



PostDoc Job Opportunity



DUBLIN CITY UNIVERSITY	First Name	Last Name	email	Institute	Address
PI name & contact details:	Donal	O'Gorman	donal.ogorman@dcu.ie	DUBLIN CITY UNIVERSITY	Glasnevin, Dublin 9, Ireland.
School:	Health and Human Performance				
Research Centre/ group affiliation:	Centre for Preventative Medicine				
Research group/ centre website:	www.preventativemedicine.ie				

Brief summary of research group/centre activity:

Dr. O'Gorman's research focuses on metabolic physiology and how it can lead to the pathophysiology and treatment of type 2 diabetes. In particular, work in the lab focuses on the contribution of physical activity and sedentary to the whole body regulation of insulin sensitivity and energy expenditure as well as the cellular regulation of gene expression and mitochondrial function.

Description of postdoctoral project on offer:

The mechanisms of altered amino acid metabolism in individuals at high risk of type 2 diabetes before and after a 12-week lifestyle intervention. This study follows from an EU FP7 project that identified biomarkers that predict the onset of type 2 diabetes and are responsive to changes following a lifestyle intervention. The project involves analysis of muscle biopsies collected during the trial and in vitro experiments to explore the underlying mechanisms.

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

Physiology or Exercise physiology, cell biology, clinical research