

**Academy of Medical Sciences and Wellcome Trust  
Starter Grants for Clinical Lecturers**

**Grants awarded in June 2010**

<b>Grant holder</b>	<b>Institution</b>	<b>Research work</b>
Behdad Afzali	King's College London	Are ex vivo expanded human regulatory T cells safe and efficacious in pre-clinical models of human allograft rejection?
Edward Alabraba	University of Liverpool	Role of macrophages in regulating acute pancreatitis.
Shazad Ashraf	University of Oxford	How can PR1A3 (a humanised antibody that targets membrane-specific CEA) be most effectively used to treat human colorectal cancers? Can optimisation in the pre-clinical setting be translated to clinical studies?
Simon Atkins	University of Sheffield	Does modification of the inflammatory cytokine profile at a site of peripheral nerve repair reduce ectopic neural discharge, and hence reduce or prevent the development of neuropathic pain?
Gerhardt Attard	Institute of Cancer Research	Why do prostate cancer patients become resistant to endocrine therapy?
Matthew Daniels	University of Oxford	How do sarcomeric gene mutations that cause cardiomyopathy influence cardiomyocyte proliferation and survival?
Catherine Dotchin	Newcastle University	What is the prevalence, and nature, of dementia in the Hai district, Tanzania, and what are the local health beliefs about dementia?
Jurgen Herre	University of Cambridge	What is the role of murine and human leukocyte pattern recognition receptors in the uptake and subsequent inflammatory responses to <i>Aspergillus fumigatus</i> conidia?
Paul Keedwell	University of Cardiff	What are the roles of the CNS neurotransmitter GABA and GABA-A receptor gene polymorphisms in the pathophysiology of schizo-affective bipolar disorder (SABP)?
Cliona Kirwan	University of Manchester	In breast cancer patients, does plasma and tumour thrombin activation (TA) correlate with poor-prognosis epithelial phenotypes, and early disease recurrence?
Richard Lee	University of Bristol	Can Th17 cells be exploited as a biomarker and target for personalised immunotherapy in steroid refractory autoimmune conditions?

Siong-Seng Liau	University of Cambridge	Aim-1: To examine PDA progression in real-time by in vivo introduction of prooncogenic HMGA1 coexpressed with a fluorescent reporter Aim-2: To evaluate if HMGA1 promotes PDA progression through its downstream kinase pathways using a targeted mouse model Aim-3: To examine if HMGA1-related pathways are expressed in pancreatic intraepithelial neoplasia (PanIN) and PDA
Daniel Morganstern	University College London	What is the role of the immunomodulatory enzyme indoleamine-2,3-dioxygenase (IDO) in paediatric solid malignancies?
Gaia Nebbia	University College London	What is the contribution of co-inhibitory receptors to HBV-T cell dysfunction in HIV/HBV co-infected individuals?
James O'Connor	University of Manchester	Can oxygen-enhanced MRI produce biomarkers of tissue hypoxia and prognosis in clear cell renal cancer?
Adrian Parry-Jones	University of Manchester	What impact does blocking the actions of endogenous interleukin-1 have on histological, imaging and functional outcomes in experimental intracerebral haemorrhage?
Kourosh Saeb-Parsy	University of Cambridge	How do naïve and memory CD8 T cells receive help from CD4 T cells to cause allograft rejection?
Alex Shortt	University College London	How does Pax6 heterozygosity result in dysfunction of corneal epithelial stem cells.
Anurag Singh	University of Bristol	Which cellular factors regulate the human glomerular endothelial glycocalyx layer?
Christopher Smith	University of Warwick	What is the microvascular blood flow in the normal and pathological rotator cuff?
Matthew Taylor	University of Oxford	What is the effect on brain chemistry of treatment of hepatitis C with interferon- $\alpha$ ?
George Tofaris	University of Oxford	What are the factors that regulate the content of $\alpha$ -synuclein in cells?