

NHMRC GRANTS CURRENT IN 2015

Listed are NHMRC grants held by AMREP staff in 2015.

Program Grants

Adams J, **Gerondakis S**, Bouillet P, Visvader J, Colman P, Strasser A, Cory S, Vaux D, Huang DC, Linderman G, Kluck RM. Apoptosis and stem cells in cancer development and therapy. 2012-2016: \$21,322,575. Administering institution: Walter and Eliza Hall Institute.

Berkovic S, Jackson G, Gecz J, Connelly A, Scheffer I, O'Brien T, Petrou S, Calamante F, **Reid C**. Human epilepsy: understanding biology to improve outcomes. 2016-2020: \$16,110,300. Administering institution: University of Melbourne.

Cooper D, Davenport M, Emery S, Kelleher A, **Kent S**, Lewin S, Purcell D. HIV cure and immune mediated control. 2014-2018: \$12,612,250. Administering institution: University of New South Wales.

Cowman A, **Crabb B**, Mueller I, **Beeson J**, Rogerson S. Understanding malaria in the human host. 2016-2020: \$10,894,940. Administering institution: The Walter and Eliza Hall Institute of Medical Research.

Goodnow C, MacKay C, **MacKay-Fisson F**, Tangye S, Sprent J, Cook M, Vinuesa C, Brink R. Molecular and cellular basis of inflammatory and immunodeficiency diseases. 2012-2016: \$15,718,075. Administering institution: Australian National University.

Kaye D, Jennings G, Esler M, Dart AM, Kingwell B, Chin-Dusting J, Sviridov D. A program of translational cardiovascular medicine: identifying new targets for prevention and treatment. 2013-2017: \$12,406,615. Administering institution: Baker IDI.

Krum H, Reid C, Liew D. Novel approaches to the prevention and treatment of chronic heart disease and its co-morbid complications. 2016-2020: \$5,603,110. Administering institution: Monash University.

Centres of Research Excellence

Abramson M. Centre of Research Excellence for Population Health Research on Electromagnetic Energy. 2013-2018: \$2,499,157. Administering institution: Monash University.

Cameron P. Australian Resuscitation Outcomes Consortium. 2011-2016: \$2,498,523. Administering institution: Monash University.

Carlin J, Forbes A, Gurrin L. The Victorian Centre for Applied Biostatistics (VCAB): Building core methodological capacity for population health. 2011-2016: \$2,497,184. Administering institution: Murdoch Children's Research Institute.

Cooper DJ, Phillips L, Bellomo R, Cameron P, Reade M, Isbister J, French C, Myles P, Webb S, McNeil J. Centre of Excellence for Patient Blood Management in Critical Illness and Trauma. 2012-2017: \$2,498,407. Administering institution: Monash University.

Cooper ME, Thomas M, El-Osta A, Jandeleit-Dahm K, Groop P-H, Bach L. JDRF/NHMRC Diabetes Complications Centre of Research Excellence. 2014-2018: \$2,500,000. Administering Institution: Baker IDI.

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.

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Fraser J, McGiffin D, Lovell N, Bannon P, Tansley G, Pellegrino V, Roberts J, Barnett A, Gregory S. Centre for Research Excellence in Advanced Cardio-respiratory Therapies Improving Organ Support (ACTIONS). 2014-2018: \$2,491,450. Administering institution: Prince Charles Hospital.

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.

Golledge J, Kingwell B, Norman P, Tonkin A, Fitridge R, Reid C, Walker P, Hankey G, Fletcher J, Nelson M. National Centre of Research Excellence to improve management of peripheral arterial disease. 2010-2015: \$2,499,250. Administering institution: James Cook University.

Owen N, Salmon J, Trost S, Dunstan D, Eakin E, Healy G, Kingwell B, Lambert G, Timperio A. Centre of Research Excellence on Sedentary Behaviour and Chronic Disease Risk: Mechanisms, Measurement and Research Translation. 2013-2017: \$2,499,247. Administering institution: Baker IDI

Redman S, Jorm L, Green S, D'Este C, Frew D, Shakeshaft A, Sanson-Fisher R, Davies H, Louviere J. Centre for Informing Policy in Health with Evidence from Research (CIPHER). 2011-2015: \$2,539,085. Administering institution: University of Western Sydney.

Scott A, Joyce C, Humphreys J, Kalb G. Centre for Research Excellence in Medical Workforce Dynamics. Medicine in Australia: Balancing Employment and Life (MABEL). 2011-2016: \$2,496,646. Administering institution: University of Melbourne.

Stewart S, Brown A, Thompson D, Stocks N, Scuffham P, Eades, Carrington M, Sliwa K, Maguire G. Centre of Research Excellence to Reduce Inequality in Heart Disease. 2012-2017: \$2,493,649. Administering institution: Australian Catholic University.

Development Grants

Rosenfeld J, Harvey E, Lowery A, Blamey P, Rosa M, Ayton L, Harcourt J. Restoring vision with a wireless multi-electrode cortical device: towards commercialisation. 2015-2017: \$1,463,682. Administering institution: Monash University.

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.

European Union Collaborative Research Grants

Cooper DJ. OZENTER-TBI_Australia-Europe NeuroTrauma Effectiveness Research in TBI collaboration. 2014-2016: \$358,347. Administering institution: Monash University.

Ei-Osta A. Development and epilepsy – strategies for innovative research to improve diagnosis, prevention and treatment in children and difficult to treat epilepsy. 2014-2016: \$444,126. Administering institution: Baker IDI.

Partnership Projects

Barker A, Cameron P, Hill K, Flicker L, Haines T, Lowthian J, Waldron N, Arendts G, Redfern J, Forbes A. A multi-centre RCT to prevent secondary falls in older people presenting to the emergency department with a fall. 2013-2015: \$1,488,315. Administering institution: Monash University.

Cooper DJ, Wood E, Cameron P, Isbister J, French C, Stanworth S, McLintock MC, McQuilten Z, Zatta A, Barker A. Improving outcomes for patients with critical bleeding requiring massive transfusion. 2014-2016: \$861,706. Administering institution: Monash University.

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Lewin S, Fairley C, Elliott J, Crooks L, Watson J, Kidd M, Battersby M, Akualcin J. HealthMap: a cluster randomised trial of interactive self-care plans to prevent and manage chronic conditions by people living with HIV. 2011-2016: \$1,500,000. Administering institution: Monash University.

Middleton J, Cameron P, McClure R, Marshall R, Bowen D, Harrison J, Lyons N, Brown D. Right care, right time, right place: improving outcomes for people with spinal cord injury through early intervention and improved access to specialised care. 2012-2015: \$1,068,089. Administering institution: University of Sydney.

Zoungas S, Teede H, Kerr P, Cass A, Gallagher M, Fulcher G, Walker R, Polkinghorne K, Russell G, Johnson G. The diabetes renal project: better outcomes for patients with diabetes and chronic kidney disease. 2012-2015: \$628,148. Administering institution: Monash University.

Project Grants

Andrews R, Ramshaw H, Cranmer S. A newly identified role for 14-3-3zeta protein in thrombosis and platelet procoagulant activity. 2013-2015: \$537,124. Administering institution: Monash University.

Barker A, McNeil J, Ward S, Sanders K, Khosla S. The ASPREE-fracture sub-study: does daily low-dose aspirin reduce fracture risk in healthy older adults? 2014-2018: \$1,290,628. Administering institution: Monash University.

Beeson J, Rogerson S. Surface antigens of Plasmodium falciparum-infected erythrocytes and immunity to malaria in humans. 2013-2015: \$578,502. Administering institution: Burnet Institute.

Berk M, McNeil J, Nelson M, Shah R, Woods R, Mohebbi M. ASPREE-D; Aspirin in the prevention of depression in the elderly. 2015-2018: \$767,594. Administering institution: Monash University

Bobik A, Toh BH, Tipping P. Natural killer (NK) cells and development of atherosclerosis: cellular and molecular mechanisms. 2014-2016: \$705,558. Administering institution: Baker IDI.

Bobik A, Toh BH, Tipping P. Regulatory T cells and Cardiac Fibrosis in Hypertensive Heart Disease: Cellular and Molecular Mechanisms of Suppression. 2013-2015: \$690,627. Administering institution: Baker IDI.

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. 2011-2015: \$1,830,401. Administering institution: Baker IDI.

Calkin A. Regulation of lipid metabolism skeletal muscle by IDOL – a novel degrader of the very low density lipoprotein receptor. 2015-2017: \$536,260. Administering institution: Baker IDI.

Cameron P, Lewin S, Chomont N. HIV latency and regulation of HIV life cycle. 2013-2015: \$489,927. Administering institution: Monash University.

Cameron P, Mallal S, Vatakis D. The impact of HIV integration sites on eliminating HIV latency. 2014-2016: \$752,950. Administering institution: Monash University.

Caminschi I, Heath W, Mueller S. Enhancing vaccine efficacy by harnessing dendritic cell receptors and their unique properties. 2014-2016: \$664,890. Administering institution: Burnet Institute.

Caminschi I, O'Keeffe M. The identification and characterisation of a new DNA receptor. 2014-2016: \$634,890. Administering institution: Burnet Institute.

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Chapman M, Peake S, Bellomo R, Horowitz M, Davies A, Deane A. The Augmented versus Routine approach to Giving Energy Trial (TARGET). 2015-2019: \$3,534,236. Administering institution: Monash University.

Churchill M, Gorry P, Wesselingh S. Viral Determinants of HIV-1 Transcriptional Latency in the Central Nervous System. 2013-2015: \$610,658. Administering institution: Burnet Institute.

Cooper DJ. STandaRd Issue TrANsfusion versus Fresher red blood cell Use in intenSive carE (TRANSFUSE): a randomised controlled trial. 2012-2015: \$2,761,870. Administering institution: Monash University.

Cooper M, Chai Z. Targeting the CDA1 axis to confer renoprotection. 2014-2016: \$641,226. Administering institution: Baker IDI.

Cooper M, Kantharidis P. Role of microRNA-21 in diabetic kidney disease. 2014-2016: \$729,623 Administering institution: Baker IDI.

Corcoran T, Myles P, Cheng A, Bach L, Forbes A, Ho K, Chan M, Leslie K, Short T . Perioperative Administration of Dexamethasone and Infection – the PADDI trial. 2015-2019: \$4,603,039. Administering institution: Monash University.

Coughlan M. Does excess consumption of dietary advanced glycation end products activate the complement pathway contributing to diabetic nephropathy? 2013-2015: \$454,373. Administering institution: Baker IDI.

Crabb B, Beddoe T, de Koning-Ward T, Gilson P. The structural resolution of PTEX, the translocon of virulence proteins and malaria parasites. 2014-2016: \$542,562. Administering institution: Burnet Institute.

Curtis D, Pimanda J, McCormack M. The bHLH transcription factor LYL1 in normal and leukemic haematopoiesis. 2013-2015: \$502,964.28. Administering institution: Monash University.

Curtis D, Jane S, Haigh J, Wei A, Powell D. Eradicating leukaemic stem cells by targeting the arginine methyltransferase PRMT5. 2015-2018: \$742,353. Administering institution: Monash University.

Davis S, Brown K, Bell R. Investigating the use of metformin for the prevention of endometrial cancer. 2014-2016: \$655,321. Administering institution: Monash University.

Drummer H, Poubourious P, Center R. A universal prophylactic vaccine for hepatitis C virus. 2015-2017: \$623,475. Administering institution: Burnet Institute.

Du XJ. Preclinical relaxin therapy to reverse cardiac fibrosis and gain functional benefits. 2015-2017: \$702,603. Administering institution: Baker IDI.

Dunstan D, Green D, Ellis K, Cerin E. Taking a break for brain health: interacting effects of exercise bouts with breaks in sitting time on cognitive and cerebrovascular function in overweight adults. 2014-2016: \$748,285 Administering institution: Baker IDI.

Dunstan D, Owen N, Straznicky N. Breaking up prolonged sitting: a practical daily therapeutic tool in the management of type 2 diabetes? 2015-2016: \$310,257. Administering institution: Baker IDI.

Dworkin S, Jane S, Anderson P. Identifying the critical pathways which regulate vertebrate craniofacial development. 2014-2016: \$534,033. Administering institution: Monash University.

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Eades S, Banks E, Ward J, Wilkes E, Ivers R, Liu B, Gray D, D'Este C, Williamson A. The Forgotten Generation: understanding health trajectories in Aboriginal adolescents and youth. 2015-2019: \$1,999,392. Administering institution: Baker IDI.

Ei-Osta A, Thomas M, Cooper M, Groop PH. Epigenetic determinants of nephropathy in adults with type 1 diabetes. 2015-2017: \$515,010. Administering institution: Baker IDI.

Fitzgerald P. Deep brain stimulation in the treatment of severe depression. 2015-2019: \$967,355. Monash

Eisen D, Leder K, McBryde E, Wolfe R, Pilcher D, Woods R. The AspiriN To Inhibit SEPSIS (ANTISEPSIS) trial; an ASPREE substudy to measure the benefit of low dose aspirin in the prevention of severe sepsis. 2013-2017: \$391,879. Administering institution: Monash University.

Ei-Osta A, Thomas M, Tikellis C. Exploring the upstream mediators of metabolic memory. 2013-2015: \$614,104. Administering institution: Baker IDI.

Esler M, Lambert E. Neural mechanisms of recurrent postural syncope. 2014-2016: \$589,569 Administering institution: Baker IDI.

Febbraio M, Whitham M. Is the role of IL6 in metabolism dependent on its cellular origin? 2014-2016: \$690,558. Administering institution: Baker IDI.

Febbraio M. Blocking IL-6 trans-signalling: a therapeutic strategy to prevent metabolic disease. 2013-2015: \$521,975. Administering institution: Baker IDI.

Febbraio M. IC7: a gp130 receptor ligand to treat type 2 diabetes. 2013-2015: \$578,169. Administering institution: Baker IDI.

Fitzgerald P, Hoy K. Accelerated repetitive transcranial magnetic stimulation in the treatment of depression. 2013-2015: \$471,252. Administering institution: Monash University.

Fowkes F. Human malarial immunity and risk of malaria post-partum and during infancy. 2013-2015: \$254,165. Administering institution: Burnet Institute.

Fowkes F, Simpson J, Nosten F. Human malarial immunity and assessment of emerging artemisinin resistance. 2014-2016: \$302,647. Administering institution: Burnet Institute.

Gabbe B, Cameron P, Harrison J, Lyons R, Ponsford J, Collie A, Ameratunga S. Outcomes after serious injury: what is the recovery trajectory and how do the priorities for treatment and disability services change over time? 2014-2017: \$738,450. Administering institution: Monash University.

Gibson P, Muir J, Boyd B. Use of oral enzymes to treat carbohydrate intolerance: adjunct therapy to the low FODMAP dietary treatment of irritable bowel syndrome. 2013-2015: \$590,365. Administering institution: Monash University.

Gorry P, Lee B, Payne R, Ramsland P. Elucidating the mechanisms and consequences of clinical HIV-1 resistance to the CCR5 antagonist maraviroc. 2014-2016: \$602,670. Administering institution: Burnet Institute.

Green S, Jeffery J, McDonald S, Lahra M, Laopaiboon M, McKenzie J, Lumbiganon P. SEA-URCHIN: South East Asia - Using Research for Change in Hospital-acquired Infection in Neonates. 2011-2015: \$2,219,157. Administering institution: Monash University.

Gregorevic P, Harrison C, de Kretser D. Targeting activins to treat cachexia. 2015-2018: \$671,851. Administering institution: Baker IDI.

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Gorry P, Lee B, Churchill M, Ramsland P. Envelope glycoprotein determinants of HIV-1 subtype C tropism and pathogenicity. 2015-2017: \$636,760. Administering institution: Burnet Institute.

Gruen R, Mitra B, Bernard S, Jacobs I, Medcalf R, Reade M, Tran H. Pre-hospital Antifibrinolytics for Traumatic Coagulopathy and Haemorrhage (The PATCH Study). 2013-2016: \$1,668,152. Administering institution: Monash University.

Guthridge M, Wei A. Targeting the apoptosis machinery in cancer. 2014-2016: \$527,948. Administering institution: Monash University.

Hagemeyer C. Delivery nanoparticles to prevent rupture of unstable arterial plaques. 2015-2017: \$593,813. Administering institution: Baker IDI.

Hamilton J. Defining the function of the thrombin receptor, PAR4, on human platelets. 2013-2015: \$522,270. Administering institution: Monash University.

Head G, Davern P. Role of the paraventricular hypothalamus in angiotensin induced neurogenic hypertension. 2013-2015: \$431,586.68. Administering institution: Baker IDI.

Head G, Davern P, Marques F, Charchar F. Mechanisms responsible for neurogenic hypertension: role of a novel interaction between amygdala-hypothalamic GABA pathways and the microRNA regulation of rennin. 2014-2016: \$557,562. Administering institution: Baker IDI.

Hibbs M, Anderson G. Targeting macrophage subtypes as a strategy for chronic inflammatory lung disease therapy. 2015-2017: \$639,794. Administering institution: Monash University.

Hogarth M, Pietersz G, Baker R, Powell M. Human Fc receptors in antibody mediated inflammation. 2014-2016: \$619,890. Administering institution: Burnet Institute.

Hogarth M, Wines B, Grimbaldstone M, O'Hehir R. Structure and function of human Fc receptors. 2015-2017: \$673,472. Administering institution: Burnet Institute.

Holland A, McDonald C, Mahal A. Benefits and costs of home-based pulmonary rehabilitation in chronic obstructive pulmonary disease. 2013-2015: \$364,360. Administering institution: La Trobe University.

Jandeleit-Dahm K, Kantharidis P. The role of the microRNA let 7 in diabetic proliferative vascular disease. 2014-2016: \$651,896. Administering institution: Baker IDI.

Jandeleit-Dahm K, Thomas M, Tikellis C. The role of methylglyoxal and RAGE in diabetes associated atherosclerosis. 2013-2015: \$454,375.35. Administering institution: Baker IDI.

Jane SM. The role of the mammalian Grainyhead-like gene family in neural tube closure. 2013-2015: \$613,612. Administering institution: Monash University.

Jane S. Towards a cure for the beta-hemoglobinopathies. 2014-2016: \$617,562. Administering institution: Monash University.

Jane SM, Pearson R, Darido C. Translating molecular insights in squamous cell carcinoma into novel therapeutics. 2013-2016: \$823,336. Administering institution: Monash University.

Jaworowski A, Crowe S, Cameron P, Elliott J. A longitudinal study of natural killer cell function in HIV-infected individuals initiating therapy. 2013-2015: \$598,938. Administering institution: Burnet Institute.

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Kingwell B, Duffy S, Siebel A. HDL elevation and glucose metabolism: a mechanistic proof-of-concept intervention trial in pre-diabetes. 2014-2016: \$490,468. Administering institution: Baker IDI.

Krum H, Wang B, Kompa A, Kelly D. Mechanisms underlying the contribution of uremic toxins to cardiorenal syndrome. 2015-2017: \$400,588. Administering institution: Monash University.

Kulkarni J. Adjunctive hormone therapy for treatment resistant depression in perimenopausal women. 2013-2015: \$599,514. Administering institution: Monash University.

Kulkarni J, Barton D, Gurvich C. Selective estrogen receptor modulators - a new adjunctive treatment for men with schizophrenia? 2013-2015: \$788,419. Administering institution: Monash University.

Kyaw T. B1a B cells: atheroprotective mechanisms and therapeutic application. 2014-2016: \$529,169. Administering institution: Baker IDI.

Lahoud M, Shortman K, Caminschi I. Molecular basis for the efficient processing of antigens taken up by Clec9A, a DAMP receptor on dendritic cells. 2015-2019: \$1,248,500. Administering institution: Burnet Institute.

Lannin N, Ratcliffe J, Ada L, English C, Crotty M. Optimising upper limb recovery following stroke: a randomised controlled trial of the effects of botulinum toxin-A combined with intensive rehabilitation compared to botulinum toxin-A alone. 2015-2017: \$1,036,713. Administering institution: La Trobe University.

Leder K, Boving T, Gautam S, Forbes A, Mahal A, Luby S. Improving access to safe water using Riverbank Filtration Technology. 2015-2017: \$1,021,398. Administering institution: Monash University.

Leslie K, Myles P, Paech M, Story D, Chow C. POISE-2: a large, international, placebo-controlled, factorial trial to assess the impact of clonidine and aspirin in patients undergoing non-cardiac surgery who are at risk of a perioperative cardiovascular event. 2011-2015: \$1,136,310. Administering institution: Monash University.

Leslie K, Short T, Chan M, Myles P, Paech M, Corcoran T. The influence of anaesthetic depth on patient outcome after major surgery. 2013-2017: \$2,893,794. Administering institution: Monash University.

Lewin S, Matthews G, Torresi J, Crane M. Liver disease in HIV-HBV co-infection. 2012-2015: \$682,330. Administering institution: Monash University.

Luchters S, Crowe S, Stoové M, Anderson D, Markby J, Ryan C, Kelly A, Chen XS, Kelso D, Vallely A. Reduced HIV infection and increased survival among HIV-exposed infants using two newly developed point-of-care tests in Papua New Guinea and China. 2014-2016: \$923,691. Administering institution: Burnet Institute.

Luchters S, Lim M, Hellard M, Stoové M, Jaoko W, Kingola N, L'Engle K, Chersich M, Temmerman M. Reducing unintended pregnancies among female sex workers in Kenya using mHealth: a cluster randomised trial. 2015-2017: \$706,692. Administering institution: Burnet Institute.

Mackay F, Ting S. Restoration of immune competency in CLL. 2014-2016: \$557,565. Administering institution: Monash University.

Maguire G, Ward J. Preventing hospital readmission in a regional Australian hospital setting. 2014-2016: \$546,862. Administering institution: Baker IDI.

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McMullen J. Targeting PI3K-regulated lipids to treat heart failure. 2013-2015: \$472,889. Administering institution: Baker IDI.

McMullen J, Lin R. The cardioprotective role of PI3K-regulated small non-coding RNAs. 2013-2015: \$589,695. Administering institution: Baker IDI.

McMullen J, Ritchie R. Identification of a microRNA-based therapy for the diabetic heart. 2014-2016: \$510,505. Administering institution: Baker IDI.

McNamara B, Eades S, Jorm L, Preen D, Jones J, Gubhaju L, Shepherd C, McAullay D. 'Defying the odds': exploring the impact of perinatal outcomes, maternal social and health outcomes and levels of culturally appropriate service availability on the health of Western Australian Aboriginal infants and children. 2015-2018: \$634,885. Administering institution: Baker IDI.

McNeil J, Egan G, Brodtmann A, Ward S, Ferris N, Bailey M. ASPREE-NEURO: aspirin and cerebral microhaemorrhages. 2015-2018: \$956,186. Administering institution: Monash University.

McNeil J, Guymer R, Robman L, Woods R. Low dose aspirin and age-related macular degeneration: randomised controlled trial. 2013-2017: \$991,797. Administering institution: Monash University.

Medcalf R, Lawrence D. Proteases and protease-inhibitor complexes as modulators of traumatic brain injury severity. 2013-2015: \$592,142. Administering institution: Monash University.

Medcalf R, Mitchell A. New approaches to improve thrombolysis in ischaemic stroke. 2013-2015: \$565,847. Administering institution: Monash University.

Meikle P, Best J. Lipidomic analysis of the FIELD trial: mechanism of action and prediction of response to fenofibrate treatment in type 2 diabetes. 2013-2015: \$621,134. Administering institution: University of Sydney.

Myles P, Bellomo R, Christophi C, Corcoran T, Forbes A, Peyton P, Story D. Restrictive versus Liberal Fluid Therapy in Major Abdominal Surgery: The RELIEF Trial. 2013-2016: \$2,384,173. Administering institution: Monash University.

Nichol A, Davies A, Hodgson C, Fraser J, Bersten A, Cooper DJ. A multi-centre RCT of an open lung strategy including permissive hypercapnia, alveolar recruitment and low airway pressure in patients with ARDS. 2012-2015: \$997,535. Administering institution: Monash University.

O'Keeffe M, Lucas M, Morand E. Exploring the contribution of interferon-lambda to autoimmune disease. 2015-2017: \$807,787. Administering institution: Burnet Institute.

Oldenburg B, Hare D, Taylor C, McKenzie D, Forbes A, Sanderson K, Clarke D, Hollingsworth S. A prospective cohort study investigating the relationships between negative emotions, biomarkers and long term functioning in post-MI patients. 2012-2015: \$851,071. Administering institution: Monash University.

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. 2011-2015: \$1,046,991. Administering institution: Monash University.

Peter K. Defining 'therapeutic' cells as well as establishing cell targeting and tracking technology for the treatment of myocardial infarction and atherosclerosis. 2014-2016: \$642,952. Administering institution: Baker IDI.

Peter K. Developing functionalised microbubbles for molecular ultrasound imaging, drug and microRNA delivery. 2013-2015: \$653,597. Administering institution: Baker IDI.

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Peter K. Nanoparticle and virus assisted targeting of microRNA and DNA for the treatment of atherosclerosis, myocardial infarction and other inflammatory diseases. 2014-2016: \$640,853. Administering institution: Baker IDI.

Peter K. The role of C reactive protein (CRP) in localising inflammation to misfolded proteins and stressed cells: a basis for the development of new anti-inflammatory reagents. 2014-2016: \$700,465. Administering institution: Baker IDI.

Poumbourios P, Drummer H. Studies on the activation and immunogenicity of the HIV-1 glycoproteins, gp120-gp41. 2014-2016: \$615,558. Administering institution: Burnet Institute.

Reid C, Liew D, Owen A, Williamson E, Ademi Z. Modelling of clinic and ambulatory blood pressure on cardiovascular risk and outcomes. 2013-2017: \$130,480. Administering institution: Monash University.

Ritchie R. Annexin-A1 mimetics: a novel therapeutic approach for targeting the cardiac complications of diabetes. 2015-2018: \$784,154. Baker IDI

Ritchie R, Gao XM, Yang Y. Annexin-A1 agonists rescue cardiac contractile function after myocardial infarction. 2013-2015: \$599,972. Administering institution: Baker IDI.

Schlaich M. Renal denervation to improve outcomes in patients with end-stage renal disease. 2013-2015: \$992,544. Administering institution: Baker IDI.

Schlaich M, Head G, Denton K. Mechanisms and consequences of renal denervation in chronic kidney disease. 2013-2015: \$1,247,960. Administering institution: Baker IDI.

Schlaich M, Lambert G. Renal denervation for uncontrolled hypertension. 2012-2016: \$2,073,675. Administering institution: Baker IDI.

Schoenwaelder S, Jackson S. The role of PI 3-kinase p110beta in regulating thrombus porosity. 2013-2015: \$500,502. Administering institution: Monash University.

Shehabi Y, Bellomo R, Reade M, Seppelt I, McArthur C, Bailey M, Howe B. Early goal-directed sedation compared with standard care in mechanically ventilated critically ill patients: a prospective multicentre randomised controlled trial. 2013-2017: \$2,752,725. Administering institution: Monash University.

Stoové M, Kinner S, Butler T, Aitken C, Ogloff J, Dietze P. A prospective cohort study of ex-prisoners with a history of injecting drug use: examining health service utilisation, physical and mental health and blood borne virus trajectories. 2012-2016: \$956,019. Administering institution: Burnet Institute.

Storey E. Mechanisms of ataxia in spinocerebellar ataxia type 1 transgenic mice. 2013-2015: \$348,864. Administering institution: Monash University.

Storey E, Ward S, Woods R, Hamilton G, Janke A, Kawasaki R, Naughton M. The SNORE-ASA study: a study of neurocognitive outcomes, radiological and retinal effects of aspirin in sleep apnoea. 2012-2016: \$850,000. Administering institution: Monash University.

Tachedjian G, Anderson D, Cone R, Hearps A, Gugasyan R. Immune modulatory effects of vaginal microbiota metabolites and HIV susceptibility. 2015-2017: \$770,084. Administering institution: Burnet Institute.

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Tachedjian G, Chalmers D, Sluis-Cremer N, Arnold E, Simpson J. Towards a new class of reverse transcriptase inhibitor for HIV prevention. 2014-2016: \$663,918. Administering institution: Burnet Institute.

Taylor A. The role of diffuse myocardial fibrosis in myocardial stiffness. 2012-2015: \$479,940. Administering institution: Baker IDI.

Teede H, Lombas C, Zoungas S, Keating C. Preventing weight gain in young to mid-aged women living in rural communities: a cluster randomised controlled trial. 2012-2015: \$863,888. Administering institution: Monash University.

Ting S, Curtis D. Endocytosis and asymmetric cell division in leukaemia. 2013-2015: \$529,419.64. Administering institution: Monash University.

Thomas M, Pflieger K. Interactions between RAGE and the type 1 angiotensin receptor determine the pro-atherosclerotic actions of angiotensin II. 2015-2017: \$505,615. Administering institution: Baker IDI.

Thomson K, Millar J, Kavnoudias H, Stricker P, Neal II R. Developing irreversible electroporation non-thermal tumor ablation for organ-confined prostate cancer treatment. 2015-2017: \$281,746. Administering institution: Monash University.

Urquhart D, Cicuttini F, Rosenfeld J, van Tulder M, Wluka A, Leder K. Is antibiotic treatment effective in the management of chronic low back pain in those with disc herniation? A double-blind, randomised, placebo-controlled trial with an economic evaluation. 2015-2017: \$533,760. Administering institution: Monash University.

Wang Y, Cicuttini F, Tonkin A, Hill C, Ding C. Does statin use have a disease modifying effect in symptomatic knee osteoarthritis? A multicentre randomised, double-blind, placebo-controlled trial. 2013-2015: \$971,019. Administering institution: Monash University.

Watson A. Role of intrarenal nerves in the progression of hypertension and diabetic nephropathy. 2015-2017: \$713,337. Administering institution: Baker IDI.

Wei A, Bradstock K, Levis M, Murray M, Roberts A. A randomised study to optimise clinical outcomes in patients with FLT3 mutant AML. 2013-2017: \$1,111,891. Administering institution: Monash University.

Weller C, Haines T, Ward S, Darby I, Barker A, Underwood M. Clinical effectiveness of aspirin in healing chronic venous leg ulcers: a randomised double-blinded placebo-controlled trial. 2014-2017: \$766,311. Administering institution: Monash University.

Westein E, Murphy A. Investigation into the intervention of arterial thrombosis and atherosclerosis using shear sensitive nanoparticle drug delivery. 2015-2017: \$447,077. Administering institution: Baker IDI.

Wilkinson-Berka J, Smith J, Schmidt H, Appukuttan B. Inhibition of specific NOX isoforms as a new treatment for hypertensive and diabetic retinopathy. 2015-2018: \$823,373. Administering institution: Monash University.

Wluka A, Cicuttini F, Urquhart D, Teichtahl A. Does low dose amitriptyline reduce pain in knee osteoarthritis? A double blind, randomised, pragmatic, placebo controlled clinical trial of amitriptyline in addition to usual care. 2015-2017: \$401,362. Administering institution: Monash University.

NHMRC GRANTS CURRENT IN 2015

Wood E, Stanworth S, Szer J, Westerman D, Cole-Sinclair M, McQuilten Z, Estcourt L. Trial to Evaluate Anti-fibrinolytic Therapy in Thrombocytopenia (TREATT). 2015-2019: \$1,012,635. Administering institution: Monash University.

Research Fellowships

Andrews R. 2011-2015. Administering institution: Monash University.
Beeson J. 2015-2019. Administering institution: Burnet Institute.
Buchbinder R. 2015-2019. Administering institution: Monash University.
Cooper M. 2015-2019. Administering institution: Baker IDI.
Crowe S. 2013-2017. Administering institution: Burnet Institute.
Dart A. 2010-2015. Administering institution: Baker IDI.
Davis S. 2013-2017. Administering institution: Monash University.
Dietze P. 2011-2015. Administering institution: Burnet Institute.
Dixon J. 2015-2019. Administering institution: Baker IDI.
Drummer H. 2013-2017. Administering institution: Burnet Institute.
Du XJ. 2013-2017. Administering institution: Baker IDI.
Dunstan D. 2015-2019. Administering institution: Baker IDI.
Esler M. 2015-2019. Administering institution: Baker IDI.
Febbraio MA. 2012-2016. Administering institution: Baker IDI.
Gerondakis S. 2011-2015. Administering institution: Monash University.
Guthridge M. 2014-2018. Administering institution: Monash University.
Head G. 2011-2015. Administering institution: Baker IDI.
Hellard M. 2014-2018. Administering institution: Burnet Institute.
Hibbs M. 2010-2015. Administering institution: Monash University.
Jandeleit-Dahm K. 2014-2018. Administering institution: Baker IDI.
Kaye D. 2013-2017. Administering institution: Baker IDI.
Kingwell B. 2014-2018. Administering institution: Baker IDI.
Lambert G. 2013-2017. Administering institution: Baker IDI.
Mackay F. 2012-2016. Administering institution: Monash University.
McMullen J. 2015-2019. Administering institution: Baker IDI.
Medcalf RL. 2013-2017. Administering institution: Monash University.
Meikle P. 2013-2017. Administering institution: Baker IDI.
O'Keeffe M. 2015-2019. Administering institution: Burnet Institute.
Owen N. 2011-2015. Administering institution: Baker IDI.
Peter K. 2015-2019. Administering institution: Baker IDI.
Plebanski M. 2014-2018. Administering institution: Monash University.
Reid C. 2013-2017. Administering institution: Monash University.
Ritchie R. 2014-2018. Administering institution: Baker IDI.
Shaw J. 2015-2019. Administering institution: Baker IDI.
Sviridov D. 2010-2015. Administering institution: Baker IDI.
Thomas M. 2010-2015. Administering institution: Baker IDI.
Wilkinson-Berka. 2011-2015. Administering institution: Monash University.

Practitioner Fellowships

Buchbinder R. 2015-2019. Administering institution: Monash University.
Cameron P. 2009-2015. Administering institution: Monash University.
Cooper DJ. 2013-2017. Administering institution: Monash University.
Fitzgerald P. 2015-2019. Administering institution: Monash University.
Gruen R. 2012-2016. Administering institution: Monash University.
Kistler P. 2012-2016. Administering institution: Baker IDI.
Krum H. 2012-2016. Administering institution: Monash University.
Lewin SR. 2013-2017. Administering institution: Monash University.
Maguire G. 2013-2017. Administering institution: Baker IDI.
Myles P. 2013-2017. Administering institution: Monash University.

NHMRC GRANTS CURRENT IN 2015

Career Development Fellowships

Barker A. 2014-2017. Administering institution: Monash University.
Cheng A. 2014-2017. Administering institution: Monash University.
Gabbe B. 2013-2016. Administering institution: Monash University.
Gregorevic P. 2013-2016. Administering institution: Baker IDI.
Hoy K. 2015-2018. Administering institution: Monash University.
Lee-Young R. 2013-2016. Administering institution: Baker IDI.
Leder K. 2015-2018. Administering institution: Monash University.
Murphy A. 2015-2018. Administering institution: Baker IDI.
Peeters A. 2013-2016. Administering institution: Baker IDI.
Peleg A. 2013-2016. Administering institution: Monash University.
Stoové M. 2015-2018. Administering institution: Burnet Institute.
Ting S. 2013-2016. Administering institution: Monash University.
Wang Y. 2014-2017. Administering institution: Monash University.
Weller C. 2012-2015. Administering institution: Monash University.
Wluka A. 2014-2017. Administering institution: Monash University.

Early Career Fellowships

Agostino M. 2013-2016. Administering institution: Burnet Institute.
Binger K. 2012-2015. Administering institution: Baker IDI.
Boyle M. 2014-2017. Administering institution: Burnet Institute.
Chan W. 2013-2016. Administering institution: Baker IDI.
Chang C. 2015-2018. Administering institution: Monash University.
Chow E. 2015-2018. Administering institution: Monash University.
Drew B. 2009-2015. Administering institution: Baker IDI.
Duncan R. 2014-2017. Administering institution: Burnet Institute.
Elliott J. 2012-2015. Administering institution: Monash University.
Hodgson C. 2012-2015. Administering institution: Monash University.
Horyniak D. 2015-2018. Administering institution: Burnet Institute.
Howell J. 2014-2017. Administering institution: Burnet Institute.
Iles L. 2014-2017. Administering institution: Baker IDI.
Jackson K. 2015-2018. Administering institution: Baker IDI.
Jenkinson R. 2013-2016. Administering institution: Burnet Institute.
Lim K. 2013-2016. Administering institution: Baker IDI.
Lynch B. 2010-2015. Administering institution: Baker IDI.
McKenzie J. 2014-2017. Administering institution: Monash University.
McNamara B. 2010-2015. Administering institution: Baker IDI.
Mitra B. 2014-2017. Administering institution: Monash University.
Page M. 2015-2018. Administering institution: Monash University.
Panjari M. 2012-2015. Administering institution: Monash University.
Pedrana A. 2014-2017. Administering institution: Burnet Institute.
Read T. 2015-2018. Administering institution: Monash University.
Richards J. 2012-2015. Administering institution: Burnet Institute.
Sacre J. 2014-2017. Administering institution: Baker IDI.
Senthil S. 2015-2018. Administering institution: Monash University.
Sharma A. 2015-2018. Administering institution: Baker IDI.
Stub D. 2015-2018. Administering institution: Baker IDI.
Teichtahl A. 2014-2017. Administering institution: Baker IDI.
Weiss G. 2013-2016. Administering institution: Burnet Institute.
Zou H. 2015-2018. Administering institution: Burnet Institute.