

## NHMRC GRANTS CURRENT IN 2016

Listed are NHMRC grants held by AMREP staff in 2016.

### 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-Fissov 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.

Reid C, **Liew D**, Kelly 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.

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.

**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,

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Measurement and Research Translation. 2013-2017: \$2,499,247. Administering institution: Baker IDI

Scott A, **Joyce C**, Humphreys J, Kalb G. Centre for Research Excellence in Medical Workforce Dynamics. Medicine in Australia: Balancing Employment and Life (MABEL). 2012-2016: \$2,496,646. Administering institution: University of Melbourne.

Stewart S, Brown A, Thompson D, Stocks N, Scuffham P, **Eades S**, 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.

### **NHMRC-National Natural Science Foundation of China (NSFC) Joint Call for Research to Enhance Prediction and Improve the Treatment of Type 2 Diabetes in China and Australia**

**Ei-Osta A**, Huang Y, Chan J, **Thomas M**, **Cooper M**. Identifying the epigenomic fingerprint of coronary heart disease in Chinese adults with type 2 diabetes. 2016-2020: \$596,662. Administering institution: Baker IDI

### **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.

**Peter K**. Systems biology to identify molecular targets for vascular disease treatment (SysVasc) with a focus on atherosclerotic plaque instability. 2015-2018: \$450,721. Administering institution: Baker IDI.

### **Partnership Projects**

**Barker AL**, **Cameron P**, Hill K, Flicker L, Haines T, **Lowthian J**, Waldron N, Arendts G, Redfern J, **Forbes A**, Morris R. 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.

**Bucknall T**, Hutchinson A, Harvey G, Considine J, Mitchell I, Rycroft-Malone J, Graham I, Mohebbi M, Watts J. Prioritising Responses Of Nurses To deteriorating patient Observations (PRONTO). 2016-2018: \$459,688. Administering institution: Deakin 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.

**Elliott J**, **Green S**, Thomas J, Tovey D, Glasziou P, Clarke M. Evidence Innovation: transforming the efficiency of systematic review. 2016-2018: \$928,416. Monash University.

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.

### **Development Grants**

Dear A, Kaye D, Byrne M, Perlmutter P. Development of a novel endovascular therapy for occlusive peripheral vascular disease. 2016-2018: \$624,197. Administering institution: Monash University.

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Krum H, Wang B, Harcourt J, Gu Z. A non-invasive fluid status monitoring device for heart failure. 2016-2018: \$360,715. Administering institution: Monash University.

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.

### Project Grants

Abramson M, Walters E, Corte T, Benke G. Occupational and environmental exposures associated with idiopathic pulmonary fibrosis in Australia. 2016: \$282,760. Administering institution: Monash University.

Alt K, Paterson B. Novel targeted PEG nanoparticles for cancer treatment and monitoring. 2016-2018: \$606,979. Administering institution: Baker IDI.

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.

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

Bernard S, Smith K, Cameron P, Finn J, Grantham H, Bray J, Stub D, Rogers I, Perkins G. Reduction of oxygen after cardiac arrest: the EXACT trial. 2016-2020: \$1,891,020. 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 B, Tipping P, Kyaw T. Cardiac fibrosis in hypertensive heart disease: cellular and molecular mechanism. 2016-2018: \$631,979. 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, 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.

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, Estes J, Lee B, Wesselingh S. HIV phenotypes important for the establishment of persistent reservoirs in the central nervous system and which impact neurotropism and neuropathogenesis. 2016-2018: \$762,491. Administering institution: Burnet Institute.

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Churchill M, Gorry P, Estes J, Wesselingh S. Viral determinants of HIV-1 transcriptional latency in the central nervous system: impact on cure strategies. 2016-2018: \$847,520. Administering institution: Burnet Institute.

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, Cooper M, Devenish R. Investigating pathways of mitochondrial quality control in diabetic kidney disease. 2016-2020: \$944,517. 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, 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.

Darido C, Jane S, Georgy S. Stratification of therapies in HNSCC through discovery of molecular signatures. 2016-2019: \$852,600. Administering institution: Monash University.

Davis S, Bell R, Wolfe R. Sex hormones and heart disease in older women study (the SHOW study). 2016-2019: \$594,672. 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, Poubourios P, Center R. A universal prophylactic vaccine for hepatitis C virus. 2015-2017: \$623,475. Administering institution: Burnet Institute.

Drummer H, Poubourios P, Hellard M. Profiling the specificity of the neutralising antibody response in people who have had long term protection from developing chronic HCV. 2016-2018: \$372,972. 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.

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.

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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.

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.

Fisher J, Biggs B-A, Tran T, Luchters S, Tran T, Hipgrave D. Learning clubs to improve women's health and infant's health and development in Vietnam: a cluster randomised controlled trial of a low-cost, evidence-informed, structured intervention. 2016-2019: \$1,372,748. Administering institution: Monash University.

Forbes A, Kahan B, Hemming K, Carlin J, McKenzie J, Haines T. New methods and guidelines for the design, analysis and reporting of cluster-crossover and stepped wedge randomised trials in clinical and public health research. 2016-2018: \$391,257. Administering institution: Monash University.

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.

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.

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

Gregorevic P, Harvey K. Pre-clinical assessment of the therapeutic potential of targeting the Hippo pathway in muscle wasting & muscle-derived cancer. 2016-2018: \$621,979. Administering institution: Baker IDI.

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.

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Haigh J, Mecucci C, Dickins R. Role of ZEB/NuRD interactions in haematopoiesis and lymphoid malignancies. 2016-2018: \$810,497. Administering institution: Monash University.

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 renin. 2014-2016: \$557,562. Administering institution: Baker IDI.

Head G, Marques F, Charchar F, Evans R. Neural control of renin expression by microRNA in hypertension. 2016-2019: \$805,972. 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.

Hibbs M, Fouras A. Characterisation of emerging new signalling networks that underlie COPD phenotypes. 2016-2018: \$696,966. 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, Wootton R, Alison J. Telerehabilitation for chronic obstructive pulmonary disease. 2016-2019: \$697,942. 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.

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

Jane S, Georgy S. Identification of factors critical for maintenance of the epidermal barrier. 2016-2018: \$616,950. 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, Hoy J, Crowe S, Elliott J, Hearps A. A new monocyte atherogenic phenotype in chronic HIV disease. 2016-2018: \$632,037. Administering institution: Burnet Institute.

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.

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

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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, 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.

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.

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.

Murphy A, Thomas M. S100A8/A9 as a target in metabolic diseases to inhibit the acceleration of cardiovascular disease. 2016-2018: \$554,990. Administering institution: Baker IDI.

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.

Myles P, Richards R, Smith J, Cooper DJ, Wood E, Carter R, Heritier S, Klein A. IV iron for treatment of anaemia before cardiac surgery (ITACS trial). 2016-2020: \$2,285,289. Administering institution: Monash University.

O'Hehir R. Phase I/IIa trials of a novel T cell epitope-based peptide therapy for peanut allergy. 2016-2018: \$1,440,000. 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.

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Peter K. Activated platelets as unique targets for early imaging and site-directed therapy of cardiovascular and inflammatory diseases. 2016-2018: \$846,979. Administering institution: Baker IDI.

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. 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.

Plebanski M, Stephens A, Oehler M, Gorrell M. A new anti-diabetes drug as a novel therapy for ovarian cancer. 2016-2018: \$711,966. Administering institution: Monash University.

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.

Renzaho A, Toole M, Agho K, Kounnavong S, Watts J, Billah M, Coghlan B. Integrated solutions for healthy birth, growth and development: a cluster-randomised controlled trial to evaluate the effectiveness of a mixed nutrition intervention package in reducing child undernutrition in Lao People's Democratic Republic. 2016-2019: \$1,558,515. Administering institution: Burnet Institute.

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

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, 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.

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.



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Taylor A. The role of diffuse myocardial fibrosis in myocardial stiffness. 2012-2016: \$479,940. Administering institution: Baker IDI.

Thomas M, El-Osta A. The persisting vascular effects of activation of the renin-angiotensin system. 2016-2018: \$628,455. Administering institution: Baker IDI.

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.

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.

Webb S, McArthur C, Berry D, Paterson D, Cheng A, Heritier S, Presneill J, Litton E. Optimisation by Platform Trial Involving Multiple Interventions with Simultaneous Evaluation in Community Acquired Pneumonia (OPTIMISE-CAP). 2016-2020: \$4,413,145. 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.

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. 2011-2016. Administering institution: Monash University.

Beeson J. 2015-2019. Administering institution: Burnet Institute.

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Buchbinder R. 2015-2019. Administering institution: Monash University.  
Cooper M. 2015-2019. Administering institution: Baker IDI.  
Crowe S. 2013-2017. Administering institution: Burnet Institute.  
Davis S. 2013-2017. Administering institution: Monash University.  
Dietze P. 2011-2016. 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.  
Guthridge M. 2014-2018. Administering institution: Monash University.  
Head G. 2011-2016. Administering institution: Baker IDI.  
Hellard M. 2016-2020. Administering institution: Burnet Institute.  
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.  
McMullen J. 2015-2019. Administering institution: Baker IDI.  
Medcalf RL. 2013-2017. Administering institution: Monash University.  
Meikle P. 2013-2017. Administering institution: Baker IDI.  
Owen N. 2011-2016. 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.  
Summers S. 2016-2020. Administering institution: Baker IDI.  
Thomas M. 2016-2020. Administering institution: Baker IDI.  
Wilkinson-Berka. 2011-2016. Administering institution: Monash University.

### **Practitioner Fellowships**

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.  
Maguire G. 2013-2017. Administering institution: Baker IDI.  
Myles P. 2013-2017. Administering institution: Monash University.

### **Career Development Fellowships**

Barker A. 2014-2017. Administering institution: Monash University.  
Cheng A. 2014-2017. Administering institution: Monash University.  
Davern P. 2016-2019. Administering institution: Baker IDI  
Enticott P. 2013-2017. 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.  
La Gerche. 2015-2018. Administering institution: Baker IDI.  
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.

## NHMRC GRANTS CURRENT IN 2016

Wang Y. 2014-2017. 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. 2012-2017. Administering institution: Baker IDI.  
Boyle M. 2014-2017. Administering institution: Burnet Institute.  
Bray J. 2014-2017. Administering institution: Monash University.  
Chamberlain C. 2015-2018. Administering institution: Baker IDI.  
Chan W. 2013-2016. Administering institution: Baker IDI.  
Chang C. 2015-2018. Administering institution: Monash University.  
Chow E. 2015-2018. Administering institution: Monash University.  
Duncan R. 2014-2017. Administering institution: Burnet Institute.  
Ekegren C. 2016-2019. Administering institution: Monash University.  
Freak-Poli R. 2013-2016. Administering institution: Monash University.  
Gibson-Helm M. 2016-2019. Administering institution: Monash University  
Hopper I. 2016-2019. 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.  
Joham A. 2016-2019. Administering institution: Monash University  
Lee S. 2016-2019. Administering institution: Monash University  
Lim K. 2013-2016. Administering institution: Baker IDI.  
Lowthian J. 2013-2016. Administering institution: Monash University.  
Marques F. 2015-2017. Administering institution: Baker IDI.  
McKenzie J. 2014-2017. Administering institution: Monash University.  
McMahon J. 2016-2019. Administering institution: Monash University  
McNamara B. 2010-2017. Administering institution: Baker IDI.  
McQuilten Z. 2016-2019. Administering institution: Monash University  
Mitra B. 2014-2017. Administering institution: Monash University.  
Page M. 2015-2018. Administering institution: Monash University.  
Pedrana A. 2014-2017. Administering institution: Burnet Institute.  
Read T. 2015-2018. Administering institution: Monash University.  
Roche M. 2014-2017. Administering institution: Monash University.  
Sacre J. 2014-2017. Administering institution: Baker IDI.  
Sands S. 2013-2016. Administering institution: Monash University.  
Senthi 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.  
Tran T. 2016-2019. Administering institution: Monash University  
Trevillyan J. 2016-2019. Administering institution: Monash University  
Weiss G. 2013-2016. Administering institution: Burnet Institute.  
Zou H. 2015-2018. Administering institution: Burnet Institute.