

MAJOR GRANTS



Listed are the major national competitive, peer-reviewed research grants held by AMREP staff in 2010; 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.

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 tumorigenesis and therapy. 2007-2011: \$21,228,860. Administering institution: Walter and Eliza Hall Institute.

Cooper D, Beard M, Dore G, Emery S, French M, Kelleher A, Kent S, Lloyd A, Purcell D. HIV and HCV vaccines and immunopathogenesis. 2009-2013: \$17,734,213. Administering institution: University of New South Wales.

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.

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.

Kaldor J, Garland SM, Fairley CK, Law MG, Grulich AE. Sexually transmitted infections: causes, consequences and interventions. 2010-2014: \$9,100,000. Administering institution: University of New South Wales.

Krum H, Kelly D, Reid C. Prevention and treatment of chronic heart and kidney disease via epidemiological, pharmacological device and cell-based approaches. 2010-2014: \$5,390,000. Administering institution: Monash University.

Mackay C, Sprent J, Goodnow C, Basten T, de St Fazekas B, Mackay F, Tangye S, Vinuesa C, Brink R. Molecular and cellular studies of the adaptive immune response in health and disease. 2007-2011: \$15,544,453. Administering institution: Garvan Institute of Medical Research.

Marwick T, Stewart S. Integration of risk evaluation in cardiovascular disease management programs. 2009-2010: \$4,568,853. Administering institution: University of Queensland.

Capacity Building Grants

Eades S. Making a difference: building research capacity for health interventions to improve Aboriginal health. 2010-2011: \$2,317,125. Administering institution: Baker IDI.

Sim M, Abramson M, Fritschi L, LaMontagne A. Linking research policy and health services to build a better evidence base for workplace public health. 2009-2013: \$1,625,115. Administering institution: Monash University.

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.

Centres of Research Excellence

Dart A, Jennings G, Kaye D, Peter K, Kingwell B, Chin-Dusting J. Centre of Excellence for Clinical Research Training in Translational Cardiology. 2010-2015: \$2,500,000. Administering institution: Baker IDI

Hellard M, Dietze P, Ritter A, Lubman D, Kinner S, Dore G, Maher L, Williams G, Moore D, Power R. Reducing the health, social and economic burden of injecting drug use in Australia. 2010-2015: \$2,485,060. Administering institution: Burnet Institute.

H1N1 Influenza Research Grant

Kelly P, Kotsimpos T, Becker N, Reynolds A, Cheng A. Establishing a rapid alert system for severe respiratory illness in adults: the FluCAN Surveillance system. 2009-2010: \$268,991. Administering institution: Australian National University.

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.

Scott A, Joyce C. Understanding the dynamics of the medical workforce to improve population health and equity of access: the Australian Longitudinal Survey of Doctors. 2007-2011: \$2,133,430. Administering institution: University of Melbourne.

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 Grants

Kinner S, Alati R, Williams G, Lennox N, Boyle F, Jamrozik K, Vlack S, Haswell-Ekins M, Taylor D. Passports to advantage: health and capacity building as a basis for social integration. 2007-2011: \$1,564,095. Administering institution: Burnet Institute.

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.

Development Grants

Kaye D, Krippner G. Novel soluble guanylate cyclase activators for pulmonary artery hypertension. 2010-2011: \$470,100. Administering institution: Baker IDI.

Mitchell A, Nesbitt WS, Jackson SP. Microfluidic device for the quantitative assessment of blood platelet aggregation behaviour. 2010-2011: \$267,750. Administering institution: RMIT University.

Grgacic E. A novel vaccine platform for trimeric envelope proteins: HIV-1 envelope. 2010: \$139,250. Administering institution: Burnet Institute.

Enabling Grants

Bellomo R, Cooper DJ, Myburgh J, Finfer S. National Centre for Intensive Care Research. 2010-2015: \$2,500,000. 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 C. National Network of Brain Banks. 2010-2014: \$2,536,000. 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

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

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

Allen T, Cooper M. The role of urotensin II in diabetes-associated atherosclerosis. 2010-2012: \$391,125. Administering institution: Baker IDI.

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

Andrews RK, Arthur JF. Redox regulation of platelet adhesion receptors. 2010-2012: \$571,500. 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.

Andrews RK, Speare R, Carapetis, J, McCarthy J, Cheng A, Kearns T, Mulholland E, Holt D, Markey P. Impact of an ivermectin mass drug administration program against endemic scabies and strongyloidiasis. 2010-2012: \$1,257,125. Administering institution: Menzies School of Health Research.

Andrews RK, Ward CM. Factor XII-dependent thrombosis and platelet glycoprotein Ib. 2010-2012: \$324,750. 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.

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

Baker AL, Richmond RL, Castle D, Kulkarni J, Williams JM, Kay-Lambkin FJ. Improving the lifestyle of people with psychotic illnesses. 2009-2012: \$773,000. Administering institution: University of Newcastle.

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.

Bellomo R, Cooper DJ, Street A, Nichol A, French CJ, Presneill JJ. Erythropoietin in traumatic brain injury (EPO-TBI). 2009-2013: \$1,886,655. Administering institution: Monash University.

Bennell K, Buchbinder R, Wrigley T, Harris A, Pua Y. Is physiotherapy beneficial for people with osteoarthritis? 2010-2012: \$607,488. Administering institution: University of Melbourne.

- Berger P, Hamilton G, Naughton M. Duty ratio: a simple method for quantifying loop gain during breathing instability. 2010-2012: \$331,841. Administering institution: Monash University.
- 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.
- Browning C. Health, wellbeing, disability and service pathways in older (80+) Australians. 2008-2010: \$358,850. 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.
- Bryant A, Bennell K, Lloyd D, Cicuttini F, Wrigley T. Young people with old knees: knee ligament reconstruction and early joint changes. 2010-2013: \$747,800. 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.
- Buttery JP, Barnes CD, Monagle P, Spelman D, Lindeman R. Optimal immunisation schedules for children and adults with poor or non-functioning spleens. 2009-2011: \$455,188. Administering institution: Murdoch Childrens Research Institute.
- Campbell DJ, Prior DL, Liew D, Wolfe RC. Targeting those at risk of chronic heart failure. 2009-2013: \$1,420,375. Administering institution: St Vincent's Institute of Medical Research.
- Chapman I, Visvanathan R, Naganathan V, Hunter P, Karnon J, Horowitz M, Lange K, Cameron I. Testosterone and a nutritional supplement treatment for undernourished older people. 2010-2012: \$1,018,438. Administering institution: University of Adelaide.
- Chin-Dusting J, Dusting G. Targeting arginase in peripheral arterial occlusive disease. 2009-2011: \$234,250. Administering institution: Baker IDI.
- Churchill M, Wesselingh S, Turville S, Gorry P. Molecular studies of the astrocyte reservoir of HIV-1 in the central nervous system. 2010-2012: \$571,500. Administering institution: Burnet Institute.
- Cohen MM, Smit DV, Taylor D, Cameron P, Xue CC. Multiple emergency department acupuncture trials (MEDACT). 2009-2011: \$416,301. Administering institution: RMIT University.
- Cooper DJ, Bernard S, Rosenfeld J, Cameron P. POLAR - Prophylactic hypothermia trial to lessen traumatic brain injury: a randomised controlled trial. 2009-2013: \$1,998,578. 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, 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.
- Coughlan M. Restricting dietary advanced glycation end product intake as a potential therapeutic tool in diabetic nephropathy. 2010-2012: \$466,125. Administering institution: Baker IDI.
- Crabb B, Gilson P, Leykauf K. Signalling during red blood cell invasion by *Plasmodium falciparum*. 2010-2012: \$344,750. Administering institution: Burnet Institute.
- Currie B, Cheng A, Giffard P, Mayo M, Spratt B. Diversity and virulence determinants among 100 clinical and environmental isolates of *Burkholderia pseudomallei*. 2010-2012: \$499,500. Administering institution: Menzies School of Health Research.
- Danta M, Matthews GV, Hellard M, Sasadeusz J, Prestage GP. Defining sexual transmission of hepatitis C among gay men. 2009-2011: \$380,050. Administering institution: University of New South Wales.
- de Courten B, Forbes J, Walker K, de Courten M. Will a reduction in dietary AGEs improve insulin sensitivity and secretion in overweight individuals? 2010-2011: \$234,700. 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.
- Denton K, Head G, Widdop R. Interaction between estrogen and the renin-angiotensin system in the regulation of arterial pressure. 2008-2010: \$612,750. Administering institution: Monash University.
- Dharmage S, Walters E, Abramson AJ, Thomas P, Erbas B, Matheson M. What increases the reactivity of airways in middle-age? 2009-2011: \$585,313. Administering institution: University of Melbourne.
- Dietze P, Aitken C, Jolley D, Hickman M, Kerr T, Stoové M. The natural history of injecting drug use among IDU in Melbourne. 2009-2013: \$739,698. Administering institution: Monash University.
- Ding C, Jones G, Cicuttini F, Winzenberg TM, Wluka AE, Quinn S. Does vitamin D supplementation prevent progression of knee osteoarthritis? A randomised controlled trial. 2010-2012: \$980,188. Administering institution: University of Tasmania.

- Drummer HE, Pountourios P. Role of the hepatitis C virus glycoprotein E2 variable regions in viral entry and antibody mediated neutralization. 2009-2011: \$521,250. Administering institution: Burnet Institute.
- Drummer H, Pountourios P, Coulibaly F. Structure and function of the HCV glycoproteins. 2010-2012: \$577,500. 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.
- Eades S, Sanson-Fisher R, Paul C, Zimmet P, Carey M, Wenitong M. A cluster randomised trial to test a systems based collaborative for Type 2 diabetes among Indigenous Australians. 2010-2014: \$1,311,000. 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.
- Emery S, Hoy JA, Pett SL, Roth NL, Wright E. Strategic Timing of AntiRetroviral Treatment (START). 2009-2010: \$405,400. Administering institution: University of New South Wales.
- Enticott PG. Examining the brain basis of social cognitive impairment in autism spectrum disorders. 2009-2011: \$144,500. Administering institution: Monash University.
- Erbas B, Abramson M, Tang MLK, Allen KJ, Newbigin EJ, Dharmage SC. Outdoor aeroallergen exposure and asthma exacerbations. 2009-2011: \$454,550. Administering institution: La Trobe University.
- Evans R, Bertram J, Schlaich M, Gardiner B, Smith D, Phillips J. Hypoxia is the common pathway to renal failure. 2010-2012: \$478,125. Administering institution: Monash University.
- Fairlie D, Young P, Tachedjian G. Investigating a novel generic approach to anti-infective agents. 2008-2010: \$611,250. Administering institution: University of Queensland.
- Farhall J, Castle D, Copolov D, Hayes S, Sawyer F, Thomas N. Acceptance and commitment therapy for medication-resistant psychosis: a randomised controlled trial. 2008-2010: \$527,000. Administering institution: La Trobe University.
- Febbraio M, Hevener A. Activation of HSP70: a therapeutic target to treat obesity-induced insulin resistance. 2008-2010: \$449,250. Administering institution: Baker IDI.
- 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, Lancaster G, Sadler A, Williams B. A novel lipid sensitive kinase and its role in obesity-induced inflammation and insulin resistance. 2010-2012: \$540,075. 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.
- Fletcher EL, Wilkinson-Berka JL, Allen AM. Glial cells and retinal disease. 2009-2011: \$299,250. Administering institution: University of Melbourne.
- 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.
- Fritschi L, Heyworth JS, Saunders C, McCaul K, Glass DC, Erren TC. Does shift work cause breast cancer? 2009-2011: \$776,975. Administering institution: University of Western Australia.
- Gao XM. Macrophage migration inhibitory factor (MIF): pathological and therapeutic significance in post-infarct inflammation. 2008-2010: \$525,500. Administering institution: Baker IDI.
- Gardiner EE, Andrews RK. Regulation of platelet surface proteins. 2009-2011: \$531,500. Administering institution: Monash University.
- Gardiner EE, Andrews RK. Platelet receptor regulation in autoimmune disease. 2010-2012: \$489,500. Administering institution: Monash University.
- Gerondakis S. The transcription factors c-Rel and RelA serve distinct roles in the development and function of CD4 Regulatory T cells. 2009-2011: \$484,200. 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.
- Giles G, Severi G, Bolton D, Millar J, Sim M, Benke G. A case control study of risk factors for aggressive prostate cancer. 2010-2014: \$1,508,475. Administering institution: Cancer Council Victoria.
- 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 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. Multiple vector vaccine for hepatitis C virus. 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.
- Greenwood K, Xue C, Zheng Z, Martin P, Helme R, Gibson SJ. Combined electroacupuncture and cognitive behavioural therapy for tension-type headache: a randomised controlled trial. 2009-2011: \$292,025. Administering institution: RMIT University.
- 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.

- Gregorevic P, Larsson L, Haviv I. Dissecting microRNA dysregulation as a mechanism underlying muscle wasting. 2010-2012: \$496,125. Administering institution: Baker IDI.
- Gugasyan R, Berzins S. NF κ B1 is a novel regulator of CD8+ T cell development and memory cell generation. 2010-2012: \$422,400. 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.
- Hannan R, Woodcock E, Thomas W. Regulation of cardiac hypertrophy at level of ribosome biogenesis. 2008-2010: \$609,000. Administering institution: University of Melbourne.
- 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.
- 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 γ 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.
- Hopwood J, Meikle PJ, Fuller M, Brooks DA, Dean CJ. Newborn screening for genetic disease. 2009-2011: \$865,500. Administering institution: University of Adelaide.
- Hughan S, Nesbitt W. Investigation of Dok2 and Dok1 adapter proteins in the negative regulation of integrin α IIb β 3 platelet signalling. 2008-2010: \$437,615. Administering institution: Monash University.
- Iredell J, Webb S, Stanley K, Brown S, Nichol A, Bailey M. Bacteraemic load and survival in septic shock. 2010-2013: \$647,738. Administering institution: University of Sydney.
- Jackson D, Wright M, Ashman L. Tetraspanins serve as molecular facilitators to regulate platelet thrombus formation. 2010-2012: \$568,500. Administering institution: Burnet Institute.
- Jackson SP. Investigate novel functional roles for PI 3-kinases in platelets. 2008-2010: \$515,500. 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, Nesbitt WS. Examination of the mechanical effects of blood flow on clot formation. 2009-2011: \$488,750. Administering institution: Monash University.
- Jackson SP, Schoenwaelder S. Investigation of a new approach to regulate fibrin clot retraction and arterial thrombolysis. 2010-2012: \$465,560. Administering institution: Monash University.
- Jamieson L, Skilton M. Associations between periodontal disease and cardiovascular surrogate endpoints in an adult Indigenous population. 2010-2012: \$1,298,760. Administering institution: University of Adelaide.
- Jandeleit-Dahm K, Thomas M, Bierhaus A. Targeting the AGE/RAGE axis in diabetes associated atherosclerosis. 2010-2012: \$523,500. Administering institution: Baker IDI.
- Jaworowski A, Crowe SM. ITAM signalling proteins in chronic viral disease. 2009-2011: \$438,000. Administering institution: Burnet Institute.
- Karagiannis T. DNA binding ligands for Auger therapy and receptor imaging. 2009-2011: \$566,550. Administering institution: Baker IDI.
- 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.
- Kent SJ, Stambas J. Comparative effectiveness of vaccine-induced SIV-specific CD8 T cells. 2010-2012: \$588,750. Administering institution: University of Melbourne.
- Kett M, Thomas M, Moritz K. Salt and cardiovascular disease: does acute salt-sensitivity convey greater cardiovascular risk? 2008-2010: \$573,630. Administering institution: Monash University.
- Kile B, Jackson S, Roberts A. The molecular regulation of platelet life span. 2008-2010: \$531,440. Administering institution: Walter and Eliza Hall Institute.
- Kilpatrick TJ, Binder MD, McLean CA. Analysing how key molecules protect the nervous system in multiple sclerosis. 2009-2011: \$486,500. Administering institution: University of Melbourne.
- Kingwell B, de Courten B. Novel metabolic actions of HDL with therapeutic potential for Type 2 diabetes. 2010-2012: \$540,900. 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.

- Lambert E, Head G, Schlaich M, Straznicky N. Role of sympathetic nervous system in the development of early organ damage in obesity: an emerging target for therapy. 2010-2012: \$523,625. Administering institution: Baker IDI.
- Law R, Coughlin P. The regulation of fibrinolysis by alpha2-antiplasmin. 2009-2011: \$257,250. Administering institution: Monash University.
- Leach AJ, Chang AB, Cheng AC, McDonald M, Torzillo P, Brown N. Is long term weekly azithromycin use for bronchiectasis in Indigenous children associated with antibiotic use? 2009-2011: \$384,875. Administering institution: Menzies School of Health Research.
- Lewin SR, Cameron PU, Jaworowski A. Modulation of HIV-1 latency in primary CD4 T cells by chemokines and dendritic cells. 2008-2010: \$372,330. Administering institution: Monash University.
- Li H, Liu JP. Molecular targeting to telomerase and cancer cell immortality by a novel inhibitor. 2008-2010: \$428,085. 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.
- 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.
- Lynch G, Gregorevic P, Harrison CA. Enhancing growth signalling pathways to improve muscle growth and development in muscular dystrophy. 2009-2011: \$506,250. Administering institution: University of Melbourne.
- Mak J, Davenport M, Marquet R. Macrophages drives the diversity of HIV. 2010-2012: \$631,188. Administering institution: Burnet Institute.
- Mak J, Hijnen M. Biochemical and structural analysis of virus-host interactions during HIV-1 assembly. 2009-2011: \$324,250. Administering institution: Burnet Institute.
- 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.
- 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.
- McAllen R, Farrell M, Lambert G. Functional mapping of autonomic control circuits in the human brain. 2008-2010: \$280,000. Administering institution: University of Melbourne.
- McLachlan A, Naganathan V, Le Couteur D, Hilmer S, Gibson SJ. Optimising pain management in frail older people. 2009-2011: \$393,750. Administering institution: University of Sydney.
- McMullen J, Lin RCY. Targeting PI3K regulated microRNAs to treat heart failure. 2010-2012: \$514,125. Administering institution: Baker IDI.
- 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.
- 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. To understand the role of the plasminogen activating and matrix metalloproteinase systems in traumatic brain injury. 2010-2012: \$481,500. Administering institution: Monash University.
- Medcalf R, Bottomley S, Samson A. To investigate how the aggregation of proteins during neuronal injury promotes neurotoxic plasmin formation. 2010-2012: \$565,500. Administering institution: Monash University.
- Medcalf R, Lawrence D. To determine the means by which plasminogen activators modulate integrity of the blood brain barrier. 2010-2012: \$504,500. 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.
- Mitchell C, McLean C. Role of the inositol polyphosphate 4-phosphatase type 2 in human breast cancer. 2010-2012: \$589,500. Administering institution: Monash University.
- Molenaar P, Du X-J. Molecular attributes and physiological significance of beta1L-adrenoreceptors. 2008-2010: \$724,188. Administering institution: University of Queensland.
- Molero-Navajas JC, Konstantopoulos N, Jowett JB, Segal DH. Stratification of insulin resistance. 2009-2011: \$329,250. Administering institution: Deakin University.
- Moore D, Dietze P, Bammer G, Perez P. Understanding the barriers to improved access, engagement and retention of methamphetamine users in health services. 2008-2010: \$783,756. Administering institution: Curtin University of Technology.
- 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.
- 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.
- Oldenburg B, Courtney M, Friedman R, Wootton R, Ash S. Using conversational computer technology to improve diabetes management: a randomised controlled trial. 2007-2010: \$604,464. Administering institution: Monash University.

- Perkovic V, Hillis G, Thomas M, Lowe G. Utility of novel biomarkers in the prediction of major complications of Type II Diabetes Mellitus. 2010-2012: \$494,563. Administering institution: University of Sydney.
- Peter K. CD40L/Mac-1 as therapeutic target in inflammatory diseases in particular atherosclerosis. 2010-2012: \$539,500. Administering institution: Baker IDI.
- Peter K. Platelet-activating and proinflammatory effects of proteins secreted by *Staphylococcus aureus*. 2009-2011: \$496,000. 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.
- Pitman L, Paul CL, Gibberd R, Shaw JE. RCT of continuing medical education and feedback to altering diabetes population outcomes. 2009-2013: \$900,825. Administering institution: Monash University.
- Plebanski M, O'Hehir R, Hardy C, Rolland J. Inhibition of allergic airway inflammation by nanoparticles. 2008-2010: \$529,020. Administering institution: Monash University.
- Ponsford J, O'Donnell M, Lee N. Motivational interviewing with cognitive behavioural therapy for anxiety and depression following traumatic brain injury. 2010-2012: \$442,825. 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.
- Poumbourios 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 D. The role of fatty acid metabolism in renin secretion. 2010-2012: \$561,500. Administering institution: Burnet Institute.
- Power D. Waste control in kidney disease. 2009-2011: \$438,000. Administering institution: Burnet Institute.
- Ramsland PA, Wines BD. Bacterial evasion of IgA immunity. 2009-2011: \$462,750. Administering institution: Burnet Institute.
- Reeder J, Barry A. Population genomics of *Plasmodium falciparum* surface antigen genes. 2008-2010: \$383,072. Administering institution: Burnet Institute.
- Rice G, Lappas M, Permezel M. Molecular mechanisms regulating spontaneous onset of human labour. 2009-2010: \$426,600. Administering institution: Baker IDI.
- Rice G, Tong S, Georgiou H. First trimester aetiology of obstetric diseases. \$461,625: 2008-2010. Administering institution: University of Melbourne.
- Ritchie R, Horowitz JD. Novel cGMP-based therapies prevent left ventricular remodelling. 2008-2010: \$512,025. 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.
- Rogerson S, Jaworowski A, Kain K. Phagocytic clearance and immune activation in malaria. 2010-2012: \$544,500. Administering institution: University of Melbourne.
- Salmon JL, Hume C, Hesketh K, Dunstan D, Daly R, Cerin E. An intervention to reduce sedentary behaviour, promote physical activity and improve children's health. 2009-2013: \$815,025. Administering institution: Deakin University.
- Sambrook P, Little D, March L, Buchbinder R. A randomised controlled trial to evaluate the effectiveness of zoledronate therapy in osteonecrosis of the hip. 2010-2014: \$511,425. Administering institution: University of Sydney.
- Schlauch 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.
- Schlauch M, Lambert G. Sympathetic nervous system inhibition for the treatment of diabetic nephropathy. 2010-2012: \$439,125. Administering institution: Baker IDI.
- Schmidt H, Morganti-Kossmann C, Winkler K, Armitage M. Role and mechanism of NADPH oxidase in ischemic stroke and neurotrauma. 2010-2012: \$560,250. Administering institution: Monash University.
- Schoenwaelder SM, Salem HH. Investigation of new approaches to dissolve blood clots. 2009-2011: \$479,375. Administering institution: Monash University.
- Scott AM, Ramsland PA, Ravetch JV. Using the immune system to treat cancers. 2009-2011: \$543,500. Administering institution: La Trobe University.
- Slattery R, Miller J. The role of MHC class I expression on pancreatic ductal lineage cells in the pathogenesis of Type 1 diabetes. 2010-2012: \$467,200. Administering institution: Monash University.
- Smyth IM, Sviridov D, Kile BT. How the ABCA12 protein transporter controls lipid levels and affects the biology of the skin and cardiovascular system. 2009-2011: \$496,250. Administering institution: Monash University.
- Srikanth V, Blizzard L, Thrift A, Phan T, Muench G, Robinson S. A population-based cohort study of brain ageing – rates of brain structural change, functional effects, and mechanisms. 2008-2012: \$1,256,600. Administering institution: Monash University.
- Stewart AG, Medcalf RL, Banwell MG, Hughes RA. New treatments for cancer. 2009-2011: \$355,750. Administering institution: University of Melbourne.

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.

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.

Sviridov D, Bukrinsky M. Atherosclerosis and HIV. 2009-2011: \$349,500. Administering institution: Baker IDI.

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.

Tachedjian G, Harrigan R, Sluis-Cremer N, Sonza S. Silent mutations in the HIV-1 reverse transcriptase selected during antiretroviral therapy. 2010-2012: \$535,500. Administering institution: Burnet Institute.

Tang MLK, Samuel CS, Royce SG, Giraud AS, Wilson JW, Schulz H. Lung function genes in asthma. 2009-2011: \$559,500. Administering institution: Murdoch Childrens Research Institute.

Taylor DA, Knott JK, Castle D, Kong D. Droperidol and olanzapine as adjuncts to midazolam for the acutely agitated patient: a randomised clinical trial. 2010-2011: \$186,247. Administering institution: University of Melbourne.

Tesch G, Nikolic-Paterson D, Febbraio M. Therapeutic targetting of MIF in Type 2 diabetes. 2008-2010: \$498,750. Administering institution: Prince Henry's Institute for Medical Research.

Thien F, Thompson B, Robinson P, Harris B, Cowin G. Ventilation heterogeneity and airway remodelling in asthma. 2010-2012: \$504,750. Administering institution: Monash University.

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.

Thompson B, Kotsimbos T, Snell G. Why does peripheral airway dysfunction lead to bronchiolitis obliterans syndrome in lung transplantation? 2008-2011: \$248,250. Administering institution: The Alfred.

Thrift A, Cadilhac D, Nelson M, Srikanth V, Bladin C, Gerraty R. Shared Team Approach between Nurses and Doctors For Improved Risk factor Management (STAND FIRM). 2010-2012: \$1,688,750. Administering institution: Baker IDI.

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.

Turrell G, Oldenburg B, Giler-Corti W, Burton N, Giskes K, Haynes M, Brown W. A longitudinal multilevel study of change in physical activity in mid-age and factors associated with change. 2008-2011: \$705,000. Administering institution: Queensland University of Technology.

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.

Weickert TW, Weickert CS, Schofield PR, Kulkarni J, Carr VJ. Cognitive enhancement in schizophrenia via selective oestrogen receptor modulator. 2009-2011: \$381,150. Administering institution: University of New South Wales.

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.

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

Williams D, Silburn P, Rowe C, Cook M, Kinsella G, Bittar R. Finding the optimum target and predictors of outcome in deep brain stimulation of older patients with Parkinson's disease. 2010-2012: \$496,150. Administering institution: Monash University.

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

Wong TY, Shaw JE, Cheung ND, Kawasaki R, McGeechan K, Lee ML. Novel retinal architectural vascular signs and risk of cardiovascular disease: the AusDiab Study. 2010-2012: \$727,375. Administering institution: Centre for Eye Research Australia.

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

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

Xue CC, Thien F, Story DF. A clinical trial on acupuncture for hay fever. 2009-2011: \$169,725. Administering institution: RMIT University.

Xue C, Zheng Z, Gibson SJ, Helme RD. Electroacupuncture on opioid consumption by patients with chronic musculoskeletal pain: a randomised controlled trial. 2009-2011: \$353,650. Administering institution: RMIT University.

Australia Fellowships

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

Jackson S. 2010-2014. Administering institution: Monash University.

Research Fellowships

Allen T. 2008-2012. Administering institution: Baker IDI.

Anderson D. 2007-2011. Administering institution: Burnet Institute.

Andrews R. 2004-2010. Administering institution: Monash University.

Bobik A. 2006-2011. Administering institution: Baker IDI.

Chin-Dusting J. 2006-2011. Administering institution: Baker IDI.

Crowe S. 2008-2012. Administering institution: Burnet Institute.

Dart A. 2010-2014. Administering institution: Baker IDI.

Davis S. 2008-2012. Administering institution: Monash University.

Dixon J. 2010-2014. Administering institution: Baker IDI.

Du X-J. 2005-2010. Administering institution: Baker IDI.

El-Osta A. 2009-2013. Administering institution: Baker IDI.
 Esler M. 2010-2014. Administering institution: Baker IDI.
 Febbraio MA. 2007-2011. Administering institution: Baker IDI.
 Gerondakis S. 2006-2010. Administering institution: Burnet Institute.
 Gowans E. 2009-2013. Administering institution: Burnet Institute.
 Head G. 2006-2010. Administering institution: Baker IDI.
 Hellard M. 2009-2013. Administering institution: Burnet Institute.
 Hibbs M. 2010-2014. Administering institution: Monash University.
 Hogarth M. 2007-2011. Administering institution: Burnet Institute.
 Jackson D. 2009-2013. Administering institution: Burnet Institute.
 Jandeleit-Dahm K. 2009-2013. Administering institution: Baker IDI.
 Kaye D. 2008-2012. Administering institution: Baker IDI.
 Kent S. 2008-2012. Administering institution: University of Melbourne.
 Kingwell B. 2009-2013. Administering institution: Baker IDI.
 Lambert G. 2007-2011. Administering institution: Baker IDI.
 Little P. 2006-2010. Administering institution: Baker IDI.
 Mackay F. 2007-2011. Administering institution: Monash University.
 McMullen J. 2010-2014. Administering institution: Baker IDI. Honorary.
 Medcalf RL. 2008-2012. Administering institution: Monash University.
 Meikle P. 2008-2012. Administering institution: Baker IDI.
 Peter K. 2010-2014. Administering institution: Baker IDI. Honorary.
 Plebanski M. 2008-2012. Administering institution: Monash University.
 Reeder J. 2009-2013. Administering institution: Burnet Institute.
 Reid C. 2008-2012. Administering institution: Monash University.
 Ritchie R. 2008-2012. Administering institution: Baker IDI.
 Schlaich M. 2010-2014. Administering institution: Baker IDI.
 Shaw J. 2010-2014. Administering institution: Baker IDI.
 Stewart S. 2008-2012. Administering institution: Baker IDI.
 Sviridov D. 2010-2014. Administering institution: Baker IDI.
 Tachedijan G. 2009-2013. Administering institution: Burnet Institute.
 Thomas M. 2010-2014. Administering institution: Baker IDI.
 Thrift A. 2007-2011. Administering institution: Baker IDI.
 Wilkinson-Berka J. 2006-2010. Administering institution: Monash University.
 Woodcock E. 2010-2014. Administering institution: Baker IDI.

Practitioner Fellowships

Buchbinder R. 2010-2014. Administering institution: Monash University.
 Cameron P. 2009-2013. Administering institution: Monash University.
 Cooper DJ. 2007-2011. Administering institution: Monash University.
 Fitzgerald P. 2010-2014. Administering institution: Monash University.
 Lewin SR. 2008-2012. Administering institution: The Alfred.
 Myles P. 2007-2011. Administering institution: Monash University.

Industry Fellowship

Ffrench R. 2007-2010. Administering institution: Burnet Institute.

Career Development Awards

Benke G. 2007-2011. Administering institution: Monash University.
 Bruce C. 2010-2013. Administering institution: Baker IDI.
 Cherry C. 2009-2012. Administering institution: Burnet Institute.
 de Courten B. 2006-2011. Administering institution: Baker IDI.
 Dietze P. 2006-2010. Administering institution: Monash University.
 Drummer H. 2007-2011. Administering institution: Burnet Institute.
 Forbes J. 2010-2013. Administering institution: Baker IDI.
 Gabbe B. 2007-2011. Administering institution: Monash University.
 Gicquel C. 2008-2011. Administering institution: Baker IDI.
 Gorry P. 2009-2012. Administering institution: Burnet Institute.
 Gruen R. 2008-2011. Administering institution: Monash University.
 Hagemeyer C. 2008-2011. Administering institution: Baker IDI.
 Hughan S. 2009-2012. Administering institution: Monash University.
 Jowett J. 2010-2013. Administering institution: Baker IDI.
 Lambert EA. 2006-2010. Administering institution: Baker IDI.
 Ramsland PA. 2006-2010. Administering institution: Burnet Institute.
 Wluka A. 2009-2012. Administering institution: Monash University.

Training (Postdoctoral) Fellowships

Abbott A. 2008-2011. Administering institution: Baker IDI.
 Ahimastos A. 2007-2011. Administering institution: Monash University.
 Audsley J. 2009-2013. Administering institution: Monash University.
 Bradshaw C. 2007-2010. Administering institution: Monash University.
 Carrington M. 2008-2011. Administering institution: Baker IDI.
 Chang J. 2008-2013. Administering institution: Monash University.
 Cheng A. 2006-2010. Administering institution: Monash University.
 Cox H. 2007-2010. Administering institution: Burnet Institute.
 Davison S. 2007-2010. Administering institution: Monash University.
 Drew B. 2009-2012. Administering institution: Baker IDI.
 Driscoll A. 2009-2012. Administering institution: Monash University.
 Enticott P. 2009-2012. Administering institution: Monash University.
 Evans SM. 2008-2011. Administering institution: Monash University.
 Fletcher A. 2009-2012. Administering institution: Monash University.
 Fredericks B. 2007-2010. Administering institution: Monash University.
 Giles M. 2009-2012. Administering institution: The Alfred.
 Gray L. 2010-2013. Administering institution: Monash University.
 Gurvich C. 2009-2012. Administering institution: Monash University.
 Fu Y. 2010-2011. Administering institution: Baker IDI.
 Hanna F. 2007-2011. Administering institution: Baker IDI.
 Hoy K. 2009-2012. Administering institution: Monash University.
 Inglis S. 2008-2010. Administering institution: Baker IDI.
 Joyce C. 2006-2010. Administering institution: Monash University.
 Kammoun H. 2010-2011. Administering institution: Baker IDI.
 Keegel T. 2009-2012. Administering institution: Monash University.
 Kinner S. 2006-2010. Administering institution: Burnet Institute.
 Lim M. 2009-2012. Administering institution: Burnet Institute.
 Lynch B. 2010-2013. Administering institution: Baker IDI.
 McNamara B. 2010-2013. Administering institution: Baker IDI.
 McKenzie D. 2009-2012. Administering institution: Monash University.
 Medley TL. 2005-2010. Administering institution: Baker IDI.
 Mifsud N. 2007-2010. Administering institution: Monash University.
 Ngo T. 2008-2010. Administering institution: Monash University.
 O'Connor D. 2010-2013. Administering institution: Monash University.
 Peleg AY. 2010-2013. Administering institution: Monash University.
 Skilton M. 2007-2010. Administering institution: Baker IDI.
 Smith MZ. 2008-2013. Administering institution: Monash University.
 Stratov I. 2007-2010. Administering institution: Burnet Institute.
 Thompson K. 2007-2011. Administering institution: The Alfred.
 Tonna S. 2009-2010. Administering institution: Baker IDI.
 Wang Y. 2007-2010. Administering institution: Monash University.
 Watson A. 2008-2012. Administering institution: Baker IDI.
 White A. 2008-2010. Administering institution: Baker IDI.
 Wong C. 2008-2011. Administering institution: Baker IDI.
 Zatta A. 2010-2013. Administering institution: Monash University.

Other Australian Grants

ANZ Trustees – Mason and Williams Memorial Foundation Research Grants

Davis S, Bell R. Does transdermal testosterone therapy significantly improve cognitive performance in postmenopausal women? A randomised placebo controlled trial over 26 weeks. 2009-2010: \$70,000. Administering institution: Monash University.

Arthritis Australia – Fellowships

Urquhart DM. Social determinants of joint replacement in Australia: implications for potential health inequality. 2010. Administering institution: Monash University.

AusAID – Australian Leadership Award Fellowship

Holmes W. 2010. Administering institution: Burnet institute.

AusAID – Bilateral Program Grants

Morgan C. China-Australia health facility. 2007-2012: \$38,744,289. Administering institution: Burnet Institute.

Morgan C. Tibet health sector support project. 2004-2010: \$1,331,750. Administering institution: Burnet Institute.

Toole M. Tingim Laip project, Papua New Guinea. 2007-2010: \$10,000,000. Administering institution: Burnet Institute.

AusAID – Development Research Awards

Power R. Investigating the role of drug and alcohol use in the spread of HIV and other STIs in the Pacific. 2007-2010: \$151,277. Administering institution: Burnet Institute.

Toole M. Modelling sexual and social networks of urban men who have sex with men and women in Vietnam and the Lao PDR. 2008-2010: \$515,589. Administering institution: Burnet Institute.

AusAID – NGO Cooperation Program Innovations Fund

Whitney R. Health across African Borders: improving the health of women and children along the Mozambique-Zimbabwe border. 2010-2011: \$150,000. Administering institution: Burnet Institute.

AusAID – NGO Project Grants

Drenkhan G, Asproloupos D. Cyclone Nargis relief – local resource centre for community based responses, Myanmar (Burma). 2008-2010: \$1,613,652. Administering institution: Burnet Institute.

Holmes W. Women's and Children's Health Knowledge Hub. 2008-2011: \$5,059,161. 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; HAARP. 2007-2015: \$3,451,850. Administering institution: Burnet Institute.

Whitney R. Australian partnerships with African communities. 2005-2010: \$3,217,891. 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. 2001-2010: \$2,424,597. Administering institution: Burnet Institute.

Australia and New Zealand Burns Association – Project Grant

Cameron P, Gabbe B, Cleland H, Edgar D. National burns registry upgrade. 2008-2010: \$132,050. Administering institution: Monash University.

Australian and New Zealand College of Anaesthetists – Research Grant

Myles P, Leslie K, Chan M. ENIGMA-II trial long-term follow-up study. 2010-2012: \$180,000. Administering institution: The Alfred.

Australian and New Zealand College of Anaesthetists – Douglas Joseph Professorship

Myles P. Perioperative epidural analgesia for major abdominal surgery and incidence of late cancer recurrence. 2010. Administering institution: The Alfred.

Australian Centre for HIV and Hepatitis Virology – Project Grant

Elliott J, Cameron P, Peter K, Lewin S, Hoy J. Investigation of biological mechanisms linking abacavir use and cardiovascular disease using mRNA profiling. 2010-2011: \$135,000. Administering institution: Monash University.

Australian Diabetes Society – Early Career Fellowship

Coughlan M. Targeting mitochondrial permeability transition in diabetic nephropathy. 2010. Administering institution: Baker IDI.

Australian Government National Water Commission – Research Fellowship

O'Toole J. Water recycling: identifying data gaps and refining estimates of pathogen health risks. 2010-2011. Administering institution: Monash University.

Australian Research Council – Discovery Grants

Forde GM, Plebanski M. Biodegradable immuno-therapeutic nanoparticles. 2009-2011: \$420,000. Administering institution: Monash University.

Jackson SP, Nestbitt WS, Fouras A. Development of model systems to investigate blood hydrodynamic parameters affecting blood cell function: an interdisciplinary approach. 2009-2011: \$300,000. Administering institution: Monash University.

Komesaroff PA, Castle D, Blood WR, Thomas SL, Hyde J. Being 'fat' in today's world: a socio-cultural investigation of overweight and obesity. 2008-2010: \$411,189. Administering institution: Monash University.

Meeusen EN, O'Hehir R. Molecular determinants of an allergic response. 2009-2011: \$370,000. Administering institution: Monash University.

Pattison PE, Robins GL, McBryde E, Hellard M. The structure and dynamics of social contact for human disease transmission models. 2009-2012: \$550,000. Administering institution: University of Melbourne.

Australian Research Council – Future Fellowships

Dietze P. 2010-2014. Administering institution: Burnet Institute.
Dunstan D. 2010-2014. Administering institution: Baker IDI.
Gavin AL. 2009-2013. Administering institution: Burnet Institute.
Mak J. 2010-2014. Administering institution: Burnet Institute.
McMullen J. 2009-2013. Administering institution: Baker IDI.
Peter K. 2009-2013. Administering institution: Baker IDI.

Australian Research Council – Linkage Grants

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.

Oldenburg BF, Lin V, Joyce C, Eagar K, Dugdale P, Segal L, Mutch AJ, Hartz Karp JF, Gericke CA, Tennant MJ, O'Donoghue R, Panter D. Citizen engagement: listening to citizen's view about Australia's health system and prevention. 2009-2011: \$250,000. Administering institution: Monash University.

Peeters A, de Courten M, Bilsborough SA. Global corporate challenge evaluation - evaluation of a low-cost, low-impact physical-activity workplace intervention. 2009-2011: \$113,000. Administering institution: Monash University

Australia Stem Cell Centre – Program Grant

Elliott D, Kaye D, Pouton C, Elefanta A. Stem cell derived cardiomyocytes: tools for investigating cardiac disease. 2010-2011: \$820,000. Administering institution: Monash University.

beyondblue Victorian Centre of Excellence in Depression and Related Disorders – Research Grant

O'Donnell M, Creamer M, Bryant R, Ellen S, Holmes A, Kossman T, Judson R. Telephone-administered early psychological intervention for depression and anxiety following serious injury. 2009-2011: \$300,000. Administering institution: Australian Centre for Posttraumatic Mental Health.

BUPA Health Foundation (formerly MBF Foundation) – Project Grants

Davis S, Bell R. Health and wellbeing after breast cancer study. 2008-2010: \$510,000. Monash University.

Davis SR, Bell RJ. Metformin for the management of insulin resistance in overweight women at midlife. 2010-2011: \$158,611. Administering institution: Monash University

Cancer Australia – Priority-driven Collaborative Cancer Research Scheme Grant

Millar J, Davis I, Bolton D, Giles G, Costello T, McNeil J, Evans S. Pilot of a population-based prostate cancer clinical registry. 2010-2013: \$592,875. Administering institution: Monash University.

Cancer Council Victoria – Grants-in-Aid

Liu JP. Investigating the control mechanisms of telomere maintenance in cancer: a new interaction between telomerase and GAPDH. 2009-2011: \$300,000. Administering institution: Monash University.

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

Wright MD. The role of tetraspanin in cellular immunity. 2009-2011: \$294,800. Administering institution: Monash University.

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. 2007-2010. Administering institution: Baker IDI.

CASS Foundation – Science and Medicine Grants

Febbraio M. Modified IC7 for the prevention and treatment of obesity. 2010: \$48,000. Administering institution: Baker IDI.

O'Hehir R, Rolland J, Mackay F, Hardy C. Follistatin therapy for cystic fibrosis and other lung inflammatory disorders. 2010: \$52,500. Administering institution: Monash University.

O'Keefe M. Dendritic cell populations of human bone marrow. 2010: \$25,000. Administering institution: Burnet Institute.

Williams DR. Establishing the role of serotonergic neurons in dyskinesias in Parkinson's disease. 2010: \$40,000. Administering institution: Monash University.

CSIRO – Flagship Cluster

McNeil J, Burgess A, Masters C, Nelson M. ASPREE Healthy Ageing Biobank. 2010-2012: \$2,442,000. Administering institution: Monash University

Department of Health and Ageing (Federal Government)

Brand C. Defining and benchmarking clinically appropriate exceptions to the Emergency Department Four Hour National Access Target. 2010: \$56,471. Administering institution: Monash University.

Dietze P. Illicit Drug Reporting System (IDRS). 2010: \$64,844. Administering institution: University of New South Wales.

Gruen R. Australian Satellite of Cochrane Effective Practice and Organisation of Care (EPOC) Group. 2009-2012: \$180,000. Administering institution: Monash University.

Hellard M. Ecstasy and Related Drug Reporting System (EDRS). 2010: \$63,678. Administering institution: University of New South Wales.

Hellard M, Donovan B, Guy R, Kaldor J, Sullivan E, Dimech W. Australian Collaboration for Chlamydia Enhanced Sentinel Surveillance (ACCESS). 2007-2010: \$1,283,843. Administering institution: Burnet Institute.

Kulkarni J, Lee S, de Castella A, Fitzgerald P. Collaborative care models for adults with severe and persistent mental illness. 2010: \$82,193. Administering institution: The Alfred.

Sim M, Blackman J, Kelsall H. Sequelae of psychiatric conditions and multisymptom illness. 2009-2011: \$1,223,463. Administering institution: Monash University.

Department of Human Services (Victorian Government)

Dooley MJ, Nation RL. An evaluation of medication-related decision support provided in the Multum prescribing software system. 2010: \$54,500. Administering institution: Monash University.

Hellard M, Guy R. Renewal of HIV surveillance in Victoria. 2006-2010: \$964,918. Administering institution: Burnet Institute.

Myles P. Enhanced Recovery After Surgery (ERAS). 2010: \$158,000. Administering institution: The Alfred.

Stoové M, Hellard M, Pedrana A, Gold J, Nguyen P, Ata N. FaceSpace: using social networking to promote safer sex to higher risk groups. 2009-2010: \$161,700. Administering institution: Burnet Institute.

Department of Innovation, Industry, Science and Research (Victorian Government) – International Science Linkages Competitive Grant

Hagemeyer C, Peter K. Novel antibody-targeted nanoparticles for magnetic resonance imaging of atherosclerosis. 2009-2011: \$392,673. Administering institution: Baker IDI.

Diabetes Australia Research Trust – Type 1 Millennium Award

El-Osta A, Haviv I, Tothill R, Balcerzyk A, Okabe J, Brasacchio D, Kowalczyk A, Cooper M, Zimmet P, Shaw J, Brownlee M. Mapping of human hyperglycemia induced memory in Type 1 diabetes. 2009-2010: \$150,000. Administering institution: Baker IDI.

Diabetes Australia Research Trust – Type 2 Millennium Award

Febbraio M, James D, Haviv I, Gregorevic P, LeBrasseur N, Kemp B. Identification of novel myokines as potential therapeutic targets for Type 2 diabetes. 2009-2010: \$150,000. Administering institution: Baker IDI.

Dairy 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.

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. 2007-2010: \$400,000. Administering institution: The Alfred.

Juvenile Diabetes Research Foundation (Australia) – Research Grant

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. 2008-2010: \$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

Du XJ, Zhang Y. Chronic b-AR stimulation activates NADPH oxidase/p-38 MAPK signal pathway in heart failure. 2010-2011: \$129,000. Administering institution: Baker IDI.

El-Osta A, Thomas M, Tikellis C. Understanding glucose induced gene regulatory events associated with hyperglycemic memory in endothelial cells. 2010-2011: \$129,000. Administering institution: Baker IDI.

Hagemeyer C. Novel single-chain antibody targeted virus particles for genetic transfer of fusion proteins to inhibit atherosclerosis. 2010-2011: \$129,000. Administering institution: Baker IDI.

Jandeleit-Dahm K, Allen T. The AT2 receptor in diabetes related vascular disease: pharmacological interventions and genetic knockout studies. 2009-2010: \$115,470. Administering institution: Baker IDI.

Jandeleit-Dahm K, Schmidt H, de Haan J, Winkler K. Nox isoforms in diabetic micro-and macrovascular complications. 2010-2011: \$129,000. Administering institution: Baker IDI.
Little P, Osman N. PDGF receptor tyrosine kinase activity in the regulation of proteoglycan synthesis in vascular smooth muscle. 2010-2011: \$126,250. Administering institution: Baker IDI.

Jowett J, Abraham L, Sviridov. Investigation of the mechanism of action of *Vanin-1*: a new gene related to HDL cholesterol and inflammation. 2009-2010: \$118,585. Administering institution: Baker IDI.

Mackay F. Rare CXCR7 mutations and cardiac development. 2009-2010: \$164,218. Administering institution: Monash University.

McMullen, Du X-J. Sex dimorphism in cardiac pathophysiology: interaction of PI3K with estrogen receptors. 2009-2010: \$129,000. Administering institution: Baker IDI.

Owen A, Reid C, McLennan P, Krum H. Is the Omega-3 index a useful marker for risk of heart disease in older Australians? 2009-2010: \$130,800. Administering institute: Monash University.

Woodcock E, Marasco S, McMullen J, Kistler P. Atrial fibrillation, substrates, triggers and targets. 2009-2010: \$123,300. Administering institution: Baker IDI.

National Heart Foundation of Australia – Overseas Research Fellowship

Calkin A. The role of the nuclear receptor NR4A receptors in inflammation, lipid metabolism and atherosclerosis. 2009-2012. Administering institution: Baker IDI.

National Heart Foundation of Australia – Postdoctoral Fellowships

Brown A. Outlining the burden and correlates of heart failure and vascular risk in Aboriginal people in central Australia: the Heart of the Heart Study. 2009-2011. Administering institution: Baker IDI.

Irvine J. Novel NO siblings inhibit myocardial remodelling in diabetes. 2010-2011. Administering institution: Baker IDI.

Ta H. Novel contrast nanoparticles for early diagnosis of vascular disease using magnetic resonance imaging, computed tomography and synchrotron-based imaging. 2010-2011. Administering institution: Baker IDI.

Venardos K. Mitochondrial L-arginine transport and its role in the pathogenesis of heart failure. 2010-2011. Administering institution: Baker IDI.

Pfizer – Cardiovascular Lipid Research Grants

lyngkaran P, Krum H, Cameron P. Utility of NGAL and renal biomarker panel in predicting renal impairment, further decompensation and rehospitalization in acutely decompensated and chronic heart failure patients: biomarker panel substudy. 2010: \$48,864. 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.

Royal Australasian College of Physicians – Collaborative Research Initiative Grant

Ierino F, Isbel 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.

Sylvia and Charles Viertel Charitable Foundation – Clinical Research Fellowship

Urquhart DM. Optimising therapeutic and prevention strategies for low back pain. 2010. Administering institution: Monash University.

Transport Accident Commission – Grants

Cameron P, Gabbe B, McNeil J. The operation and utilisation of the Victorian State Trauma Registry. 2009-2011: \$2,315,384. Administering institution: Monash University.

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. 2006-2010: \$846,688. Administering institution: Monash University.

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.

VicHealth – Fellowships

Dunstan D. 2006-2010. Administering institution: Baker IDI.
Loff B. 2006-2010. Administering institution: Monash University.

Victorian Cancer Agency – Translational Cancer Research Grant

McNeil J, Reid C, Burton R, Woods R. Building translational clinical research capacity in regional Victoria through ASPREE and the Healthy Ageing Biobank. 2010-2012: \$1,921,000. Administering institution: Monash University.

Victorian Cancer Agency – Research Grant

Spencer A. Epigenetics and cancer therapy. 2010-2012: \$512,280. Administering institution: The Alfred.

Victorian Neurotrauma Initiative – Neurotrauma Fellowships

Bye N. 2009-2011. Administering institution: The Alfred.
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.
Nichol A. 2009-2011. Administering institution: Monash University.
Yan E. 2009-2011. Administering institution: The Alfred.

Victorian Neurotrauma Initiative – Program Grants

Cooper DJ, Cameron P, Bernard S, Rosenfeld J, Nichol A. Early interventions to improve outcomes after traumatic brain injury. 2009-2012: \$2,100,000. Administering institution: Monash University.

Gruen R, Green S. Improving evidence-based care and the outcomes of patients with traumatic brain injury through a program to facilitate knowledge transfer and exchange. 2009-2010: \$4,399,539. Administering institution: Monash University.

Victorian Neurotrauma Initiative – Project Grants

Cooper DJ, Bellomo R, Bernard S. Multi-centre randomised controlled trials of early acute interventions (hypothermia, and erythropoietin) to improve outcomes after traumatic brain injury. 2010-2014: \$2,100,000. Administering institution: Monash University
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. 2007-2010: \$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.

Gruen R. Global evidence mapping initiative in traumatic brain injury and spinal cord injury. 2008-2010: \$943,825. Administering institution: Monash University.

Gruen R, Bragge P, Bayley M. Neurotrauma knowledge translation - an international collaboration. 2010: \$25,000. Administering institution: Monash 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.

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

Water Quality Research Australia and Smart Water Fund (Victoria Water Trust) – Research Grant

Sinclair M, Leder K, O'Toole J, Hamilton A, Halliwell D. Greywater use in the backyard: what are the health risks? 2010-2011: \$181,396. Administering institution: Monash University.

International Grants

Bill and Melinda Gates Foundation – Grand Challenges in Global Health

Gilson P. A novel virulence-associated malaria drug target. 2009-2010: US\$107,475. Administering institution: Burnet Institute.

Ford Foundation – Asset Building and Community Development Grant

Morgan A. Promoting men's involvement in ante natal care services, Indonesia. 2008-2010: US\$104,363. Administering institution: Burnet Institute.

Juvenile Diabetes Research Foundation International – Career Development Award

Tikellis C. ACE2 in the vascular complications of Type 1 diabetes. 2010-2014. Administering institution: Baker IDI.

Juvenile Diabetes Research Foundation International – Multi-project Grants

Cooper M. NOX isoforms in diabetic nephropathy. 2010-2013: US\$135,465. Administering institution: Baker IDI.

Jandeleit-Dahm K. NOX isoforms in diabetes-associated atherosclerosis. 2010-2013: US\$271,200. Administering institution: Baker IDI.

Juvenile Diabetes Research Foundation International – Project Grants

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

Cooper M. Targeting CDA1 to treat diabetic renal fibrosis. 2009-2011: US\$500,000. Administering institution: Baker IDI.

El-Osta A. Role of epigenetic persistence in diabetic vascular complications. 2008-2010: US\$453,750. Administering institution: Baker IDI.

El-Osta A. Suppression and reversal of diabetic complications mediated by hyperglycemia using epigenetic inhibitors. 2009-2010: US\$550,000. Administering institution: Baker IDI.

Forbes J. RAGE as a link between environmental and genetic susceptibility to Type 1 diabetes. 2010: US\$110,000. Administering institution: Baker IDI.

Forbes J. Synergistic methods for mitochondrial rescue in diabetic nephropathy. 2010-2011: US\$500,000. Administering institution: Baker IDI.

Leukaemia and Lymphoma Society (USA) – Specialized Center 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.

Levi Strauss Foundation – Strategic Grant

Fischer A. Capacity building for local responses to HIV/AIDS amongst injecting drug users in Indonesia. 2005-2010: US\$169,351. Administering institution: Burnet 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.

National Alliance for Research on Schizophrenia and Depression, USA – Young Investigator Award

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

National Institutes of Health (USA)

Bukrinsky M, Sviridov D. Mechanisms of virus-induced impairment in reverse cholesterol transport. 2009-2014: US\$340,970. Administering institution: George Washington 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.

Grimm R, McNeil J. Aspirin in Reducing Events in the Elderly (ASPREE). 2010-2015: US\$23,372,347. Administering institution: Monash University.

Mak J. Elucidating the interplay of protease substrate recognition and drug resistance. 2010-2011: \$191,268. Administering institution: Burnet Institute.

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

Meikle P, Blangero J, Zimmet P, Shaw Jo, Haviv I, Kowalczyk A, Jowett J. Metabolomic studies into the pathogenesis and risk assessment of Type 2 diabetes. 2010-2013: US\$929,809. Administering institution: Baker IDI.

Tachedjian G. Development of dendrimer and combination microbicides. 2008-2011: US\$218,393. Administering institution: Burnet Institute.

Wright E. International Network for Strategic Initiatives in Global HIV Trials (INSIGHT). 2010: US\$23,938. Administering institution: Monash University.

Wright E. START Neurology Substudy. 2010: US\$10,600. Administering institution: Monash University.

NIH Fogarty International Centre – Millennium Promise Award

Oldenburg B, Fisher E, Kadir K, Thankappan K. Building the Asian non-communicable disease research network for regional research capacity. 2010-2015: US\$1,178,773. Administering institution: Monash University.

Society for Progressive Supranuclear Palsy – Research Grant

Williams DR. Mapping progressive neurodegeneration in PSP using transcranial magnetic stimulation and CSF-TAU. 2008-2010: US\$60,000. Administering institution: Monash University.

Stanley Medical Research Institute (USA)

Kulkarni J, Rossell SL, Lee S, de Castella A, Fitzgerald P. Double blind, placebo controlled, randomized investigation of ondansetron in chronic residual schizophrenia. 2010-2013: US\$899,029. Administering institution: Monash University.

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

Fischer A. Reducing burden of CD morbidity/mortality in Myanmar. 2007-2010: \$2,993,460. Administering institution: Burnet Institute.

NHMRC Grants Commencing in 2011 Program Grant

Owen N, Bauman A, Wendy B. Sitting less and moving more: Population health research to understand and influence sedentary behaviour. 2011-2014: \$3,773,000. Administering institution: Baker IDI.

Stewart S, Thompson D, Abhayaratna W. Integration of risk evaluation in cardiovascular disease management programs. 2011-2013: \$2,898,607. Administering institution: Baker IDI.

Project Grants

Abramson M, Dharmage S, Benke G, Thompson B. Third Euro-Australian Respiratory Health Survey. \$343,028. Administering institution: Monash University.

Alderuccio F. Immune tolerance in experimental autoimmune encephalomyelitis following transplant of bone marrow cells genetically encoding autoantigen. \$327,524. Administering institution: Monash University.

Barker A, Brand C, Haines T, Hill K, Brauer S, Jolley D, Botti M. Falls prevention in the acute hospital setting: a multi-centre cluster randomised controlled trial of efficacy, cost effectiveness and sustainability of the 6-PACK program. \$1,179,850. Administering institution: Monash University.

Barry A, Reeder J, Tavul L. Var gene diversity and naturally acquired immunity to malaria. \$329,530. Administering institution: Burnet Institute.

Bernard S, Cameron P, Jacobs I, Smith K, Finn J. The RINSE Trial: the Rapid Infusion of Cold Normal Saline by paramedics during CPR. \$677,888. Administering institution: Monash University.

Brown A, Carrington M, Eades S, Thompson D, Zeitz C. The Central Australian Heart Protection Study: a randomised trial of nurse-led, family based secondary prevention of acute coronary syndromes. \$1,830,401. Administering institution: Baker IDI.

Bruce C, Febbraio M. The CDP ethanolamine pathway: a new player in obesity induced insulin resistance. \$566,706. Administering institution: Baker IDI.

Cooper M, Chai Z, Cao Z. Novel strategy to reduce renal fibrosis. \$558,390. Administering institution: Baker IDI.

Davis S, Bell R, Kulkanri J. Transdermal testosterone therapy: a potential treatment for selective serotonin reuptake inhibitor-associated sexual dysfunction in women. \$235,296. Administering institution: Monash University.

Du XJ. Beta-adrenergic activation: a double-edged sword on cardiac angiogenesis. \$352,524. Administering institution: Baker IDI.

Du XJ, Hewitson T, Samuel C. Relaxin therapy reverses large artery remodelling and stiffening in aged and hypertensive models. \$429,615. Administering institution: Baker IDI.

Dunstan D, Healy G, Owen N, Eakin E, LaMontagne A, Moodie M. Reducing prolonged workplace sitting time in office workers: a cluster-randomised controlled trial. \$506,996. Administering institution: Baker IDI.

Eades S, McNamara B, Stanley F, Pearson G, Langridge A. Intergenerational determinants of fetal growth in Aboriginal Western Australians. \$381,605. Administering institution: Baker IDI.

Esler M, Vaddadi G, Lambert E. Reducing the burden of orthostatic intolerance – delineating mechanisms and improving therapy. \$397,524. Administering institution: Baker IDI.

Febbraio M, Bruce C, McGee S. Activation of HSP72 in skeletal muscle as a therapeutic target for obesity. \$633,390. Administering institution: Baker IDI.

Febbraio M. An essential role for skeletal muscle FoxO1 in protecting against obesity-induced insulin resistance. \$573,390. Administering institution: Baker IDI.

Fitzgerald P, Barton D, Hoy K. A randomised controlled trial of magnetic seizure therapy in major depressive disorder. \$359,208. Administering institution: Monash University.

Forbes A, Gurrin L, Hodge A. Mediterranean diet and mortality: analysis of longitudinal dietary patterns using newly developed statistical methods. \$330,058. Administering institution: Monash University.

Gavin A. The role of NOD proteins in T cell development and function. \$337,524. Administering institution: Burnet Institute.

Gorry P, Churchill M, Lewin S. Elucidating the flexibility of co-receptor engagement by HIV-1 important for macrophage tropism and escape from entry inhibitors. \$613,194. Administering institution: Burnet Institute.

Gregorevic P, Harvey K. Investigating Hippo signalling as a novel cause of muscle disease, and as a target for new interventions to combat frailty. \$444,615. Administering institution: Baker IDI.

Head G, Allen A, Davern P. Importance of the brain renin-angiotensin system for regulating blood pressure and cardiovascular autonomic function. \$588,390. Administering institution: Baker IDI.

Hibbs M, Tarlinton D. Defining the cellular and molecular mechanisms underlying autoimmunity using a model of SLE. \$603,390. Administering institution: Monash University.

Hibbs M, Anderson G. Defining subpopulations of pathogenic macrophages underlying lung diseases. \$618,390. Administering institution: Monash University.

Hogarth P, Wines B, Powell M, Baker R. Structure and function of receptors for IgG (FcγR). \$655,074. Administering institution: Burnet Institute.

Jackson S, Hamilton J. Investigating the role of type II PI 3-kinases in platelet function. \$429,615. Administering institution: Monash University.

Jackson S, Nesbitt W. Investigating biomechanical platelet activation mechanisms. \$496,706. Administering institution: Monash University.

Jandeleit-Dahm K, Schmidt H, de Haan J, Winkler K. NOX isoforms in diabetes associated vascular injury: implications for therapeutic strategies. \$426,273. Administering institution: Baker IDI.

- Kinner S, Preen D, Lennox N, Butler T, Power R, Ober C, Ware R. Improving the health of Indigenous and non-Indigenous ex-prisoners: a multi-jurisdictional, mixed-methods study. \$1,386,769. Administering institution: Burnet Institute.
- Kulkarni J, Davis S, Gurvich C. Selective estrogen receptor modulators (SERMs) – a potential new treatment for women of child-bearing age with psychotic symptoms of schizophrenia. \$205,016. Administering institution: Monash University.
- Lee-Young R. Understanding the metabolic consequences of impaired AMPK α 2 and nNOS μ in skeletal muscle: implications for the metabolic syndrome. \$556,706. Administering institution: Baker IDI.
- Lewin S, Cameron P, Jaworowski A, Cunningham A. The role of chemokines in establishing HIV latency. \$359,208. Administering institution: Monash University.
- Lewin S, Churchill M, Wesselingh S. Histone deacetylase inhibitors and HIV latency. \$593,416. Administering institution: Monash University.
- Liu J-P. Studies of novel manganese transporter in lysosomes and its implications in Niemann-Pick type-C disease. \$506,706. Administering institution: Monash University.
- Mackay F, Hertzog P. The role of BAFF, its receptor TACI and toll-like receptors in autoimmunity and tolerance. \$470,022. Administering institution: Monash University.
- Magliano D, Shaw J, Huxley R, Balkau B, Davis W. The Australian and New Zealand Diabetes and Cancer Collaboration. \$398,591. Administering institution: Baker IDI.
- McMullen J. PI3K-regulated heat shock proteins and microRNAs as new treatment strategies for atrial fibrillation. \$534,615. Administering institution: Baker IDI.
- McMullen J. Manipulating cardiac-selective PI3K targets to reverse heart failure progression. \$514,615. Administering institution: Baker IDI.
- Myles P, Silbert B, Cooper DJ, McNeil J. Completion of the ATACAS trial. \$3,328,614. Administering institution: Monash University.
- O’Hehir R, Rolland J. Human CD4+ T cell epitope-based therapeutic for peanut allergy. \$389,208. Administering institution: Monash University.
- O’Keeffe M, Radford K, Banerjee A. Production of interferon lambda by dendritic cell subsets and role in adjuvant effects of poly I:C. \$383,028. Administering institution: Burnet Institute.
- Oldenburg B, Thankappan K, Tapp R, Zimmet P, Jolley D, Hollingsworth B, Fisher E. Kerala Diabetes Prevention Program (K-DPP): a cluster RCT of its effectiveness and cost-effectiveness. \$1,046,991. Administering institution: Monash University.
- Peter K, Bobik A. Preventing myocardial infarction: A mouse model of atherosclerotic plaque instability/rupture as unique tool for establishing novel pharmacological strategies and targeted molecular imaging. \$566,706. Administering institution: Baker IDI.
- Plebanski M, O’Hehir R, Hardy C, Friend J, Rolland J. Mechanisms of nanoparticle-mediated inhibition of asthma. \$615,903. Administering institution: Monash University.
- Poumbourios P, Drummer H, Yuriev E. Elucidating the activation mechanism of the HIV-1 envelope glycoproteins, gp120-gp41. \$615,074. Administering institution: Burnet Institute.
- Reeder J, Barry A, Mueller I, Siba P. Population genomics of *Plasmodium vivax* in Papua New Guinea. \$576,706. Administering institution: Burnet Institute.
- Schlaich M, May C. Catheter based renal denervation to improve outcomes in congestive heart failure. \$598,533. Administering institution: Baker IDI.
- Shaw J, Zimmet P, Anstey K, Kavanagh A, Atkins R, Chadban S, Dunstan D, Balkau B. AusDiab 3: emerging risk factors for and long-term incidence of cardio-metabolic diseases. \$2,537,113. Administering institution: Baker IDI.
- Sviridov D, Remaley A, Shaw J, Turner S. Novel apolipoprotein A-I mimetic peptides: a research tool and a therapeutic agent to study and treat atherosclerosis. \$389,208. Administering institution: Baker IDI.
- Tachedjian G, Gorry P, Ramsland P, Aguilar M-I. Elucidating the mechanism of action of denrimer nanoparticles against HIV. \$540,048. Administering institution: Burnet Institute.
- Thompson B, Thien F, Douglass J, King G, O’Hehir R. Physiological aetiology of refractory asthma. \$344,208. Administering institution: The Alfred.
- Wilkinson-Berka J, Peti-Peterdi J, Miller A. Evaluating the link between the GPR91 receptor and renin in the pathogenesis of diabetic retinopathy. \$470,022. Administering institution: Monash University.
- Wilkinson-Berka J, Campbell D, Slattery R, Miler A. Prorenin and the prorenin receptor in diabetic retinopathy: involvement of the Wnt pathway and inflammation. \$560,022. Administering institution: Monash University.
- Woodcock E, Kistler P. Phospholipase C β 1b, a target to limit atrial dilatation. \$526,299. Administering institution: Baker IDI.
- Woodcock E, Grubb D. SHANK3 as a target to reduce hypertrophy and heart failure. \$530,048. Administering institution: Baker IDI.

Development Grants

- Gorry P. Development of a biochemical HIV-1 tropism assay. \$159,604. Administering institution: Burnet Institute.
- Head G, Kaye D, Byrne M. Development of oral natriuretic peptides for congestive heart failure. \$496,410. Administering institution: Baker IDI.
- Peter K, Hagemeyer C, Krippner G, Adams T. Development of platelet-targeted nanoparticles for magnetic resonance imaging towards the detection of thrombi/emboli and vulnerable atherosclerotic plaques. \$586,996. Administering institution: Baker IDI.

Research Fellowships

Andrews R. SRF-A. 2011-2015. Administering institution: Monash University.

Dietze P. SRF-A. 2011-2015. Administering institution: Burnet Institute.

Forbes J. SRF-A. 2011-2015. Administering institution: Baker IDI.

Gerondakis S. PRF. 2011-2015. Administering institution: Burnet Institute.

Head G. PRF. 2011-2015. Administering institution: Baker IDI.

Owen N. SPRF. 2011-2015. Administering institution: Baker IDI.

Wilkinson-Berka J. SRF-B. 2011-2015. Administering institution: Monash University.

Career Development Awards

Cheng A. Level 1. 2011-2014. Administering institution: Monash University.

Eades S. Level 1. 2011-2014. Administering institution: Baker IDI.

Kinner S. Level 1. 2011-2014. Administering institution: Burnet Institute.

Leder K. Level 1. 2011-2014. Administering institution: Monash University.

O'Keeffe M. Level 2. 2011-2014. Administering institution: Burnet Institute.

Urquhart D. Level 1. 2011-2014. Administering institution: Monash University.

Training Fellowships

Bilardi J. Australian Public Health. 2011-2014. Administering institution: Monash University.

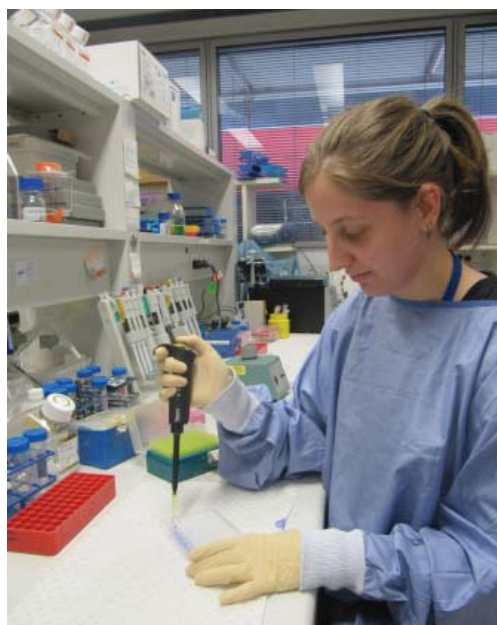
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