Faculty of Biological Sciences PhD Studentships - School of Biomedical Sciences

The Faculty of Biological Sciences is pleased to announce a number of fully-funded PhD studentships to start in Oct 2018, covering academic fees at UK/EU level and providing a stipend at research council rate (£14,777 for 2018-19) for 4 years. The following projects are eligible for funding. Please apply online, clearly stating which project/supervisor you are interested in and including a CV and transcripts.

The Faculty of Biological Sciences
Apply online

Deadline: 12th March 2018

Dr Graham Askew and team
Understanding the partitioning of metabolic energy use during running
https://www.findaphd.com/search/ProjectDetails.aspx?PJID=19761

Dr Al Benson and team
Systems-level understanding of calcium cycling control points in cardiac cells, and functional effects of their modification in heart failure
http://www.findaphd.com/search/ProjectDetails.aspx?PJID=55560

Prof. Karen Birch and team
Targeting the aging vasculature with exercise
https://www.findaphd.com/search/ProjectDetails.aspx?PJID=94801

Dr Scott Bowen and team
Uncovering the mechanisms of skeletal muscle cellular dysfunction in diabetic heart failure patients
https://www.findaphd.com/search/ProjectDetails.aspx?PJID=94808

Dr Sarah Calaghan and team
The role of oxysterols in cardiac dysfunction in diabetes
https://www.findaphd.com/search/ProjectDetails.aspx?PJID=37220

Dr Samit Chakrabarty and team
Development of physiologically-informed machine learning algorithms for identification of muscle synergies during static and dynamic motor tasks.
http://www.findaphd.com/search/ProjectDetails.aspx?PJID=48806

Prof. Jim Deuchars and team
Unravelling sensory signal processing of neck position and its control of autonomic function.
https://www.findaphd.com/search/ProjectDetails.aspx?PJID=2683
Dr Rene Frank and team  
Cryo-electron tomography of mammalian brain synapses  
https://www.findaphd.com/search/ProjectDetails.aspx?PJID=95142

Dr Lars Jeuken and team  
Bionic membrane stacks for bionanotechnology and biocatalysis using membrane enzymes  
https://www.findaphd.com/search/ProjectDetails.aspx?PJID=41267

Dr Lin-Hua Jiang and team  
TRPM2 channel mechanism of neuroinflammation and neurodegeneration in Alzheimer’s disease  
https://www.findaphd.com/search/ProjectDetails.aspx?PJID=5845

Dr Jamie Johnston and team  
Neural circuit function in the olfactory bulb  
https://www.findaphd.com/search/ProjectDetails.aspx?PJID=95297

Dr Jon Lippiat and team  
Exploring the structural basis of cell-specific behaviour and pharmacology of potassium channels.  
https://www.findaphd.com/search/ProjectDetails.aspx?PJID=6091

Dr Stephen Muench and team  
Molecular Basis for Receptor Tyrosine Kinase Activation and Signal Transduction in Cancer  
https://www.findaphd.com/search/ProjectDetails.aspx?PJID=43978

Dr Ralf Richter and team  
Biological physics of cell trafficking: Immune cell homing at the blood vessel wall  
https://www.findaphd.com/search/ProjectDetails.aspx?PJID=88112

Prof. Asipu Sivaprasadarao and team  
Mitochondrial dynamics in human disease: understanding the underlying mechanisms using cell biological and molecular approaches  
https://www.findaphd.com/search/ProjectDetails.aspx?PJID=59053

Dr Andrew Smith and team  
Modulation of cardiovascular progenitor stem cell development by targeting VEGF receptors  
https://www.findaphd.com/search/ProjectDetails.aspx?PJID=95321

Dr Bryan Taylor and team  
Ageing and Pulmonary Vascular Dysfunction in the General Population: contributing factors and potential interventions  
https://www.findaphd.com/search/ProjectDetails.aspx?PJID=74712

Dr Ian Wood and team  
Targeting protein acetylation to reduce microglia activation in neurodegenerative disorders  
https://www.findaphd.com/search/ProjectDetails.aspx?PJID=5558