

UNIVERSITY OF
BIRMINGHAM

Postdoctoral Research Fellow – The role of hyperglycaemia and inflammation in the metabolic adaptations to exercise in type 2 diabetes.

University of Birmingham

Location:	Birmingham	Placed on:	13th August 2015
Salary:	£28,695 to £39,685	Closes:	10th September 2015
Hours:	Full Time	Job Ref:	55248
Contract Type:	Contract / Temporary		

A 3 year, full-time postdoctoral research fellowship is available in the group of Dr Thomas Solomon at the School of Sport, Exercise, and Rehabilitation Sciences, at the University of Birmingham.

Dr Solomon is seeking a talented, motivated, and hard-working individual to join an integrative metabolism group, working on a project aiming to determine the role of hyperglycaemia and inflammation in the metabolic adaptations to exercise in type 2 diabetes.

The successful candidate will have a bachelor/masters degree in biochemistry, biomedical sciences, or exercise physiology and a PhD in a similar discipline, with expertise in cell biology and rodent biology methods and a solid knowledge of integrative physiology. Expertise in metabolic and/or inflammatory diseases, such as type 2 diabetes, is essential. Experience with rodent islet isolation and handling will be an advantage. Experience in conducting exercise training and/or high fat feeding interventions will also be an advantage. Expertise in basic science methods such as PCR, Western blotting, ELISA/RIA, and immunohistochemistry will be expected, and experience with the use of isotopic tracers and measuring microRNA expression will be beneficial.

The candidate should be highly-motivated, with a strong desire for career development. She/he will be expected to work independently and take a leading role on assigned projects, but will receive training where required. Excellent communication skills will be essential, and a track record of publications in high-ranked peer-reviewed journals and experience of knowledge dissemination at scientific conferences will be an advantage.

The successful candidate will report to, and be supervised by, the principle investigator, Senior Lecturer Dr Thomas Solomon, who can be contacted at t.solomon@bham.ac.uk for further information or an informal discussion. The candidate will receive further support and supervision from Professor Gareth Lavery in the Centre for Endocrinology, Diabetes, and Metabolism.

Apply

Advert information

Type / Role:

[Academic or Research](#)

Subject Area(s):

[Biological Sciences](#) [Biology](#) [Biochemistry](#) [Other Biological Sciences](#)

Location(s):

Midlands of England