

# MAJOR EXTERNAL GRANTS

Listed are the major national competitive, peer-reviewed research grants held by AMREP staff in 2008; inclusion is based on the Australian Competitive Grants Register (ACGR). Major international grants are also listed.

## AUSTRALIAN GRANTS

### Cooperative Research Centres (CRC) Program

CRC for Asthma and Airways. O'Hehir RE, Thompson P, Mackay C, Berend N, Foster P, Gibson P, Jenkins C, Weinstein P. 2005-2012. CRC Program funding: \$26,440,000. Total funding: \$54,000,000.

CRC for Biomarker Translation. Hogarth PM, Hoogenraad N, Hart D, Zola H, Morris H, Venter D, Warner N, Polverino T. 2007-2014. CRC Program funding: \$30,590,000. Total funding: \$90,000,000.

CRC for Water Quality and Treatment. Bursill D, McNeil J, Deere D, Priestley T, Drikas M. 2001-2008. CRC Program funding: \$16,800,000. Total funding: \$84,400,000.

### National Health and Medical Research Council

#### Program Grants

Adams J, Bouillet P, Colman P, Cory S, Gerondakis S, Huang D, Lindeman G, Strasser A, Vaux D, Visvader J. Roles of impaired apoptosis and differentiation in tumourigenesis and therapy. 2007-2011: \$21,228,860. Administering institution: Walter and Eliza Hall Institute.

Brew B, Crowe S, Lewin S, Slobedman B, Wesselingh S, Cunningham A. Pathogenesis of persistent human virus infections of global significance. 2005-2009: \$6,180,170. Administering institution: University of New South Wales.

Coppel R, Cooke B, Plebanski M, von Itzstein M. Malaria: from target identification to therapeutics. 2005-2009: \$4,962,360. Administering institution: Monash University.

Cowman A, Brown G, Crabb B, Handman E, McConville M, McFadden G, Scholfield L, Speed T. Host parasite interactions: disease, pathogenesis and control. 2006-2010: \$13,660,837. Administering institution: Walter and Eliza Hall Institute.

Doherty P, Cooper DA, Kent SJ, Ramshaw IA. Understanding HIV infection and the development of new vaccines. 2004-2008: \$6,967,000. Administering institution: University of Melbourne.

Jennings G, Dart A, Esler M, Kaye D, Kingwell B, Chin-Dusting J. A program of research addressing the transition from health to advanced cardiovascular disease. 2008-2012: \$12,281,756. Administering institution: Baker IDI.

Krum H, Gilbert R, Itescu S. Novel therapeutic strategies to reduce the burden of chronic heart failure. 2005-2009: \$4,634,965. Administering institution: Monash University.

O'Dea K, Hoy W, Rowley K, Best J, Wang Z. Health outcomes monitoring and evaluation: learning about activity, nutrition, diet and social factors. 2005-2009: \$7,070,585. Administering institution: University of Melbourne.

O'Hehir RE, Anderson G, Hamilton J, Rolland J. The interface between innate and adaptive immunity in allergy and asthma. 2005-2009: \$4,308,220. Administering institution: Monash University.

#### Capacity Building Grants

Eades S. Making a difference: building research capacity for health interventions to improve Aboriginal health. 2007-2011: \$2,317,125. Administering institution: University of Sydney.

#### Centre of Clinical Research Excellence

Oldenburg B, Hoy W, Shannon C, Tonkin A, Lea T, Ring I, Elston J, Wenitong M, Hayman N. Centre for Clinical Research Excellence in Circulatory and Associated Conditions in Urban Indigenous Peoples. 2006-2010: \$2,000,000. Administering institution: Monash University.

#### Centre of Research Excellence in Patient Safety

McNeil J, Cameron P, Campbell D, Duckett S, Myles P, Sanderson P, Stoelwinder J. 2005-2009: \$2,000,000. Administering institution: Monash University.

#### Centre of Research Excellence in Radiofrequency Electromagnetic Energy

Cosic I, Abramson M, Croft R, Finnie J, McKenzie R, Wood A. Australian Centre for Radiofrequency Bioeffects Research. 2004-2008: \$2,500,000. Administering institution: Royal Melbourne Institute of Technology.

#### Health Services Research Grants

Cameron P, Sprivulis P, Stoelwinder J, Forbes A, McNeil J, Campbell J. Using data to improve quality of health care. 2007-2011: \$2,629,000. Administering institution: Monash University.

Cass A, Brown A, Patel A, Eades S, Hayman N, Isbel N, Jan S, Ring I, Stewart G, Tonkin A, Weeramanthri T. Improving health outcomes for Aboriginal Australians with chronic disease through strategies to reduce systems barriers to necessary care. 2006-2011: \$2,800,000. Administering institution: University of Sydney.

McNeil J, Peeters A, Oldenburg B, Hollingsworth B, Nelson M, de Courten M. Better targeting of preventative services using epidemiological modelling. 2007-2011: \$1,823,750. Administering institution: Monash University.

Stewart S, Scuffham P, Marwick T, Horowitz J, Krum H, Davidson P, MacDonald P. Which heart failure intervention is most cost-effective and consumer friendly in reducing hospital care: the WHICH Study. 2007-2011: \$878,702. Administering institution: Baker IDI.

#### Medical Bioinformatics, Genomics and Proteomics Strategic Grant

Shortman K, Heath WR, Villandangos J, Lahoud M, Simpson R, Wright M, Amigorena S. Genomic and proteomic profiling of dendritic cell heterogeneity. 2006-2010: \$1,971,250. Administering institution: Walter and Eliza Hall Institute.

#### Palliative Care Research Grant

Davidson P, Macdonald P, Curnow D, Newton P, Leung D, Tofler G, Krum H. Oxygen to relieve dyspnoea in non-hypoxaemic patients with end-stage heart failure. 2008-2010: \$300,000. Administering institution: University of Western Sydney.

### **Preventive Healthcare and Strengthening Australia's Social and Economic Fabric Research Grant**

Loff B, Lawrence M, Peeters A, Ackland M, Swinburn B. A comprehensive regulatory strategy for obesity prevention in Australia. 2007-2011: \$761,184. Administering institution: Monash University.

### **Dementia Research Grant**

Kinsella G. Early intervention for amnesic mild cognitive impairment. 2008-2010: \$551,452. Administering institution: La Trobe University.

### **Development Grants**

Head G, Alewood P. Development of oral natriuretic-like peptides for chronic treatment of congestive heart failure. 2007-2009: \$376,750. Administering institution: Baker IDI.

Kaye D. Development of guanylate cyclase activators for the treatment of pulmonary arterial hypertension. 2008: \$133,500. Administering institution: Baker IDI.

Kaye D, Power J. Development of non-surgical approach to treating tricuspid regurgitation. 2007-2009: \$200,000. Administering institution: Baker IDI.

Little P. Development of a protein tyrosine kinase inhibitor for modification of GAG chains and prevention of atherosclerosis. 2007-2009: \$378,900. Administering institution: Baker IDI.

Myles P, Burton D, Fuchs M, Zilberg E. Development and clinical evaluation of a depth of anaesthesia monitor. 2007-2008: \$413,000. Administering institution: Monash University.

Peter K. Novel single-chain antibody-targeted nanoparticles for diagnosis of vascular diseases in magnetic resonance imaging. 2007-2009: \$327,500. Administering institution: Baker IDI.

Pietersz G. Development of a novel mannan-based avian influenza vaccine. 2008-2009: \$195,567. Administering institution: Burnet Institute.

Wang B, Scammellis P, Krum H. Development of novel anti-inflammatory compounds. 2008-2009: \$196,250. Administering institution: Monash University.

### **Enabling Grants**

Bellomo R, Cooper DJ, Myburgh J, Finfer S. National Centre for Intensive Care Research. 2005-2010: \$1,290,000. Administering institution: Monash University.

Buchbinder R, March L, Lassere M, Reid C. Australian Rheumatology Association Database. 2006-2010: \$1,250,000. Administering institution: Monash University.

McLean CA, Harper C. National Network of Brain Tissue Banks. 2004-2008: \$2,000,000. Administering institution: Mental Health Research Institute.

Simes J, Ghersi D, Stockler M, Keech T, Green S, Henderson-Smart D, Krum H, Jennings G. Australian Clinical Trials Registry. 2005-2010: \$1,500,000. Administering institution: University of Sydney.

### **Project Grants**

Alderuccio F, Scott H, Hubert F-X. The role of Aire in immunological tolerance and immunity. 2008-2010: \$416,625. Administering institution: Monash University.

Anderson J, Hope T, Tachedjian G. Mechanisms underlying APOBEC3G restriction of HIV-1. 2008-2010: \$536,654. Administering institution: Burnet Institute.

Andrews R. Ligand interactions of platelet glycoprotein Ib-IX-V in thrombosis. 2007-2009: \$355,575. Administering institution: Monash University.

Bach L, McRobert A. The role of ezrin-radixin-moesin proteins, novel binding proteins for advanced glycation endproducts, in kidney cells. 2008-2010: \$483,075. Administering institution: Monash University.

Baglietto L, Kelsall H, McLean C, Giles G. Risk and prognostic factors for breast cancer of different immunohistochemical subtypes. 2008-2010: \$286,000. Administering institution: Cancer Council Victoria.

Bellomo R, Cameron P, Cooper DJ, Peake S, Webb S, Delaney A, Holdgate A. The Australasian resuscitation in sepsis evaluation – randomised controlled trial. 2008-2011: \$1,718,130. Administering institution: Monash University.

Bennell K, Hinman R, Cicuttini F, Payne C, Harris A. Effects of lateral wedged insoles on symptoms and disease progression in knee osteoarthritis. 2005-2008: \$476,575. Administering institution: University of Melbourne.

Berndt M, Salem H, Cranmer S. Regulation of platelet adhesion by the GPIIb/IIIa cytoplasmic tail. 2006-2008: \$506,000. Administering institution: Monash University.

Bertoncello I, Simmons P, Wilson J. Lung stem cells. 2006-2008: \$275,250. Administering institution: University of Melbourne.

Bobik A. Roles of interleukins, chemokines and circulating cells in cardiac fibrosis. 2008-2010: \$416,625. Administering institution: Baker IDI.

Bobik A, Agrotis A. Atherosclerosis: molecular mechanisms of suppression by CD4+CD25+ regulatory T-cells. 2008-2010: \$513,750. Administering institution: Baker IDI.

Bobik A, Curtis D. Understanding the pharmacology of G-CSF for treating myocardial infarction. 2008-2010: \$412,215. Administering institution: Baker IDI.

Bobik A, Peter K, Agrotis A. HMGB1, a cytokine linking inflammation, lipid accumulation, and platelet activation in atherosclerosis. 2008-2010: \$498,750. Administering institution: Baker IDI.

Brooks A, Kotsimbos T. The role of HLA-E in innate and adaptive immunity. 2008-2010: \$518,250. Administering institution: University of Melbourne.

Budge M, Storey E, Tonkin A, Wong T, Reid C, Ames D. Aspirin for the prevention of cognitive decline in the Elderly: a Neuro-Vascular Imaging Study (ENVIS-ion) from ASPREE. 2008-2012: \$1,316,242. Administering institution: Australian National University.

Cicuttini F, Dixon J, Wluka A, Bennell K, Jones G, Strauss B. The effect of weight loss on the risk of knee osteoarthritis and potential modification of biomechanical factors. 2006-2008: \$464,000. Administering institution: Monash University.

Cicuttini F, Lloyd D, Bennell K, Stachowiak G, Forbes A. Role of musculoskeletal biomechanical factors in cartilage loss in those who undergo partial medial meniscectomy. 2005-2008: \$644,330. Administering institution: Monash University.

Cooper DJ, Rosenfeld JV, Reilly P, Wolfe R. Multi-centre randomised trial of early decompressive craniectomy in patients with severe traumatic brain injury (DECRA). 2005-2008: \$485,535. Administering institution: Monash University.

Cooper M, Chai Z, Cao Z. Pathogenic role of CDA1 via its profibrotic action in diabetic nephropathy. 2008-2010: \$464,250. Administering institution: Baker IDI.

Cooper M, El-Osta A. Role of epigenetic mechanisms in diabetic vascular complications. 2006-2008: \$429,750. Administering institution: Baker IDI.

Cooper M, Jandeleit-Dahm K, Bierhaus A. Role of advanced glycation end products and their receptors in diabetes accelerated atherosclerosis. 2007-2009: \$375,000. Administering institution: Baker IDI.

- Cooper M, Kantharidis P, Twigg S, Cao Z. Role of growth and transcription factors in tubulointerstitial injury in diabetes. 2006-2008: \$444,750. Administering institution: Baker IDI.
- Ding C-H, Jones G, Venn A, Cicuttini F, Dwyer T. Does childhood physical activity, fitness and fatness impact on knee structural change 20 years later? 2008-2009: \$301,977. Administering institution: Menzies Research Institute.
- Dixon J, O'Brien P, Naughton M, Schachter L. A randomised controlled trial of the effect of substantial weight loss on obstructive sleep apnoea. 2007-2009: \$350,125. Administering institution: Monash University.
- Dixon J, O'Brien P, Sawyer S. Adolescent obesity: non-surgical management versus surgical management. 2006-2008: \$473,100. Administering institution: Monash University.
- Doig G, Cooper DJ, Finfer S, Simpson F. Early parenteral nutrition in the ICU. 2006-2008: \$1,812,750. Administering institution: University of Sydney.
- Drummer H, Pountourios P, Dore G, Hellard M, Torresi J. Neutralizing antibody responses in HCV infected individuals. 2006-2008: \$467,750. Administering institution: Burnet Institute.
- Drummer H, Pountourios P, Elhassen D. Structure and function of the hepatitis C virus glycoproteins E1 and E2. 2007-2009: \$513,000. Administering institution: Burnet Institute.
- Dunstan D, Ball K, Salmon J, Crawford D, Daly R. A behavioural intervention for the adoption and maintenance of physical activity in Type 2 diabetes. 2007-2009: \$321,875. Administering institution: Baker IDI.
- El-Osta A, Du X-J. Transcriptional regulatory complexes associated with cardiac hypertrophy. 2006-2008: \$465,000. Administering institution: Baker IDI.
- Esler M, Richards J, Lambert E, Soreq H. Panic disorder: neurobiology and mechanisms of cardiac risk. 2006-2008: \$445,875. Administering institution: Baker IDI.
- Fairley C, Bradshaw C, Pirota M, Garland S, Hocking J. Treatment of bacterial vaginosis: a randomised controlled trial. 2007-2009: \$255,425. Administering institution: University of Melbourne
- Febbraio MA. Ciliary neurotrophic factor can prevent muscle insulin resistance. 2006-2008: \$578,625. Administering institution: Baker IDI.
- Febbraio MA, Hevener A. Activation of HSP70: a therapeutic target to treat obesity-induced insulin resistance. 2008-2010: \$449,250. Administering institution: Baker IDI.
- Febbraio MA, Unterman TG. Role of FoxO proteins in the regulation of skeletal muscle anabolism, catabolism and insulin sensitivity. 2007-2009: \$443,250. Administering institution: Baker IDI.
- Finfer S, Cross A, Scheinkestel C, Norton R, Myburgh J, Cole C. The RENAL (Randomised Evaluation of Normal vs Augmented Level) replacement therapy in ICU study. 2005-2008: \$1,868,475. Administering institution: University of Sydney.
- Fitzgerald P, Kulkarni J. A double-blind sham controlled trial of rTMS in treatment resistant major depression. 2007-2009: \$357,400. Administering institution: Monash University.
- Forbes A, Peeters A, de Courten M. Fitness versus fatness disentangling their effects on disease outcomes and estimating the population burden of disease. 2007-2009: \$183,313. Administering institution: Monash University.
- Forbes J, Bierhaus A. Mediation pathways for the receptor for advanced glycation end products in diabetic nephropathy. 2006-2008: \$328,125. Administering institution: Baker IDI.
- Gao XM. Macrophage migration inhibitory factor (MIF): pathological and therapeutic significance in post-infarct inflammation. 2008-2010: \$525,500. Administering institution: Baker IDI.
- Gerondakis S, Gonda T. Determining the role of Rel/NF- $\kappa$ B transcription factors in myeloid differentiation. 2006-2008: \$447,750. Administering institution: Burnet Institute.
- Gicquel C, El-Osta A, Le Bouc Y. Mechanisms of abnormal expression of the IGF2 gene in disorders affecting foetal growth. 2008-2010: \$537,750. Administering institution: Baker IDI.
- Gilson P, de Koning-Ward T, Boddey J. Identification of the *Plasmodium falciparum* translocon that exports parasite proteins into their erythrocytic hosts. 2008-2010: \$362,250. Administering institution: Burnet Institute.
- Gorry P, Pountourios P, Center R, Churchill M. Pathogenesis of CCR5-restricted HIV-1. 2007-2009: \$361,875. Administering institution: Burnet Institute.
- Gowans E, Li S, Loveland B. Understanding hepatitis C virus-specific T cell tolerance. 2007-2009: \$412,875. Administering institution: Burnet Institute.
- Grgacic E. A new insight into hepatitis B infection: the HBV fusion peptide. 2007-2009: \$276,750. Administering institution: Burnet Institute.
- Hamilton J, Salem H. Defining the roles of platelet protease-activated receptors in thrombosis. 2008-2010: \$324,075. Administering institution: Monash University.
- Head G, Lawrence A, Davern P. Role of the hypothalamus, oxidative stress and angiotensin in chronic stress. 2008-2010: \$513,750. Administering institution: Baker IDI.
- Hocking J, Bradshaw C, Tabrizi S, Fairley C, Pirota M, Donovan B. A longitudinal study of bacterial vaginosis and *Mycoplasma genitalium* in young Australian women. 2008-2010: \$117,415. Administering institution: University of Melbourne.
- Hogarth PM, Mottram P, Powell M. The role of Fc RIIa in antibody dependent tissue destruction in autoimmunity. 2008-2010: \$534,798. Administering institution: Burnet Institute.
- Hogarth PM, Wines B, Powell M. Structure and function of receptors for IgG (Fc $\gamma$ R). 2008-2010: \$767,423. Administering institution: Burnet Institute.
- Hooper S, Lewis R, Thompson B, Hourigan K. Phase contrast X-ray imaging of the lung at birth. 2008-2010: \$498,593. Administering institution: Monash University.
- Hughan S, Nesbitt W. Investigation of Dok2 and Dok1 adapter proteins in the negative regulation of integrin  $\alpha$ IIb $\beta$ 3 platelet signalling. 2008-2010: \$437,615. Administering institution: Monash University.
- Jackson DE. The biology of immunoreceptors in platelets. 2006-2008: \$511,500. Administering institution: Burnet Institute.
- Jackson S. Investigation of the role of PAF and CD40 ligand in regulating the proinflammatory properties of platelets. 2006-2008: \$496,500. Administering institution: Monash University.
- Jackson SP. Investigation of the role for GPV1 in platelet function and thrombosis. 2008-2010: \$531,705. Administering institution: Monash University.
- Jackson SP. Investigate novel functional roles for PI 3-kinases in platelets. 2008-2010: \$515,500. Administering institution: Monash University.
- Jandeleit-Dahm K, Kumar A. The role of specific Nox isoforms in diabetic renal disease and atherosclerosis. 2007-2009: \$443,250. Administering institution: Baker IDI.

- Jones G, Cicuttini F, Garner P. An approach to understanding osteoarthritis of the knee using magnetic resonance imaging. 2004-2008: \$843,000. Administering institution: University of Tasmania.
- Jowett J, Zimmet P. Identification of novel genes influencing development of Type 2 diabetes. 2007-2009: \$537,000. Administering institution: Baker IDI.
- Kaye D, Chin-Dusting J, Head G. Manipulation of intracellular arginine content in endothelial cells. 2006-2008: \$466,500. Administering institution: Baker IDI.
- Kent S, Davenport M, Batten J. Escape and reversion of critical immune responses: insights into effective immunity to HIV. 2007-2009: \$369,864. Administering institution: University of Melbourne.
- Kile B, Jackson S, Roberts A. The molecular regulation of platelet life span. 2008-2010: \$531,440. Administering institution: Walter and Eliza Hall Institute.
- Kingwell B, de Courten B. Novel metabolic actions of HDL with potential therapeutic implications for Type 2 diabetes and the metabolic syndrome. 2007-2009: \$336,750. Administering institution: Baker IDI.
- Kotsimbos T, Snell G. Elucidating sub-clinical pathways to chronic rejection in lung transplantation and therapeutic implications. 2006-2008: \$277,500. Administering institution: Monash University.
- Kruger P, Venkatesh B, Bellomo R, Kostner K, Cooper DJ, Roberts M. A phase II randomised controlled trial of atorvastatin therapy in intensive care patients with severe sepsis. 2007-2009: \$603,825. Administering institution: Monash University.
- Lambert G, Schlaich M. Sympathetic nervous system activation in renal failure: its contribution to pathogenesis and progression. 2006-2008: \$478,500. Administering institution: Baker IDI.
- Leder K, Sinclair M, Forbes A, Cunliffe D. Health effects of drinking rainwater. 2006-2008: \$844,313. Administering institution: Monash University.
- Leslie K, Myles P, Paech M. The perioperative ischaemic evaluation study (POISE). 2007-2008: \$374,500. Administering institution: Melbourne Health.
- Lewin SR, Cameron PU, Jaworwski A. Modulation of HIV-1 latency in primary CD4 T cells by chemokines and dendritic cells. 2008-2010: \$372,330. Administering institution: Monash University.
- Little P. KIT as a target for the modification of vascular proteoglycans and prevention of atherosclerosis. 2008-2010: \$329,125. Administering institution: Baker IDI.
- Liu J-P. Signalling to telomeres: mechanisms of action of TGF $\beta$ . 2006-2008: \$429,750. Administering institution: Monash University.
- Mak J, Jaworowski A, de Fonseca Pereira C. Does HIV function as a lipid-raft during infection? 2008-2010: \$603,442. Administering institution: Burnet Institute.
- Mak J, Tachedjian G. Retroviral recombination. 2006-2008: \$396,375. Administering institution: Burnet Institute.
- May C, Bellomo R, Gobe G, Thomson N. Understanding how sepsis causes kidney dysfunction. 2007-2009: \$453,750. Administering institution: University of Melbourne.
- Mathias J, Bigler E, Bowden S, Rosenfeld J, Taylor D, Vink V, Rose S. Diagnostic and prognostic evaluation of diffusion tensor imaging and cognitive function after traumatic brain injury. 2008-2010: \$856,485. Administering institution: University of Adelaide.
- McMullen J. Differences between physiological and pathological cardiac hypertrophy offer new strategies for treating heart failure. 2006-2008: \$327,500. Administering institution: Baker IDI.
- McNeil J, Cameron P, Wolfe R, Dooley M. A case control study investigating factors contributing to the risk of bleeding in patients receiving warfarin therapy. 2007-2009: \$553,550. Administering institution: Monash University.
- McNeil J, Harrap S, Welborn T, Wong T, Liew D, Magliano D. Risk and determinants of fatal and non-fatal coronary heart disease in the Melbourne Collaborative Cohort Study (MCCS). 2005-2009: \$422,500. Administering institution: Monash University.
- McNeil J, Tonkin A, Reid C, Krum H, Beilin L, Nelson M. Randomised double-blind placebo-controlled trial of aspirin in primary prevention of CVD events or dementia in the aged (ASPREE). 2005-2009: \$3,503,500. Administering institution: Monash University.
- Medcalf R. To determine the role and mechanism of action of tissue-type plasminogen activator in the central nervous system. 2008-2010: \$493,770. Administering institution: Monash University.
- Medcalf R, Nagamine Y, Stasinopoulos S. Post-transcriptional regulation of plasminogen activator inhibitor 2 gene expression. 2008-2010: \$498,390. Administering institution: Monash University.
- Millar I, Williamson O, Cameron P, Myles P. Hyperbaric oxygen in lower limb trauma: a randomised controlled clinical trial. 2008-2012: \$684,375. Administering institution: Monash University.
- Morganti-Kossmann MC, Cooper DJ. Role of post-traumatic hypoxia in the exacerbation of cerebral inflammatory response elicited by brain injury. 2007-2009: \$381,750. Administering institution: Monash University.
- Myles P, Leslie K, Silbert B, Peyton P, Paech M. Nitrous oxide anaesthesia and cardiac morbidity in major surgery. 2007-2011: \$2,782,500. Administering institution: Monash University.
- Nelson M, Reid C, Ryan P, Tonkin A, Wing L. Absolute risk prediction of subsequent cardiovascular events in a large cohort of elderly Australians with hypertension. 2008-2010: \$192,000. Administering institution: University of Tasmania.
- Oldenburg B, Courtney M, Friedman R, Wootton R, Ash S. Using conversational computer technology to improve diabetes management: a randomised controlled trial. 2007-2009: \$604,464. Administering institution: Monash University.
- Oldenburg B, Hawkes A, Taylor B, Atherton J. An implementation trial of a telephone-based care management program for patients following myocardial infarction. 2007-2009: \$569,875. Administering institution: Monash University.
- Pepe S, Rosenfeldt F, Delbridge L, McLennan P, Smith J. Clinical feasibility study of omega-3 PUFA therapy for the reduction of post-cardiac surgery atrial arrhythmias 2006-2008: \$433,500. Administering institution: Monash University.
- Peter K. Novel selective anti-platelet and clot-specific anticoagulant strategies targeting conformational states of GPIIb/IIIa. 2006-2008: \$487,000. Administering institution: Baker IDI.
- Peter K, Bobik A. Monomeric C-reactive protein as pathogenic factor and therapeutic target in atherothrombotic disease. 2008-2010: \$647,625. Administering institution: Baker IDI.
- Peter K, Hagemeyer C. Single-chain antibodies for directed stem cell homing and targeting of effector cells in vascular disease. 2008-2010: \$572,750. Administering institution: Baker IDI.
- Pietersz G, Apostolopoulos V. Polynucleotide vaccine based on targeted delivery to antigen presenting cells. 2008-2010: \$536,654. Administering institution: Burnet Institute.

- Plebanski M, O'Hehir R, Hardy C, Rolland J. Inhibition of allergic airway inflammation by nanoparticles. 2008-2010: \$529,020. Administering institution: Monash University.
- Poumbourios P, Drummer H, Gorry P. Delineation of receptor-activated conformational signalling pathways in HIV-1 envelope glycoproteins. 2008-2010: \$829,192. Administering institution: Burnet Institute.
- Power D. AMP-activated protein kinase in acute renal failure. 2006-2008: \$392,625. Administering institution: Burnet Institute.
- Power D. Protein kinases regulate salt reabsorption in the kidney. 2007-2009: \$511,500. Administering institution: Burnet Institute.
- Reeder J, Barry A. Population genomics of *Plasmodium falciparum* surface antigen genes. 2008-2010: \$383,072. Administering institution: Burnet Institute.
- Ritchie R, Horowitz JD. Novel cGMP-based therapies prevent left ventricular remodelling. 2008-2010: \$512,025. Administering institution: Baker IDI.
- Rice G, Lappas M, Kniss D, Talbo G, Young I. The mechanisms that regulate the onset of human labour and delivery. 2006-2008: \$517,500. Administering institution: Baker IDI.
- Robertson C, Wilson J. Outcome of childhood asthma in adult life and the interaction with COPD. 2007-2009: \$484,100. Administering institution: Murdoch Childrens Research Institute
- Rogerson S, Jaworowski A. HIV and immunity to malaria. 2006-2008: \$363,750. Administering institution: Burnet Institute.
- Schlaich M, Lambert E, Lambert G. Noradrenaline transporter dysfunction in neural circulatory disorders: clinical, molecular and therapeutic implications. 2008-2010: \$490,500. Administering institution: Baker IDI.
- Sim M, Benke G, Fritschi L. Occupational exposure to lead compounds and human cancer. 2006-2008: \$220,850. Administering institution: Monash University.
- Slavin M, Bradstock K, Sorrell T, Schwarer A, Szer J, Chen S. A multicentre randomised controlled trial comparing two strategies for the diagnosis of invasive aspergillosis in high-risk haematology patients (the ASPID Study). 2005-2008: \$1,084,500. Administering institution: Burnet Institute.
- Srikanth V, Forbes J, Phan T, Munch G, Pearson S, Venn A. A study of mechanisms of cognitive decline in Type 2 diabetes mellitus. 2007-2009: \$492,575. Administering institution: Monash University.
- Stewart S, Jennings G, Bergin P, de Courten B, Lee G, Carrington M, Wong C. A randomised controlled trial of a Nurse-led Intervention for Less Chronic Heart Failure: the NIL-CHF Study. 2008-2012: \$1,101,990. Administering institution: Baker IDI.
- Storey E, Anderson R, Cook M, Kinsella G. Does coeliac disease cause ataxia or cognitive impairment? 2007-2009: \$583,098. Administering institution: Monash University.
- Storey E, Loesch D, Cook M, Tassone F, Huggins R. Prevalence and genetic mechanisms of neurological and gynaecological changes in women carrying small FMR1 expansions. 2007-2009: \$395,963. Administering institution: Monash University.
- Straznicki N, Masuo K, Eikelis N, Lambert G. Neurogenic mechanisms of cardiovascular risk in the metabolic syndrome: benefits of lifestyle interventions. 2008-2010: \$315,000. Administering institution: Baker IDI.
- Tabrizi S, Fairley C, Donovan B. Surveillance of LGV *Chlamydia trachomatis* types among men who have sex with men (MSM). 2007-2009: \$186,875. Administering institution: University of Melbourne.
- Tachedjian G, Harrigan R, Sluis-Cremer N. Drug resistance mutations in the connection subdomain of the HIV-1 reverse transcriptase. 2007-2009: \$361,875. Administering institution: Burnet Institute.
- Tachedjian G, Mak J. The role of the HIV-1 reverse transcriptase domain in correct processing of viral proteins to form infectious virus. 2006-2008: \$277,500. Administering institution: Burnet Institute.
- Thomas M. Circulating low-molecular weight AGEs in the development and progression of diabetic complications. 2006-2008: \$290,250. Administering institution: Baker IDI.
- Thompson B, Kotsimbos T, Snell G. Why does peripheral airway dysfunction lead to bronchiolitis obliterans syndrome in lung transplantation? 2008-2010: \$248,250. Administering institution: The Alfred.
- Thrift A, Dewey H, Macdonell R. Long-term outcome after stroke: survival, stroke recurrence, functional ability and costs. 2004-2008: \$582,750. Administering institution: Baker IDI.
- Tindle R, Gowans E. HBsAg as a generic vaccine vector. 2006-2008: \$430,500. Administering institution: University of Queensland.
- Toh B-H, Agrotis A, Tipping P. Atherosclerosis: molecular action and suppression of NKT cell subsets. 2007-2009: \$441,375. Administering institution: Monash University.
- Tonkin A, Thompson P, West M, Blankenberg S, Kirby A, Hague W. The LIPID Study: 16 year outcomes and predictors of risk and their interactions in CHD patients. 2008-2010: \$746,465. Administering institution: Monash University.
- Villemagne V, Rowe C, McLean C, Mulligan R, Fodero-Tavoletti M. Abeta amyloid imaging in neurodegenerative disorders with a novel 18F radiotracer. 2008-2010: \$1,142,250. Administering institution: University of Melbourne.
- Walton S, Currie B. An immunodiagnostic assay for scabies. 2007-2009: \$364,500. Administering institution: Menzies School of Health Research.
- Werther G, Russo V, Bach L, Price J, Newgreen D. Functional analysis of IGF-binding protein-2 molecular interactions in early development and disease. 2007-2009: \$529,500. Administering institution: Murdoch Childrens Research Institute.
- Wesselingh S, Churchill M, Gorry P. Molecular studies of the astrocyte reservoir of HIV-1 in the central nervous system. 2007-2009: \$513,000. Administering institution: Burnet Institute.
- Wilkinson-Berka J, Fletcher E, Allen T, Nguyen G. Receptor-mediated actions of prorenin in diabetic retinopathy. 2008-2010: \$704,250. Administering institution: Monash University.
- Wluka A, Pasco J, Kotowicz M, Henry M. Factors that affect knee structure in healthy women. 2007-2009: \$190,950. Administering institution: Monash University.
- Woodcock E. Signalling pathways activated by atrial dilatation and their relationship to atrial fibrillation. 2007-2009: \$433,250. Administering institution: Baker IDI.

## Research Fellowships

Allen T. 2008-2012. Administering institution: Baker IDI.  
Anderson D. 2007-2011. Administering institution: Burnet Institute.  
Andrews R. 2004-2008. Administering institution: Monash University.  
Berndt M. 2004-2008. Administering institution: Monash University.  
Bobik A. 2006-2010. Administering institution: Baker IDI.  
Chin-Dusting J. 2006-2010. Administering institution: Baker IDI.  
Cooper M. 2004-2008. Administering institution: Baker IDI.  
Crowe S. 2008-2012. Administering institution: Burnet Institute.  
Dart A. 2005-2009. Administering institution: Baker IDI.  
Davis S. 2008-2012. Administering institution: Monash University.  
Du X-J. 2005-2009. Administering institution: Baker IDI.  
Esler M. 2005-2009. Administering institution: Baker IDI.  
Febbraio MA. 2007-2011. Administering institution: Baker IDI.  
Gerondakis S. 2006-2010. Administering institution: Burnet Institute.  
Gowans E. 2004-2008 Administering institution: Burnet Institute.  
Head G. 2006-2010. Administering institution: Baker IDI.  
Hogarth M. 2007-2011. Administering institution: Burnet Institute.  
Jackson DE. 2004-2008. Administering institution: Burnet Institute.  
Jackson SP. 2004-2008. Administering institution: Monash University.  
Kaye D. 2008-2012. Administering institution: Baker IDI.  
Kent S. 2008-2012. Administering institution: University of Melbourne.  
Kingwell B. 2006-2010. Administering institution: Baker IDI.  
Lambert G. 2007-2011. Administering institution: Baker IDI.  
Little P. 2006-2010. Administering institution: Baker IDI.  
Medcalf RL. 2008-2012. Administering institution: Monash University.  
Meikle P. 2008-2012. Administering institution: Baker IDI.  
Plebanski M. 2008-2012. Administering institution: Monash University.  
Reid C. 2008-2012. Administering institution: Monash University.  
Rice GE. 2005-2009. Administering institution: Baker IDI.  
Ritchie R. 2008-2012. Administering institution: Baker IDI.  
Steward S. 2008-2012: Administering institution: Baker IDI.  
Sviridov D. 2005-2009. Administering institution: Baker IDI.  
Thrift A. 2007-2011. Administering institution: Baker IDI.  
Wilkinson-Berka J. 2006-2010. Administering institution: Monash University.  
Woodcock E. 2005-2009. Administering institution: Baker IDI.

## Practitioner Fellowships

Buchbinder R. 2005-2009. Administering institution: Monash University.  
Cooper DJ. 2007-2011. Administering institution: Monash University.  
Fitzgerald P. 2005-2009. Administering institution: The Alfred.  
Lewin SR. 2008-2012. Administering institution: The Alfred.  
Myles P. 2007-2011. Administering institution: Monash University.

## Industry Fellowship

Ffrench R. 2006-2009. Administering institution: Burnet Institute.

## INSERM Exchange Fellowship

Pirola L. 2008-2009. Administering institution: Baker IDI.

## Career Development Awards

Benke G. 2007-2011. Administering institution: Monash University.  
de Courten B. 2006-2010. Administering institution: Baker IDI.  
Dietze P. 2006-2010. Administering institution: Monash University.  
Drummer H. 2007-2011. Administering institution: Burnet Institute.  
El-Osta A. 2006-2010. Administering institution: Baker IDI.  
Fitzgerald S. 2005-2009. Administering institution: Baker IDI.  
Gabbe B. 2007-2011. Administering institution: Monash University.  
Gicquel C. 2008-2011. Administering institution: Baker IDI.  
Gorry PR. 2005-2009. Administering institution: Burnet Institute.  
Hagemeyer C. 2008-2011: Administering institution: Baker IDI.  
Hellard M. 2004-2008. Administering institution: Burnet Institute.  
Jandeleit-Dahm KA. 2006-2010. Administering institution: Baker IDI.  
Lambert EA. 2006-2010. Administering institution: Baker IDI.  
McMullen JR. NHMRC/NHF Biomedical. 2005-2009. Administering institution: Baker IDI  
Ramsland PA. 2006-2010. Administering institution: Burnet Institute.  
Schlaich MP. 2006-2010. Administering institution: Baker IDI.  
Thomas MC. NHMRC/DART Clinical. 2006-2010. Administering institution: Baker IDI.

## Training (Postdoctoral) Fellowships

Abbot A. 2008-2011. Administering institution: Baker IDI.  
Ahimastos A. 2007-2010. Administering institution: Monash University.  
Andrews K. 2003-2008. Administering institution: Baker IDI.  
Ashton E. 2003-2008. Administering institution: Monash University.  
Baker E. 2007-2010. Administering institution: Baker IDI.  
Barry A. 2007-2008. Administering institution: Burnet Institute.  
Bradshaw C. 2007-2010. Administering institution: Monash University.  
Bruce C. 2005-2009. Administering institution: Baker IDI.  
Calkin AC. 2006-2009. Administering institution: Baker IDI.  
Carrington M. 2008-2011. Administering institution: Baker IDI.  
Cox H. 2007-2010. Administering institution: Burnet Institute.  
Elhassen D. 2007-2010. Administering institution: Burnet Institute.  
Evans SM. 2008-2011. Administering institution: Monash University.  
Fredericks B. 2007-2010. Administering institution: Monash University.  
Hanna F. 2007-2011. Administering institution: Baker IDI.  
Ingless S. 2008-2011. Administering institution: Baker IDI.  
Joyce C. 2006-2010. Administering institution: Monash University.  
Kelsall H. 2006-2009. Administering institution: Monash University.  
Kent P. 2006-2009. Administering institution: Monash University.  
Kistler P. 2005-2008. Administering institution: Baker IDI.  
Medley TL. 2005-2008. Administering institution: Baker IDI.  
Ngo T. 2008-2010. Administering institution: Monash University  
O'Donnell M. 2004-2008. Administering institution: University of Melbourne.  
Peters MA. 2006-2008. Administering institution: Burnet Institute.  
Skilton M. 2007-2010. Administering institution: Baker IDI.  
Stratov I. 2007-2010. Administering institution: Burnet Institute.  
Tapp R. 2005-2008. Administering institution: Monash University.  
Wang Y. 2007-2010. Administering institution: Monash University.  
Watson A. 2008-2011. Administering institution: Baker IDI.  
White A. 2008-2011. Administering institution: Baker IDI.  
Wluka A. 2005-2008. Administering institution: Baker IDI.  
Wong C. 2008-2011. Administering institution: Baker IDI.  
Zatta A. 2007-2010. Administering institution: Baker IDI.

## Other Australian Grants

### AusAID – Bilateral Program Grants

Holmes W, Dorning K, Narayan P. Prevention and care of HIV/AIDS in Indonesia. 2003-2008: \$3,500,000. Administering institution: Burnet Institute.

Malau C. Pacific regional HIV/AIDS project. 2004-2008: \$1,500,000. Administering institution: Burnet Institute.

Morgan C. China–Australia health facility. 2007-2012: \$31,800,000. Administering institution: Burnet Institute.

Morgan C. Tibet health sector support project. 2004-2008: \$1,200,000. Administering institution: Burnet Institute.

Toole M. AusAID training on HIV. 2006-2008: \$300,000. Administering institution: Burnet Institute.

Toole M. Tingim Laip project, Papua New Guinea. 2007-2008: \$7,000,000. Administering institution: Burnet Institute.

### AusAID – Development Research Award

Toole M. Modelling sexual and social networks of urban men who have sex with men and women in Vietnam and the Lao PDR. 2008: \$379,730. Administering institution: Burnet Institute.

### AusAID – NGO Project Grants

Drenkhan G, Asproloupos D. Cyclone Nargis relief – local resource centre for community based responses, Myanmar (Burma). 2008-2009: \$1,040,000. Administering institution: Burnet institute.

Gray N. Women's and Children's Health Knowledge Hub. 2008-2011: \$2,400,000. Administering institution: Burnet Institute.

Power R. Asia Regional HIV/AIDS Project; Indonesian HIV/AIDS Prevention and Care Project; Indonesian-Australian Specialised Training Program; Xinjiang HIV/AIDS Prevention and Care Project; SHARP. 2005-2008: \$3,300,000. Administering institution: Burnet Institute.

Whitney R. Australian partnerships with African communities. 2005-2008: \$2,210,000. Administering institution: Burnet Institute.

Whitney R, Otto B, Toole M, Morgan D, Kwarteng T, Vaughan C, Holmes W. Community based HIV programs for youth and vulnerable populations. 2001-2008: \$1,520,000. Administering institution: Burnet Institute.

#### **Australia and New Zealand Burns Association – Project Grants**

Gabbe B. National burns registry upgrade. 2008-2010: \$132,050. Administering institution: Monash University.

#### **Australian and New Zealand College of Anaesthetists – Research Grants**

Burnett W, Smart J, Rosenfeld JV. IMASH Trial – does intravenous magnesium sulfate improve clinical outcome? 2006-2009: \$40,000. Administering institution: Chinese University of Hong Kong.

Leslie K, Myles P. iPEGASUS – International Perioperative Genetics and Safety Outcomes Study in Cardiac Surgery. 2008: \$64,500. Administering institution: The Alfred.

McIlroy D, Myles P. Can endothelial dysfunction predict perioperative cardiac morbidity? 2008: \$25,000. Administering institution: The Alfred.

Santamaria J, Duke G, Pilcher D, Cooper DJ. Impact of the intensive care discharge process on patient outcomes. 2008: \$25,000. Administering institution: The Alfred.

#### **Australian and New Zealand Intensive Care Society – Project Grants**

Cooper DJ, Pelligrino V, Davies A. ENTERIC: a multicentre randomised controlled trial comparing early jejunal feeding (using a frictional nasojejunal tube) and standard feeding in critical illness. 2006-2008: \$154,000. Administering institution: The Alfred.

Nichol A, Cooper DJ, Hodgson C, Tuxen D, Davies A. Permissive hypercapnia and alveolar recruitment with limited airway pressures (PHARLAP). 2008: \$30,700. Administering institution: The Alfred.

Robertson M, Cooper DJ, Presneill J, Webb S, Higgins A. Heparin in severe sepsis. 2007-2008: \$25,000. Administering institution: The Alfred.

#### **Australian Centre for Health Research – Project Grant**

Cameron P, Stoelwinder J, Evans S, Sprivulis P, McNeil J. Measuring quality in private hospitals. 2007-2008: \$77,050. Administering institution: Monash University.

#### **Australian Centre for HIV and Hepatitis Virology – Project Grants**

Crowe S. Markers of monocyte activation as correlates of cardiovascular disease in HIV patients. 2008-2009: \$143,350. Administering institution: Burnet Institute.

Cherry CL, Hooker D, Wesselingh S, McLean C. Establishing the use and interpretation of an LM-PCR-based phenotypic assay for antiretroviral toxicity. 2007-2009: \$172,500. Administering institution: Burnet Institute.

Crowe S. HIV monitoring in resource constrained countries. 2008: \$40,000. Administering institution: Burnet Institute.

#### **Australian Health Minister's Advisory Council (AHMAC) Priority Driven Research Program – Project Grant**

Hellard M, Fairley C, Aitken C, Hocking JS. The impact of text and email messaging on the risk behaviour of young men and women: a randomised controlled trial. 2005-2008: \$192,735. Administering institution: Burnet Institute.

#### **Australian Research Council – Discovery Grants**

Febbraio M, Southgate R. Autophagic vacuole formation in mammalian skeletal muscle; role of FOXO proteins. 2007-2009: \$285,000. Administering institution: Monash University.

Fry TR, Farrell L, Aitken CK. An investigation of illicit tobacco use – its prevalence, economic impact and the motivations and perceptions of consumers. 2006-2008: \$165,000. Administering institution: RMIT University.

Jackson S. Examination of the calcium signalling dynamics linked to integrin adhesion utilising a novel micro-imaging system. 2006-2008: \$294,000. Administering institution: Monash University.

Liu J-P, Toh B-H, McLean CA. Characterisation of a novel neural-specific ATPase in cholesterol transport. 2006-2008: \$256,000. Administering institution: Monash University.

Zion D, Loff B, Briskman L. Caring for asylum seekers in Australia: bioethics and human rights. 2007-2009: \$170,000. Administering institution: Monash University.

#### **Australian Research Council – Linkage Grants**

Liew D, Reid C, Owen A, Shaw J, Magliano D. Epidemiological modelling of cardiovascular disease and diabetes in Australia. 2007-2009: \$212,000. Administering institution: Monash University.

Liew D, Dooley MJ, Wilson J. Cost-effectiveness analyses of improved adherence to management plans among Australians (COMPLIANS). 2008-2010: \$306,977. Administering institution: Monash University.

Lin V, Oldenburg BF, Hall WD, McDermott RA, Eagar K, Fleming M, Legge DG, O'Neill DL, Filby DR, Wilson A, Thompson I. Developing new methods for building health policy capacity in Australia. 2007-2010: \$209,816. Administering institution: La Trobe University.

Lithgow BJ, Kulkarni J, Senyard AL, Edwards RO. Quantitative measurement of schizophrenia using electrovestibulography. 2006-2009: \$147,900. Administering institution: Monash University.

Strugnell RA, Brown LE, Browning GF, Wesselingh SL, Walmsley AM, Webb SR, Gahan ME. Using transgenic plant-based production and delivery systems to develop an avian influenza vaccine. 2006-2008: \$150,000. Administering institution: University of Melbourne.

#### **Australian Rotary Health Research Fund – Research Grants**

de Castella A, Lee S, Kulkarni J. Evaluation of the complex needs team: How effective are improved linkages between community and psychiatric services at addressing needs of people who are homeless? 2008: \$39,770. Administering institution: The Alfred.

Stewart S, Carrington M, Clark R, Jennings G. Healthy hearts – beyond city limits. 2007-2008: \$79,850. Administering institution: Baker IDI.

#### **Bethlehem Griffiths Foundation – Research Grants**

Li Q-X, McLean CA, Culvenor JG. Cu/Zn superoxide dismutase aggregation and neurodegeneration in sporadic motor neuron disease. 2006-2009: \$83,348. Administering institution: University of Melbourne.

Ziebell J, Morganti-Kossmann MC. Cell apoptosis and inflammation in a mouse model of focal closed head injury. 2007-2008: \$42,923. Administering institution: The Alfred.

#### **beyondblue Victorian Centre of Excellence in Depression and Related Disorders – Research Grants**

Livingston T, Jefford M, White V, Horden A, Botti M, Lethborg C, Oldroyd J. A nurse-assisted screening and referral program for depression among survivors of cancer: a pilot study. 2008-2009: \$90,000. Administering institution: Deakin University.

McGartland M, Selzer R, Ellen S, Blaski G, Fitzgerald P, Ozols I, Day J. From practice to research: effect of sending assessment letters to primary care patients with depression and anxiety disorders. 2006-2008: \$99,000. Administering institution: The Alfred.

Pier C, Piterman L, Burstein F, Fisher J, Tonkin A, Klein B, Murphy A. Evaluation of Heart Health Online: A program to assist GPs to manage depression and related illness in patients with coronary heart disease. 2008-2009: \$150,000. Administering institution: Monash University.

#### **Cancer Council Victoria – Project Grants**

Bach L, Rice G. IGF-dependent and independent actions of IGF1R. 2007-2009: \$210,000. Administering institution: Monash University.

Pietersz G. Vaccine for Breast Cancer. 2008-2010: \$277,038. Administering institution: Burnet Institute.

#### **Cardiac Society of Australia and New Zealand – World Congress of Cardiology/CSANZ Research Investigatorship**

Kistler PM. Comparison of catheter ablation with medical therapy for atrial fibrillation in heart failure. 2007-2009. Administering institution: Baker IDI.

#### **Department of Health and Ageing (Federal Government)**

Hellard M, Donovan B, Guy R, Kaldor J, Sullivan E, Dimech W. Australian Collaboration for Chlamydia Enhanced Sentinel Surveillance (ACCESS). 2007-2008: \$1,083,843. Administering institution: Burnet Institute.

Mills J, Crowe S, Deacon N, McPhee D. National Centre in HIV Virology Research. 1999-2008: \$5,000,000. Administering institution: University of Melbourne.

Reid C. Testing and validating draft 'Operating Principles and Technical Standards for Australian Clinical Quality Registries'. 2008-2009: \$931,686. Administering institution: Monash University.

Wilson J. On-line clinical information solution to support the treatment of cystic fibrosis patients. 2007-2008: \$660,000. Administering institution: The Alfred.

Lift for Life Program. 2005-2008: \$2,017,680. Administering institution: Baker IDI.

#### **Department of Human Services (Victorian Government)**

Cameron P. Victorian State Trauma Registry (VSTORM). 2000-2008: \$2,579,102. Administering institution: Monash University.

Crowe S. HIV susceptibility testing using genotyping. 2005-2008: \$2,052,000. Administering institution: Burnet Institute.

Fairley C, Bourke S, McNamee K, Gurrin L, Gunn J, Guy R, Hellard M, Sanci L, Hocking J. Chlamydia prevalence and testing. 2005-2009: \$341,493. Administering institution: Burnet Institute.

Hellard M, Guy R. Renewal of HIV surveillance in Victoria. 2006-2009: \$520,000. Administering institution: Burnet Institute.

Hellard M, Guy R, White B, Minge A. Evaluation of the Victorian Public Health Prisoner Initiative. 2006-2008: \$94,232. Administering institution: Burnet Institute.

Oldenburg B, Keleher H, Hollingsworth B. Comprehensive evaluation framework to assess health promotion action plans. 2008: \$96,862. Administering institution: Monash University.

Priestly B. Review of the environmental health risk assessment guidelines for assessing human health risks from environmental hazards. 2008-2009: \$265,000. Administering institution: Monash University.

Stoové M, Crofts N, Lintzeris N, Walsh N. Exploring the health and support service experiences of prisoners post-release: prisoners, family and service providers' perspectives. 2008-2009: \$186,559. Administering institution: Burnet Institute.

#### **Department of Innovation, Industry and Regional Development (Victorian Government) – Science, Technology and Innovation Grant**

Australian Centre for Health Care Innovation (joint venture between Bayside Health, Monash University, La Trobe University, Baker IDI). 2005-2008: \$4,950,000.

#### **Diabetes Australia Research Trust – Type 1 Millennium Awards**

Forbes J, Thorburn D, Coughlan M, Penfold S. Cytosolic oxidative disturbances as a source of mitochondrial dysfunction in diabetic nephropathy. 2007-2008: \$150,000. Administering institution: Baker IDI.

Slattery R. The development of a mouse model to study how novel DNA sites in the human insulin promoter (HIP) control autoimmunity and tolerance. 2008-2009: \$150,000. Administering institution: Monash University.

#### **Diabetes Australia Research Trust – Type 2 Millennium Award**

de Courten B, Soldatos G, Walker K, Riley M, Forbes J, Coughlan M, O'Dea K. Will reduction of dietary advanced glycation end-products reduce chronic low-grade inflammation and improve insulin sensitivity in obese humans? 2007-2008: \$147,000. Administering institution: Baker IDI.

#### **Diabetes Australia Research Trust – Research Grants**

Bach LA, McRobert EA. Defining the ezrin binding site for glycosylated proteins and development of peptide antagonists for use in studying diabetic complications. 2008: \$50,000. Administering institution: Monash University.

Bruce C, Meikle P. Lipidomics and lipid profiling: identifying novel lipid species involved in the development of skeletal muscle insulin resistance. 2008: \$50,000. Administering institution: Baker IDI.

Calkin A, Jackson S, Cooper M. Diabetes associated atherothrombosis: role of advanced glycation. 2008: \$49,789. Administering institution: Baker IDI.

El-Osta A, Kaippanickal H, Okabe J, George P. Persistent changes in vascular gene activity stimulated by hyperglycemia. 2008: \$41,550.

Jandeleit-Dahm K, Barit A, Bierhaus A. Does deletion of the receptor for advanced glycation end products (RAGE) protect from development and progression of diabetic nephropathy? 2008: \$50,325. Administering institution: Baker IDI.

Kingwell B, Febbraio M, Duffy S. The hydroxylamine derivative BGP-15 as a novel hypoglycemic agent in patients with Type 2 diabetes. 2008: \$57,340. Administering institution: Baker IDI.

Lancaster G. The role of macrophage lipid accumulation in obesity-induced inflammation and insulin resistance. 2008: \$49,550. Administering institution: Baker IDI.

Matthews V, Febbraio M, Pedersen B, Steinberg G. The potential of brain derived neurotrophic factor as a therapy to treat obesity-induced insulin resistance. 2008: \$50,000. Administering institution: Baker IDI.

Osman N, Little P, Dilley RJ, Marasco S. PPARgamma and PPARgamma ligands (glitazones) in the aetiology and prevention of calcific aortic disease in diabetes. 2008: \$49,840. Administering institution: Baker IDI.

Ritchie R, McMullen J, Kaye D. Cardiac-specific IGF1 receptor overexpression rescues diabetic cardiomyopathy. 2008: \$50,034. Administering institution: Baker IDI.

Straznicky N, Lambert E, Schlaich M, Lambert G. Interrelationships between sympathetic nervous system activity and renal function in the metabolic syndrome: benefits of weight loss and aerobic exercise. 2008: \$50,000. Administering institution: Baker IDI.

Sviridov D, Nestel P, Chin-Dusting J. The effect of obesity and weight loss in metabolic syndrome patients on HDL functionality. 2008: \$49,972. Administering institution: Baker IDI.

**Diary Innovation Australia – Research Services Grant**

Meikle P, Shaw J, Jowett J, Nestel P. Obesity and obesity-related diseases. 2008-2011: \$1,200,000. Administering institution: Baker IDI.

**Helen MacPherson Smith Trust – Research Grant**

McLean CA. The study of post-mortem human brain tissue. 2008: \$74,000. Administering institution: Mental Health Research Institute.

**Ilhan Food Allergy Foundation – Research Grant**

O'Hehir R, Rolland J. Induction of regulatory T cell responses to inhibit 'anaphylactic'-type immune responses to nut allergens. 2007-2009: \$300,000. Administering institution: The Alfred.

**Juvenile Diabetes Research Foundation (Australia) – Research Grants**

Slattery R. The role of the human insulin promoter in regulating beta cell autoimmunity. 2007-2010: \$495,000. Administering institution: Monash University.

**Kidney Health Australia – Bootle Grant**

Thomas M. Novel diabetes research – to explore a link between insulin and the complications it causes. 2006-2010: \$1,000,000. Administering institution: Baker IDI.

**L.E.W. Carty Charitable Fund – Research Grant**

David S, Bell R. Health and wellbeing after breast cancer study. 2008-2009: \$100,000. Administering institution: Monash University.

**National Heart Foundation of Australia – Career Development Fellowship**

Hamilton J. 2008-2012. Administering institution: Monash University.

**National Heart Foundation of Australia – Grants-in-Aid**

Brown A, McGrady M, Zeitz C, Stewart S. The prevalence of heart failure in Aboriginal communities in Central Australia: the Heart of the Heart Study (Stage I). 2008-2009: \$129,000. Administering institution: Baker IDI.

Chai ZL, Cooper M, Toh BH, Cao Z. Role of cell division autoantigen 1 (CDA1) in atherosclerosis. 2008-2009: \$125,787. Administering institution: Baker IDI.

Chin-Dusting J, Sviridov D, Remaley A. Designing novel apolipoprotein A-I mimetic peptides as therapeutic agents for the treatment of atherosclerosis. 2008-2009: \$127,524. Administering institution: Baker IDI.

Cooper M, El-Osta A. Role of epigenetic mechanisms in diabetic vascular complications: *in vivo* studies. 2008-2009: \$127,850. Administering institution: Baker IDI.

Jackson D. Defining mechanisms of stabilisation of platelet aggregates. 2007-2008: \$125,333. Administering institution: Burnet Institute.

Jackson SP. Novel mechanisms underlying shear-dependent platelet activation and arterial thrombosis formation. 2007-2008: \$123,000. Administering institution: Monash University.

Kingwell B, Reid C. ACE inhibition; a potential new therapy for peripheral arterial disease. 2008-2009: \$126,898. Administering institution: Baker IDI.

Kistler P, Kalman J. The atrial electrical and structural effects of systemic hypertension in humans. 2008-2009: \$113,880. Administering institution: Baker IDI.

Krum H, Campbell DJ, Reid C, Stewart S. Randomised, placebo-controlled clinical trial of pharmacological intervention in high risk subjects with elevated BNP to prevent new heart failure. 2008-2009: \$126,671. Administering institution: Monash University.

Krum H, Komp A, Wang B, Drummond G. Is Rho kinase an important mediator of the pathophysiological effects of cardiac hypertrophy and failure? 2007-2008: \$125,575. Administering institution: Monash University.

Little P, Osman N, Ballinger M. Protein tyrosine kinase regulation of enzymes determining chondroitin sulfate/dermatan sulfate glycosaminoglycan fine structure on vascular smooth muscle cell proteoglycans: implications for lipid binding and atherosclerosis. 2007-2008: \$122,820. Administering institution: Baker IDI.

Medcalf R. To determine the means by which fibrinolytic enzymes compromise endothelial cell integrity. 2008-2009: \$129,000. Administering institution: Monash University.

Meikle P. Lipid profiling: early detection, monitoring and pathogenesis of atherosclerotic heart disease. 2007-2008: \$126,000. Administering institution: Baker IDI.

Peter K. Does the binding of distinct conformations of C-reactive protein regulate the pro-inflammatory property of low-density lipoproteins and thus define a novel anti-atherosclerotic target? 2008-2009: \$126,000. Administering institution: Baker IDI.

Reid C, Cameron J, Kingwell B, Dart A. Independent and combined effects of blood pressure lowering and lipid lowering on arterial stiffness – a sub-study of HOPE-3. 2008-2009: \$120,126. Administering institution: Monash University.

Schoenwaelder SM, Salem HH. Investigate the mechanisms by which type 1 phosphoinositide 3-kinase isoforms p110 $\beta$  and p110 $\gamma$  promote arterial thrombosis. 2007-2008: \$123,000. Administering institution: Monash University.

Straznicki N, Lambert E, Lambert G, Esler M, Kazuko M. Mechanisms of sympathetic overactivity in the metabolic syndrome: effects of reversing insulin resistance by drug treatment. 2007-2008: \$120,048. Administering institution: Baker IDI.

Sviridov D, Chimini G. A new strategy to elevate ABCA1 abundance for treatment of experimental atherosclerosis. 2008-2009: \$116,696. Administering institution: Baker IDI.

Taylor A, Power J, Wong C. Cardiac magnetic resonance imaging in the evaluation of myocardial fibrosis in advanced heart failure. 2008-2009: \$123,500. Administering institution: Baker IDI.

Thomas M, Cooper M, Tikellis C. Atherosclerosis and novel regulators of the renin angiotensin system in diabetic apolipoprotein E knockout mice. 2008-2009: 122,828. Administering institution: Baker IDI.

Woollard K, Chin-Dusting J, Dart A. The role of soluble P-selectin in mediating leukocyte-endothelial adhesion in peripheral arterial occlusive disease. 2008-2009: \$126,000. Administering institution: Baker IDI.

Venardos K, Kaye D. Modification of L-arginine transport to improve the ischemic heart. 2008-2009: \$113,488. Administering institution: Baker IDI.

**National Heart Foundation of Australia – Overseas Research Fellowship**

Paravicini T. A role for reactive oxygen species in remodelling of resistance vessels during hypertension. 2005-2008. Administering institution: Baker IDI.

**National Heart Foundation of Australia – Postdoctoral Fellowships**

Byrne M. Alternative therapies for atrial fibrillation: gene therapy and atrial unloading. 2008-2009. Administering institution: Baker IDI.

Dawood T. The brain and the heart: understanding the neurobiology of major depressive disorder and how this generates increased cardiac risk. 2008-2009. Administering institution: Baker IDI.

Liew D. Predicting future patterns of heart disease and diabetes in Australia. 2007-2009. Administering institution: Monash University.

Woollard K. The role of P-selectin in the pathophysiology of peripheral arterial occlusive disease, diabetes and hypertension. 2007-2008. Administering institution: Baker IDI.

Venardos K. Modification of L-arginine transport to improve the ischemic heart. 2008-2009. Administering institution: Baker IDI.

#### **National Heart Foundation of Australia – World Congress of Cardiology/ NHF Clinical Fellowship**

Peter KH. Thrombosis and myocardial infarction. 2005-2008. Administering institution: Baker IDI.

#### **Pfizer – Cardiovascular Lipid Research Grant**

Wong C. The role of the renin angiotensin aldosterone system activation in myocardial fibrosis, diastolic function and its link to liver fibrosis in morbid obesity. 2008: \$50,000. Administering institution: Baker IDI.

#### **Pfizer – Neuroscience Research Grant**

Williams DR. CSF studies in PSP and dementia. 2008: \$50,000. Administering institution: Monash University.

#### **Pfizer – Senior Research Fellowship**

Gregorevic P. Using gene transfer technology to study and treat muscle-related disease. 2008-2012. Administering institution: Baker IDI.

#### **Pfizer – Research Grant**

Slavin M, Bradstock K, Sorrell T, Schwarzer A, Szer J, Chen S, Morrissey CO. A multicentre randomised controlled trial comparing two strategies for the diagnosis of invasive aspergillosis in high-risk haematology patients (the ASPID Study). 2005-2008: \$340,000. Administering institution: Burnet Institute.

#### **Pharmacy Guild of Australia – Investigator Initiated Grants**

Dooley MJ, Poole SG, Braun L, Bailey M, Wilkinson J, Tiralongo E. The integration of complementary medicines in community pharmacy practice. 2008-2009: \$199,580. Administering institution: Monash University.

McNamara K, Peterson G, George J, Howarth H, Dunbar J, Jackson S, Janus E, Duncan G, O'Reilly S, Oldenburg R, Bunker S, Emery J. Pharmacist assessment of adherence, risk and treatment in cardiovascular disease (PAART CVD). 2007-2008: \$198,601. Administering institution: Monash University.

Jackson S, Peterson G, Bereznicki B, Gee P, Fitzmaurice K, Walters EH, George J, Stewart K, March M. Pharmacy dispensing records to identify and educate patients with suboptimal asthma management. 2008-2009: \$192,986. Administering institution: University of Tasmania.

#### **Prostate Cancer Foundation – Project Grant**

Xing PX. Treating prostate cancer with human anti-Cripto antibodies. 2008: \$140,375. Administering institution: Burnet Institute.

#### **Royal Australasian College of Physicians – Research Initiative Grant**

Ierino F, Isabel N, Krum H. A randomised controlled trial of the beta-blocker carvedilol versus placebo to reduce cardiovascular morbidity and mortality in patients receiving dialysis. 2008-2010: \$704,400. Administering institution: University of Melbourne.

#### **Royal Australasian College of Physicians – GSK Australia Fellowship in Neurology**

Abbot A. 2008. Administering institution: Baker IDI.

#### **Sylvia and Charles Viertel Charitable Foundation – Project Grant**

Williams DR. A therapeutic trial of amantadine in progressive supranuclear palsy (PSP). 2007-2008: \$60,000. Administering institution: Monash University.

#### **Transport Accident Commission and Department of Human Services (Victorian Government) – Outcomes Grant**

Cameron P, Gabbe B, McNeil J. Continuation of the monitoring and evaluation of the Victorian state trauma system. 2005-2008: \$1,500,000. Administering institution: Monash University.

#### **Transport Accident Commission – Fellowship**

Dowrick A. Optimal timing of definitive fracture fixation in multi-trauma patients. 2007-2008. Administering institution: The Alfred.

#### **Transport Accident Commission – Grants**

Ackland H, Cameron P, Cooper J. Correlation of clinical and radiographic findings with long term outcomes in road trauma patients with acute cervical discoligamentous injury. 2006-2008: \$207,000. Administering institution: Monash University.

Butt W, Rosenfeld J, Maixner W, Adamides A. Cerebral autoregulation monitoring in paediatric traumatic brain injury. 2006-2009: \$24,000. Administering institution: Royal Children's Hospital.

Cameron P, Gabbe B, Edwards E, Richardson M, Williamson O, Graves S. Victorian Orthopaedic Trauma Outcomes Registry (VOTOR): Evaluation and monitoring of treatment effectiveness across Victorian hospitals. 2007-2009: \$300,000. Administering institution: Monash University.

Cameron P, Jeffcott S, Fitzgerald M, Farrow N. Optimising trauma team performance in the Emergency Department. 2007-2008: \$80,950. Administering institution: Monash University.

Cleland H, Wasiak J. Lignocaine for burn pain. 2007-2008. \$44,700. Administering institution: The Alfred.

Cooper DJ, Rosenfeld J. Continuation of DECRA project. 2007-2011: \$566,373. Administering institution: The Alfred.

Edwards E, Graves S, Williamson O, Richardson M, Cicuttini F, Cameron P. Victorian Orthopaedic Trauma Outcomes Registry (VOTOR) Phase II. 2006-2008: \$380,000. Administering institution: Monash University.

Gabbe B, Cameron P, Williamson O. Improving the measurement of function and quality of life outcomes in paediatric trauma. 2007-2008: \$156,000. Administering institution: Monash University.

Gabbe B, Cameron P, Sutherland A, Hannaford A. Outcomes following major trauma in Victoria: inclusion of a 12 month follow-up and quality of life measure (VSTORM). 2007-2009: \$92,400. Administering institution: Monash University.

Marasco S, Cooper DJ. Phase II pilot randomised trial of operative fixation of fractured ribs in patients with flail chest. 2007-2009: \$318,254. Administering institution: The Alfred.

Millar I, Cameron P, Williamson O. Does hyperbaric oxygen therapy reduce complications and improve outcomes after open tibial fractures with severe soft tissue injury? An international multi-centre randomised controlled trial. 2006-2010: \$273,000. Administering institution: Monash University.

O'Donnell ML, Creamer M, Bryant R, Ellen S, Holmes A, Judson R. Towards effectiveness: piloting a stepped mental health care model of service delivery. 2006-2008: \$429,377. Administering institution: Australian Centre for Posttraumatic Mental Health.

O'Donnell ML, Creamer M, Bryant R, McFarlane A. A comparison of service use and recovery outcomes for compensable and non-compensable trauma patients. 2006-2008: \$83,184. Administering institution: Australian Centre for Posttraumatic Mental Health.

Patrick I, Evans S, Fitzgerald M, Cameron P, McCabe N. Enhancing communication transfer between the ambulance service and the emergency department. 2008: \$59,478. Administering institution: Monash University.

#### **Victorian Endowment for Science, Knowledge and Innovation (VESKI) – Innovation Fellowship**

Barry A. Population genomics of major surface antigen genes of the malaria parasite. 2007-2008. Administering institution: Burnet Institute.

#### **VicHealth – Discovery Grants**

Aitken C, Dixon H, Lim M, Wakefield M, Ferrari G, Hope J, Hellard M. Using text messaging (SMS) to promote health issues to young people: a randomised controlled trial. 2008-2009: \$68,593. Administering institution: Burnet Institute.

Oldenburg B, Eagar C, Tonkin A, Meredith I, Fitzgerald P, Topliss D, Wolfe R. Citizens' views on chronic disease prevention and health promotion. 2008-2009: \$74,436. Administering institution: Monash University.

#### **VicHealth – Fellowships**

Dunstan D. 2006-2010. Administering institution: Baker IDI.  
Hellard M. 2004-2008. Administering institution: Burnet Institute.  
Loff B. 2006-2010. Administering institution: Monash University.  
Peeters A. 2004-2008. Administering institution: Monash University.

#### **Victorian Cancer Agency – Early Career Seed Grant**

Scalzo K, Plebanksi M. The effects of chemotherapy on peripheral levels of conventional and non-conventional regulatory T cells in patients with ovarian cancer. 2008: \$41,500. Administering institution: Monash University.

#### **Victorian Cancer Agency – Supportive Care Infrastructure Grants**

Anderson J, Rosenfeld JV, Saling M, Fabinyi G. The efficacy of targeting international forgetting strategies in memory rehabilitation for individuals with frontal lobe tumours. 2008: \$82,000. Administering institution: University of Melbourne.

Livingston P, Considine J, O'Connell B, Botti M. Developing supportive care measures across day oncology settings, and in ED, to assist cancer patient's care during chemotherapy treatment. 2008: \$78,000. Administering institution: Deakin University.

Livingston P, Jefford M, White V, Horden A, Botti M, Lethborg C, Oldroyd J. A nurse-assisted screening and referral program for depression among survivors of cancer: a pilot study. 2008: \$41,000. Administering institution: Deakin University.

#### **Victorian Cancer Agency – Clinical Trials Infrastructure Grant**

Millar JL. Development of a complete, reliable, accessible Register of active cancer trials in Southern Melbourne. 2008: \$40,000. Administering institution: Monash University.

#### **Victorian Neurotrauma Initiative – Neurotrauma Fellowships**

Maller J. 2008-2011. Administering institution: Monash University.  
Miller S. 2008-2011. Administering institution: Monash University.  
Morganti-Kossmann C. 2008-2011. Administering institution: The Alfred.

#### **Victorian Neurotrauma Initiative – Traumatic Brain Injury Project Grants**

Cooper DJ, Myburgh J, Finfer S, Bellomo R, Norton R. Fluid resuscitation for patients with traumatic brain injury – potential mechanisms behind the detrimental effect of albumin resuscitation. 2007-2008: \$227,700. Administering institution: The Alfred.

Cooper DJ, Rosenfeld J, Murry L. Multi-centre prospective randomised trial of early decompressive craniectomy in patients with severe traumatic brain injury (DECRA). 2008-2011: \$90,000. Administering institution: The Alfred.

Couchman G, Ponsford J. Headstart: Multi-family groups for traumatic injury. A clinical research program for the study of the impact of multi-family group intervention on the social and psychological functioning of people with traumatic brain injury and their care givers. 2007-2009: \$345,618. Administering institution: Monash University.

Finfer S, Myburgh J, Cooper DJ, Higgins A. Normoglycaemia in intensive care traumatic brain injury (NICE TBI) study. 2008-2011: \$98,797. Administering institution: The Alfred.

Fitzgerald PB. Transcranial magnetic stimulation (TMS) treatment in depression after traumatic brain injury (TBI). 2008-2010: \$502,950. Administering institution: Monash University.

Kinsella G, Olver J, Ong B. Traumatic brain injury in older adults – does age matter? 2007-2009: \$303,188. Administering institution: La Trobe University.

McLean C, Morganti-Kossmann C, Rosenfeld J. Establishment of a neurotrauma tissue/fluid bank within the National Neural Tissue Resource Centre (NNTRC). 2007-2010: \$811,148. Administering institution: The Alfred.

Medcalf R, Morganti-Kossmann C, Schmidt H. To determine the role of tissue type plasminogen activator models of traumatic brain injury. 2007-2010: \$578,064. Administering institution: Monash University.

Morganti-Kossmann C. Enhancing endogenous neurogenesis as a potential therapy following traumatic brain injury (pilot study). 2007-2008: \$162,910. Administering institution: The Alfred.

Morganti-Kossmann C, Cooper DJ, Rosenfeld J. Role of post-traumatic hypoxia in the exacerbation of cerebral inflammation elicited by brain injury. 2007-2009: \$232,794. Administering institution: The Alfred.

Olver J, Ponsford J. Longitudinal head injury outcomes study. 2007-2010: \$940,574. Administering institution: Monash University.

Ponsford J, Cameron P, Fitzgerald M. Assessment and intervention for patients with mild traumatic brain injury. 2007-2009: \$229,955. Administering institution: Monash University.

Saunders N, Morganti-Kossmann C, Howells D, Crack P, Tan S-S, McIntyre P, Dziegielewska K, Callaway J. Traumatic injury to brain and spinal cord: secondary injury, development and evaluation of new treatments. 2007-2009: \$4,186,012. Administering institution: University of Melbourne.

## **INTERNATIONAL GRANTS**

#### **American Foundation for AIDS Research (amFAR) – Fellowships**

Webster N. 2006-2008. Administering institution: Burnet Institute.  
Xhilaga M. 2007-2009. Administering institution: Monash University.

#### **American Foundation for AIDS Research (amFAR) – Project Grant**

Kent S, Davenport M. Establishment of the HIV reservoir during acute infection. 2007-2008: US\$130,593. Administering institution: University of Melbourne.

#### **Bill and Melinda Gates Foundation – Global Health Development Program**

Crowe SM, Anderson D, Landay A, Denny T. A point-of-care test for examining CD4 in remote areas. 2008: \$1,076,226. Administering institution: Burnet Institute.

#### **Canadian Institutes of Health Research – RCT Grant**

Cook DJ, Meade MO, Cooper DJ. PROTECT: Canadian Critical Care Trials Group. 2005-2008: \$4,900,000. Administering institution: The Alfred.

#### **Ford Foundation – Asset Building and Community Development Grant**

Morgan A. Promoting men's involvement in ante natal care services, Indonesia. 2008-2009: US\$100,000. Administering institution: Burnet Institute.

#### **Heart and Stroke Foundation (Canada) – Grant-in-Aid**

Warkentin TE, Cook DJ, Cooper DJ. Evaluating the incidence and clinical importance of heparin induced thrombocytopenia in the critically ill. 2007-2009: \$164,218. Administering institution: The Alfred.

#### **Juvenile Diabetes Research Foundation International – Career Development Award**

Forbes JM. Designing more effective treatment strategies for diabetic nephropathy. 2005-2009: US\$625,000. Administering institution: Baker IDI.

#### **Juvenile Diabetes Research Foundation International – Clinical Investigations Research Grant**

Cooper M. Role of alagebrium in diabetic nephropathy. 2006-2009: US\$1,635,840. Administering institution: Baker IDI.

#### **Juvenile Diabetes Research Foundation International – High Priority, Short Term Grant**

Allen T. The role of urotensin II in Type 2 diabetes. 2008: US\$55,000. Administering institution: Baker IDI.

### **Juvenile Diabetes Research Foundation International – Project Grants**

Allen T, Jandeleit-Dahm K, Koh P, Miljavec S, Langmaid G. Vascular NADPH oxidases in diabetic atherosclerosis. 2007-2009: US\$476,200. Administering institution: Baker IDI.

Cooper M, Thomas M, Tikellis C, Burrell L, Koitka A, Prestinenzi A. Novel regulators of the renin angiotensin system in the diabetic kidney. 2007-2009: US\$493,870. Administering institution: Baker IDI.

Cooper M. Set 7: a novel target for diabetic vascular complications. 2008-2013: US\$1,250,000. Administering institution: Baker IDI.

El-Osta A, Cooper M, Kaipanickal H, Balcerczyk A, Brasacchio D, Chin Fu Wen K. Epigenetic modifications in hyperglycemic memory and cell differentiation. 2008: US\$110,000. Administering institution: Baker IDI.

El-Osta A. Role of chromatin remodeling in diabetic vascular complications. 2005-2008: US\$494,175. Administering institution: Baker IDI.

Thomas M. Large scale production of the soluble receptor for advanced glycation end-products (sRAGE). 2008: US\$153,882. Administering institution: Baker IDI.

### **Juvenile Diabetes Research Foundation International – Sub Grant to Albert Einstein Center Australian Arm Core B**

Allen T, Bobik A, Forbes J, Kantharides P, Tikellis C. Renal/Atherosclerosis Core. 2004-2009: US\$301,845. Administering institution: Baker IDI.

### **Juvenile Diabetes Research Foundation International – Albert Einstein Center Australian Arm Project 4**

Forbes J, Thomas M, Cooper M, Bach L. Optimising preventative therapy for diabetic complications: identifying tissue specific mechanisms of reactive oxygen species. 2004-2009: US\$762,060. Administering institution: Baker IDI.

### **Juvenile Diabetes Research Foundation International – Training Grant**

Tikellis C. The role of angiotensin converting enzyme in diabetic complications. 2006-2009. Administering institution: Baker IDI.

### **Levi Strauss Foundation – Strategic Grant**

Fischer A. Capacity building for local responses to HIV/AIDS amongst injecting drug users in Indonesia. 2005-2008: US\$70,000. Administering institution: Burnet Institute.

### **Leukaemia and Lymphoma Society (USA) – Specialised Centre of Research**

Adams JM, Cory S, Colman P, Strasser A, Vaux DL, Bouillet P, Gerondakis S, Huang DSC. Apoptosis in hematopoiesis, leukemogenesis and therapy. 2007-2010: US\$800,000. Administering institution: Walter and Eliza Hall Institute.

### **Muscular Dystrophy Association – Research Grant**

Gregorevic P. Gene transfer based follistatin expression for treatment of muscular dystrophy. 2008-2010: US\$330,000. Administering institution: Baker IDI.

### **NARSAD (USA) – Young Investigator Award**

Enticott P. 2008-2010. Administering institution: Monash University.

### **National Institutes of Health (USA)**

Benke G. Chemical exposure and brain tumours. 2008: US\$50,000. Administering institution: Monash University.

Cooper M, Allen T, Burrell L, Forbes J, Groop P-H, Jandeleit-Dahm K, Jerums G, Parving H-H. AGEs and cardiovascular disease in Type 1 diabetes. 2006-2010: US\$1,338,000. Administering institution: Baker IDI.

Kaldor J, Crofts N, Dore G, Hellard M, Lloyd A, Rawlinson W, MacCaughan G, Haber P, van Beek I, Dolan K. Longitudinal cohort study of newly acquired hepatitis C virus infection among injecting drug users. 2003-2008: \$1,800,000. Administering institution: University of NSW.

Loff B. International bioethics education and career development. 2004-2008: \$1,000,000. Administering institution: Monash University.

McCarthy T, Wesselingh S. VivaGel microbicide development consortium. 2005-2010: \$26,000,000. Administering institution: Starpharma.

McCarthy T, Wesselingh S, Crowe S. Development of dendrimer and combination microbicides. 2004-2009: US\$5,646,466. Administering institution: Starpharma.

Thio C, Locarnini SA, Thomas D, Lewin SR, Saszdeusz J, Dore G, Cooper D, Seeger E, Goodman Z. The natural history and virology of HIV-HBV co-infection. 2004-2009: US\$2,500,000. Administering institution: Melbourne Health.

Thomson KR, Lyon SM. Cardiovascular Outcomes in Renal Atherosclerosis Lesions (CORAL) trial. 2007-2008: US\$67,000. Administering institution: The Alfred.

### **Society for Progressive Supranuclear Palsy – Research Grant**

Williams DR. Mapping progressive neurodegeneration in PSP using transcranial magnetic stimulation and CSF-TAU. 2008-2009: US\$60,000. Administering institution: Monash University.

### **Stanley Medical Research Institute (USA)**

Kulkarni J. A multi-site adjunctive estradiol treatment in women with schizophrenia. 2006-2008: US\$1,223,533. Administering institution: Monash University.

### **Susan G Komen Breast Cancer Foundation – Research Grants**

Apostolopoulos V. Development of a DNA breast cancer vaccine. 2006-2008: US\$249,750. Administering institution: Burnet Institute.

Pietersz G. Penetratin-based vaccines for the treatment of breast cancer. 2006-2008: US\$242,040. Administering institution: Burnet Institute

### **The International Society of Heart and Lung Transplantation – Career Development Award**

Westall G. 2008-2009. Administering institution: The Alfred.

### **United Nations Development Program – Fund for HIV/AIDS in Myanmar Grant**

Fischer A. Reducing burden of CD morbidity/mortality in Myanmar. 2007-2009: \$2,073,034. Administering institution: Burnet Institute.

## **NHMRC GRANTS COMMENCING IN 2009**

### **Project Grants**

Abramson M, Benke GP, Croft RJ, Sim MR. Do mobile phones affect cognitive development in children? 2009-2011: \$531,000. Administering institution: Monash University.

Andrews RK, Cranmer SL, Ramshaw H, Salem H. The role of platelet receptor glycoprotein Ib-V-IX in thrombosis. 2009-2011: \$576,750. Administering institution: Monash University.

Bach LA, Rice GE, Fu P. How do proteins regulate cell behaviour? 2009-2011: \$528,750. Administering institution: Monash University.

Bruce C. Sphingosine kinase as a target therapeutic for obesity induced insulin resistance. 2009-2011: \$432,750. Administering institution: Baker IDI.

Chin-Dusting J, Dusting G. Targeting arginase in peripheral arterial occlusive disease. 2009-2011: \$234,250. Administering institution: Baker IDI.

Cooper DJ, Bernard SA, Nichol A, Presneill JJ, Cameron P, Myburgh JA. The POLAR RCT. 2009-2013: \$1,958,075. Administering institution: Monash University.

Cooper M, El-Osta A, Jandeleit-Dahm K. Role of chromatin remodelling in diabetic renal and vascular complications: *in vivo* studies. 2009-2011: \$456,000. Administering institution: Baker IDI.

- Cooper M, Kantharidis P, Twigg S. Growth factors and their effect on microRNAs and transcription factors in tubulointerstitial fibrosis in diabetes. 2009-2011: \$471,000. Administering institution: Baker IDI.
- de Haan J, Cooper M. Antioxidant glutathione peroxidase (GPx) mimetics and atherosclerosis: a role for targeted antioxidant therapy. 2009-2011: \$344,250. Administering institution: Baker IDI.
- Drummer HE, Poubourios P. How variable regions in HCV E2 modulate glycoprotein function. 2009-2011: \$521,250. Administering institution: Burnet Institute.
- Dunstan D, Shaw J, Salmon J, Zimmet P, Cerin E. Understanding the acute and cumulative metabolic effects of prolonged sitting in adults. 2009-2011: \$400,050. Administering institution: Baker IDI.
- El-Osta A, Du X-J. Understanding the opposing roles of SWI/SNF in the control of gene programs for pathological cardiac hypertrophy. 2009-2011: \$457,689. Administering institution: Baker IDI.
- Enticott PG. Examining the brain basis of social cognitive impairment in autism spectrum disorders. 2009-2011: \$144,500. Administering institution: Monash University.
- Febbraio M, Lancaster G. Can blocking fatty acid transport in myeloid cells prevent insulin resistance? 2009-2011: \$491,250. Administering institution: Baker IDI.
- Febbraio M, Rose-John S, Matthews V. Novel gp130 receptor ligands to treat metabolic disease. 2009-2011: \$680,250. Administering institution: Baker IDI.
- Fitzgerald PB. rTMS treatment in bipolar depression. 2009-2011: \$385,800. Administering institution: Monash University.
- Forbes A, Ramsay CR, Forbes CS. Interrupted time series studies: design and analysis resolution. 2009-2011: \$297,425. Administering institution: Monash University.
- Forbes J, Thorburn D, Muench G, de Haan J. Cytosolic oxidative disturbances as a source of mitochondrial dysfunction in diabetic nephropathy. 2009-2011: \$486,000. Administering institution: Baker IDI.
- Gardiner EE, Andrews RK. Regulation of platelet surface proteins. 2009-2011: \$531,500. Administering institution: Monash University.
- Gorry PR, Churchill MJ. Env-determinants of HIV-1 subtype C contributing to pathogenicity. 2009-2011: \$410,350. Administering institution: Burnet Institute.
- Gowans EJ, Loveland BE. A novel HCV vaccine. 2009-2011: \$463,000. Administering institution: Burnet Institute.
- Gowans EJ, Roberts SK, Loveland BE. A new HCV cell therapy. 2009-2011: \$530,849. Administering institution: Burnet Institute.
- Gregorevic P. Defining mechanisms of follistatin-mediated muscle adaptation, for treatment of frailty and muscle-related diseases. 2009-2011: \$536,250. Administering institution: Baker IDI.
- Head G, Armitage J, Davern P, Eikelis N. A neurogenic basis of obesity hypertension: role of adipokines and ghrelin in regulating sympathetic vasomotor activity. 2009-2011: \$344,250. Administering institution: Baker IDI.
- Head G, Davern P, Morris B. Neurogenic hypertension in the spontaneously hypertensive mouse: role of the hypothalamic-brainstem sympathetic axis. 2009-2011: \$458,000. Administering institution: Baker IDI.
- Jackson SP, Nesbitt WS. Examination of the mechanical effects of blood flow on clot formation. 2009-2011: \$488,750. Administering institution: Monash University.
- Jaworowski A, Crowe SM. How HIV causes disease. 2009-2011: \$438,000. Administering institution: Burnet Institute.
- Kaye D, Venardos K. Mitochondrial L-arginine transport and its role in the pathogenesis of heart failure. 2009-2011: \$504,875. Administering institution: Baker IDI.
- Kotsimbos T, Mifsud N, Tait B. Cross-reactive anti-viral T cells mediate allograft rejection in lung transplantation. 2009-2011: \$364,650. Administering institution: The Alfred.
- Kulkarni J, Davis SR. Brain estrogens – a potential treatment for symptoms of schizophrenia? 2009-2011: \$673,750. Administering institution: Monash University.
- Loff B, Zion DR, Glass DC, Fritschi L, Kelsall HL, Brown NJ. Clarifying Australians' understanding of privacy – what affects participation in epidemiological research? 2009-2011: \$425,850. Administering institution: Monash University.
- Mak J, Hijnen M. Virus-host interplay during HIV-1 assembly. 2009-2011: \$324,250. Administering institution: Burnet Institute.
- McMullen J, Woodcock E. Targeting critical nodes on the IGF1-PI3K pathway to improve function of the failing heart. 2009-2011: \$493,000. Administering institution: Baker IDI.
- O'Brien PE, DeWitt DE. The control of Type 2 diabetes through weight loss in indigenous Australians: the feasibility and acceptability of LAGB. 2009-2011: \$577,500. Administering institution: Monash University.
- Peter K. Platelet-activating and proinflammatory effects of proteins secreted by *Staphylococcus aureus*. 2009-2011: \$496,000. Administering institution: Baker IDI.
- Poubourios P, Drummer HE, Wilce M. Structural and functional role of HIV-1 gp41 terminal interactions in the membrane fusion mechanism. 2009-2011: \$508,500. Administering institution: Burnet Institute.
- Power DA. Waste control in kidney disease. 2009-2011: \$438,000. Administering institution: Burnet Institute.
- Ramslund PA, Wines BD. Bacterial evasion of IgA immunity. 2009-2011: \$462,750. Administering institution: Burnet Institute.
- Rice G, Lappas M, Permezel M. Molecular mechanisms regulating spontaneous onset of human labour. 2009-2011: \$426,600. Administering institution: Baker IDI.
- Ritchie R, McMullen J, Jandeleit-Dahm K. Targeting ROS-induced damage rescues the diabetic heart. 2009-2011: \$469,000. Administering institution: Baker IDI.
- Schoenwaelder SM, Salem HH. Investigation of new approaches to dissolve blood clots. 2009-2011: \$479,375. Administering institution: Monash University.
- Sviridov D, Thomas M, Bach L. Impact of advanced glycation on anti-atherogenic properties of high density lipoprotein. 2009-2011: \$357,750. Administering institution: Baker IDI.
- Sviridov D, Bukrinsky M. Atherosclerosis and HIV. 2009-2011: \$349,500. Administering institution: Baker IDI.
- Thomas M, Tikellis C, Cooper M, Brown R. The role of angiotensin converting enzyme 2 in diabetic complications. 2009-2011: \$435,375. Administering institution: Baker IDI.
- Thrift A, Dewey H, Macdonell R. 10-year outcome after stroke: final follow-up for survival, stroke recurrence, functional ability and costs. 2009: \$50,325. Administering institution: Baker IDI.

Tonkin A, Dennekamp M, Erbas B, Sim MR, Glass DC. Cardiac effects of 2006/2007 bushfire air pollution in Melbourne. 2009: \$57,675. Administering institution: Monash University.

Wilkinson-Berka JL, Miller AG. Aldosterone and diabetic retinopathy. 2009-2011: \$491,250. Administering institution: Monash University.

Wolfe R, Forbes A. Missing data and risk prediction. 2009-2011: \$435,125. Administering institution: Monash University.

Woodcock E, Iismaa S. A novel cardiac inotropic mechanism that provides functional benefit 2009-2011: \$397,750. Administering institution: Baker IDI.

Woodcock E. Cardiac-specific therapy targeting hypertrophy and apoptosis. 2009-2011: \$526,500. Administering institution: Baker IDI.

Wright MD, Hickey MJ. How tetraspanin proteins control the movement of white blood cells. 2009-2011: \$402,750. Administering institution: Monash University.

#### **Development Grants**

Anderson D. Development and prototype manufacture of a high-throughput CD4 T-cell test for management of HIV/AIDS infections. 2009: \$163,150. Administering institution: Burnet Institute.

Krum H. Development of novel anti-inflammatory agents. 2009: \$200,600. Administering institution: Monash University.

Kulkarni J. The diagnosis, biomarker identification and measurement of drug efficacy in mental illness and neurological conditions. 2009: \$116,500. Administering institution: Monash University.

Pietersz G. Novel vaccine formulation for immunotherapy of adenocarcinomas. 2009: \$178,400. Administering institution: Burnet Institute.

#### **Urgent Research – H1N1 Influenza Research Grants**

Crowe S. Immune responses to 2009 H1N1 to assist public health response. 2009: \$184,712. Administering institution: Burnet Institute.

Ffrench R. A centralised facility for immunological monitoring of human H1N1 immunity post infection or vaccination. 2009: \$184,395. Administering institution: Burnet Institute.

Hellard M. The epidemiology, transmission and impact of new influenza a (H1N1) on the Victorian community in 2009 \$152,335. Administering institution: Burnet Institute.

#### **Australia Fellowship**

Cooper M. 2009-2013. Administering institution: Baker IDI.

#### **Research Fellowships**

El-Osta A. 2009-2013. Administering institution: Baker IDI.

Gowans E. 2009-2013. Administering institution: Burnet Institute.

Hellard M. 2009-2013. Administering institution: Burnet Institute.

Jackson D. 2009-2013. Administering institution: Burnet Institute.

Jackson S. 2009-2013. Administering institution: Monash University.

Jandeleit-Dahm K. 2009-2013. Administering institution: Baker IDI.

Kingwell B. 2009-2013. Administering institution: Baker IDI.

Reeder J. 2009-2013. Administering institution: Burnet Institute.

Tachedjian G. 2009-2013. Administering institution: Burnet Institute.

#### **Practitioner Fellowship**

Cameron P. 2009-2013. Administering institution: Monash University.

#### **Career Development Awards**

Cherry C. 2009-2012. Administering institution: Burnet Institute.

Gorry P. 2009-2012. Administering institution: Burnet Institute.

Hughan S. 2009-2012. Administering institution: Monash University.

Matthews V. 2009-2012. Administering institution: Baker IDI.

Wluka A. 2009-2012. Administering institution: Monash University.

#### **Training (Postdoctoral) Fellowships**

Drew B. 2009-2012. Administering institution: Baker IDI.

Driscoll A. 2009-2012. Administering institution: Monash University.

Enticott P. 2009-2012. Administering institution: Monash University.

Fletcher A. 2009-2012. Administering institution: Monash University.

Giles M. 2009-2012. Administering institution: The Alfred.

Gurvich C. 2009-2012. Administering institution: Monash University.

Hoare H. 2009-2012. Administering institution: Burnet Institute.

Hoy K. 2009-2012. Administering institution: Monash University.

Keegel T. 2009-2012. Administering institution: Baker IDI.

Lim M. 2009-2012. Administering institution: Burnet Institute.

McKenzie D. 2009-2012. Administering institution: Monash University.

Tonna S. 2009-2012. Administering institution: Baker IDI.