Tel: +353 (0) 1 7005149.

Applications should be submitted by email to hr.applications@dcu.ie or by Fax: +353 (0)1 7005500 or by post to the Human Resources Department, Dublin City University, Dublin 9. Human Resources Department, Dublin City University, Dublin 9. Tel: +353 1 700 5149; Fax: +353 1 700 5500 Email: hr.applications@dcu.ie

Please clearly state the role that you are applying for in your application Job Ref #570- Post Doc Researcher- Functional Genetics

Dublin City University is an equal opportunities employer