

School of Medical Sciences Research Grants

May, June, July and August 2017

May 2017

PI	Affiliations	Funder	Title	Value
Maciej Tomaszewski	SMS: Division of Cardiovascular Sciences	British Heart Foundation	Biomarkers in Urine, Antihypertensive Treatment and Blood Pressure Control in Hypertensive Patients - OUTREACH Study.	£760k
Richard Unwin	SMS: Division of Cardiovascular Sciences	MRC	Investigating the Influence of Genetic Variation Associated with Age-Related Macular Degeneration on Plasma Levels of Complement Regulatory Proteins.	£471k
Mark Boyett	SMS: Division of Cardiovascular Sciences	British Heart Foundation	Heart Blocks in Heart Failure and the Athlete - The Role of a Novel Mechanism.	£145k
Natalie Gardiner	SMS: Division of Diabetes, Endocrinology & Gastroenterology	EFSD	Understanding How Dysregulation of the Skin Microenvironment Contributes to Diabetic Neuropathy.	£78k
Andrew Loudon	SMS: Division of Diabetes, Endocrinology & Gastroenterology	BBSRC	Quantification Protein Dynamics Driving the Circadian Clock.	£610k
David Kirby	SMS: Division of Medical Education	AHRC	Demons of the Mind: The Interactions of the "Psy" Sciences and Cinema in the Sixties.	£19k
Sacha Howell	SMS: Division of Medical Education	Shine Bright Foundation	Preclinical Studies of SFX-01 in Triple Negative Patient-Derived Xenograft Models of Human Breast Cancer.	£17k
Catherine West	SMS: Division of Molecular & Clinical Cancer Sciences	Sarcoma UK	Development of a Gene Signature as a Biomarker of Tumour Hypoxia in Soft Tissue Sarcoma.	£25k
Robert Graham	SMS: Division of Molecular & Clinical Cancer Sciences	BBSRC	In Silico Mass Spectrometry for Biologists: Tools and Resources for Next-Generation Proteomics	£324k

May 2017 (continued)

PI	Affiliations	Funder	Title	Value
Emma Dean	SMS: Division of Molecular & Clinical Cancer Sciences	Genmab A/S; Synthon BV; Ignyta; Novartis Pharmaceuticals UK Ltd; Daiichi Sankyo Development Ltd; BMS Design Ltd; AstraZeneca UK Ltd	Commercial Clinical Trials Covered Under SOP Policy - E Dean.	£28.5k
Fiona Blackhall	SMS: Division of Molecular & Clinical Cancer Sciences	Bristol-Myers Squibb; AstraZeneca UK Ltd; Merck Chemicals Ltd; Pfizer (UK); Takeda UK Ltd	Commercial Clinical Trials Covered Under SOP Policy - F Blackhall.	£3.75k
Gordon Jason	SMS: Division of Molecular & Clinical Cancer Sciences	Merck Chemicals Ltd	.Commercial Trials Covered Under SOP Policy - G Jayson.	£750
John Radford	SMS: Division of Molecular & Clinical Cancer Sciences	MSD Ireland; Epizyme Inc; Pharmacyclics; Seattle Genetics; Takeda UK Ltd; Roche Products Limited; Pfizer (UK); Celgene Limited; ADC Biotechnology Limited	Commercial Clinical Trials Covered Under SOP Policy - J Radford.	£7.5k
Juan Valle	SMS: Division of Molecular & Clinical Cancer Sciences	Ipsen Ltd; Halozyme Inc; Pharmacyclics; Eli Lilly & Company Ltd	Commercial Clinical Trials Covered Under SOP - J Valle.	£3.75k
Kim Linton	SMS: Division of Molecular & Clinical Cancer Sciences	Immune Design; Gilead Sciences Europe Ltd	Commercial Clinical Trials Covered Under SOP Policy - K Linton.	£1.5k
Matthew Krebs	SMS: Division of Molecular & Clinical Cancer Sciences	Taiho Oncology Inc; Merck Chemicals Ltd; MedImmune; Eli Lilly & Company Ltd; AstraZeneca UK Ltd	Commercial Clinical Trials Covered Under SOP Policy - M Krebs.	£18k
Mairead McNamara	SMS: Division of Molecular & Clinical Cancer Sciences	Janssen-Biologics BV; AstraZeneca UK Ltd	Commercial Clinical Trials Covered Under SOP Policy - M McNamara.	£1.5k
Juan Valle	SMS: Division of Molecular & Clinical Cancer Sciences	Cancer Research UK	Precision-Panc: A Dynamic Therapeutic Development Platform for Pancreatic Cancer. III	£44k

May 2017 *(continued)*

PI	Affiliations	Funder	Title	Value
Alan McWilliam	SMS: Division of Molecular & Clinical Cancer Sciences	CMFT	Feasibility of Using Clinical Realistic 3D-Printed Lung Cancer Tumours to Investigate the Impact of CT Scanning Protocols and the Respiratory Cycle on Tumour Shape and Texture Analysis.	£1.6k
Karen Kirkby	SMS: Division of Molecular & Clinical Cancer Sciences	EPSRC	MALTHUS.	£2k
Natalie Cook	SMS: Division of Molecular & Clinical Cancer Sciences	Taiho Oncology Inc; Tarveda Therapeutics; AstraZeneca; Novartis	Commercial Clinical Trials Covered Under SOP Policy - N Cook.	£12k

June 2017

PI	Affiliations	Funder	Title	Value
Christopher Miller	SMS: Division of Cardiovascular Sciences	British Heart Foundation	Why is COPD Associated with Heart Failure? Fellowship for Jakub Lagan	£127k
Richard Unwin	SMS: Division of Cardiovascular Sciences	Central Manchester University Hospital NHS Foundation Trust	Clinical Omics Project Development.	£130k
Charles McCollum	SMS: Division of Cardiovascular Sciences	Manchester Surgical Trust	Salary Support for David Riding.	£41k
Michael Dixon	SMS: Division of Dentistry	Wellcome Trust	Institutional Strategic Support Fund (ISSF). 2016.	£2.5m
Helen Worthington	SMS: Division of Dentistry	National Institute of Health Research	Oral splints for orofacial symptoms	£88k
Alexander Heazell	SMS: Division of Developmental Biology & Medicine	Donation	Could the Placenta be a Black Box of Information?	£19k

June 2017 *(continued)*

PI	Affiliations	Funder	Title	Value
Vladimir Jankovic	SMS: Division of Medical Education	AHRC	Soviet climate science and its intellectual legacies	£70k
Stephanie Snow	SMS: Division of Medical Education	Heritage Lottery Fund	From Cradle to Grave: The NHS at 70.	£219k
Anthony Whetton	SMS: Division of Molecular & Clinical Cancer Sciences	European Commission	Game-Changing Precision Medicine for Curing All Myeloproliferative Neoplasms. ERC Advanced Grant	£117k
Martin McCabe	SMS: Division of Molecular & Clinical Cancer Sciences	Christie Hospital NHS	Appointment of Laboratory Staff to Buid Paediatric and Teenage / Young Adult (TYA) Brain Tumour Research Infrastructure.	£200k
Martin McCabe	SMS: Division of Molecular & Clinical Cancer Sciences	The Christie NHS Foundation Trust	Appointment of Genetics Postdoctoral Researcher to Facilitate Paediatric, Teenage / Young Adult (TYA) Brain Tumour and Sarcoma Precision Medicine.	£131k
Richard Edmondson	SMS: Division of Molecular & Clinical Cancer Sciences	Wellcome Trust	Determining the Temporal Stability of an Immunoscore in High Grade Serous Ovarian Cancer.	£1.5k
Robert Clarke	SMS: Division of Molecular & Clinical Cancer Sciences	The Christie NHS Foundation Trust	Pre-Clinical Studies of SFX-01 in Combination with Anti-Oestrogen / Defining the Role of Progesterone in PDX Metastasis.	£16.8k
Sacha Howell	SMS: Division of Molecular & Clinical Cancer Sciences	Evgen Limited	Commercial Clinical Trials Covered by SOP Policy - S Howell.	£750
Karen Kirkby	SMS: Division of Molecular & Clinical Cancer Sciences	NC3Rs	Development of a Biologically-Relevant Preclinical Radiotherapy Dosimetry Phantom.	£90k
Timothy Illidge	SMS: Division of Molecular & Clinical Cancer Sciences	Nordic Nanovector	Commercial Clinical Trials Covered by SOP Policy - T Illidge	£1.5k
Ananya Choudhury	SMS: Division of Molecular & Clinical Cancer Sciences	East & North Herfordshire NHS Trust; Janssen-Biologics BV; AstraZeneca	A Tool for Predicting an Individual Prostate Cancer Patient's Risk of Metastasis and Need for Lymph Node Irradiation. MD Fees for Dr H Tarmalingham	£4.1k
Guy Makin	SMS: Division of Molecular & Clinical Cancer Sciences	Cancer Research UK	ECMC Paediatric Network.	£150k

July 2017

PI	Affiliations	Funder	Title	Value
Philippa Tyrell	SMS: Division of Cardiovascular Sciences	National Institute of Health Research	Does Interleukin-1 Receptor Antagonist Improve Outcome Following Aneurysmal Subarachnoid Haemorrhage (aSAH)? Clinical Trial	£2.2m
Xin Wang	SMS: Division of Cardiovascular Sciences	British Heart Foundation	Investigating Prolylcarboxypeptidase (PRCP) Cascade in Attenuating Oxidative Stress and Mitochondrial Damage: Is PRCP a Suitable Target for Treating Heart Failure?	£269k
Mark Boyett	SMS: Division of Cardiovascular Sciences	British Heart Foundation	Why Does Heart Block Occur at Night (Especially in Athletes)?	£215k
Halina Dobrzynski	SMS: Division of Cardiovascular Sciences	British Heart Foundation	Detailed 3D Modelling of Human Cardiac Anatomy with Emphasis on the Conduction System Using Micro-Computer Tomography and Mathematical Modelling Techniques - Variation with Ageing and Heart Failure.	£120k
Maciej Tomaszewski	SMS: Division of Cardiovascular Sciences	British Heart Foundation	Translating Signals from Genome-Wide Association Studies into Biological Mechanisms of Hypertension - Expression Quantitative Trait Locus Analysis in the Human Kidney.	£301k
Sandip Mitra	SMS: Division of Cardiovascular Sciences	AstraZeneca UK Ltd	iDECIDE Nephro-Oncology Clinical Fellow.	£317k
Neil Hanley	SMS: Division of Diabetes, Endocrinology & Gastroenterology	Medical Research Council	Decoding Differentiation of Cell Lineages in the Early Human Liver for Application in Stem Cell Differentiation and Cell Programming.	£700k
Karen Piper-Hanley	SMS: Division of Diabetes, Endocrinology & Gastroenterology	Medical Research Council	The Role of Sox9 in Pulmonary Fibrosis. Total Cost Fellowship for Laurence Pearmain	£265k

August 2017

PI	Affiliations	Funder	Title	Value
Emma Searle	SMS: Division of Cancer Sciences	Cancer Research UK	Targeting the Akt Pathway with AZD5363 in Combination with Radiotherapy to Improve Tumour Control in Head and Neck Cancer.	£49k
Niluja Thiruthaneeswaran	SMS: Division of Cancer Sciences	The Royal Australian and New Zealand College of Radiologists	Validation of a Novel Hypoxic Gene Signature in Pimonidazole Labelled Prostate Tissue and Correlation with Genomic Instability.	£30k
Delvac Oceandy	SMS: Division of Cardiovascular Sciences	Medical Research Council	The Role of Plasma Membrane Calcium ATPase 4 (PMCA4) in Modulating Plasmodium Infection and Malaria Severity.	£275k
Andrew Trafford	SMS: Division of Cardiovascular Sciences	British Heart Foundation	An Experimental Study on the Impact of Myocyte Ultrastructural Remodelling on Cellular Function and Arrhythmogenesis Following an Ischaemic Episode. – Fellowship for Charlene Puis	£272k
Katharine Dibb	SMS: Division of Cardiovascular Sciences	British Heart Foundation	An Experimental Study Regarding the Effectiveness of PDE5 Inhibition to Prevent Atrial Fibrillation. Fellowship for Nathan Denham	£239k
Garth Cooper	SMS: Division of Cardiovascular Sciences	Lee Research Trust	The Molecular Basis of Parkinson's Disease.	£72k
Craig Smith	SMS: Division of Cardiovascular Sciences	Salford Royal Hospitals NHS Trust	Feasibility and Reliability of Pulmonary Computed Tomography as a Radiological Reference Standard for Evaluating Chest X-Ray and Blood Biomarkers in Suspected Pneumonia after Stroke.	£8k
Shane Herbert	SMS: Division of Developmental Biology & Medicine	Wellcome Trust	Adaption of Cell Division to Acute Environmental Spatial Constraints. Sir Henry Wellcome Postdoctoral Fellowship for Holly Lovegrove	£250k
Ian Crocker	SMS: Division of Developmental Biology & Medicine	The Castang Foundation	A Heme-Binding Agent for the Prevention of Fetal Vascular Compromise.	£165k
Nancy Papalopulu	SMS: Division of Developmental Biology & Medicine	Wellcome Trust	Wellcome Trust 4-Year PhD Programme in Quantitative and Biophysical Biology.	£2.5m
Simon Luckman	SMS: Division of Diabetes, Endocrinology & Gastroenterology	BBSRC	Distinct Forebrain System Regulating Arousal.	£489k