



Australian Government

National Health and Medical Research Council

Details of 2018 Project Grants Recommended for Funding Commencing in 2019

The Project Grant scheme is NHMRC's flagship funding program and main avenue of support for individuals and teams of researchers undertaking biomedical, clinical, public health and health services research in Australian universities, medical schools, hospitals and other research institutions.

The objective of the Project Grant scheme is to support the creation of new knowledge by funding the best investigator-initiated research project plans of between one and five years, in any area relevant to human health. The scheme also aims to provide opportunities for early career researchers (New Investigators) to gain funding for high-quality projects.

The 2018 Project Grant round for funding commencing in 2019 opened on 10 January 2018 and closed on 14 March 2018 with 3,115 applications received.

NHMRC convened 37 Grant Review Panels (GRPs), to assess applications and review proposed budgets. The Not for Further Consideration (NFFC) process reduced the number of applications reviewed at the face-to-face GRP meetings by 44.2%

Applications listed below were approved for funding by the Minister for Health, the Hon Greg Hunt MP and subsequently announced on 12 December 2018.

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1156329	CIA - Associate Professor Nigel Stepto CIB - Professor Raymond Rodgers CIC - Professor Andrew McAinch	Tissue fibrosis and exercise in Polycystic Ovary Syndrome: Linking mechanisms to therapy	Victoria University	\$990,937.40
APP1156333	CIA - Doctor Samuel Forster CIB - Doctor Samuel Costello CIC - Doctor Trevor Lawley	Characterisation of mobile antimicrobial resistance in the human gastrointestinal microbiota	Monash University	\$878,108.20
APP1156343	CIA - Doctor Wayne Crismani CIB - Doctor Andrew Deans CIC - Professor Jordi Surrallès CID - Associate Professor Kaylene Simpson	The mechanism of synthetic lethality between BRCA1/2 and Fanconi anaemia E3 ligase activity	St Vincent's Institute of Medical Research	\$773,643.80
APP1156371	CIA - Doctor Nicola Lee	Central control of energy partitioning	The Garvan Institute of Medical Research	\$692,755.00
APP1156381	CIA - Professor Herbert Herzog	Central control of diet induced thermogenesis	The Garvan Institute of Medical Research	\$782,520.00

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1156391	CIA - Professor Robert Ramsay CIB - Associate Professor Daniel Worthley CIC - Professor Alexander Heriot CID - Doctor Vignesh Narasimhan CIE - Associate Professor Jeanne Tie CIF - Doctor Susan Woods CIG - Professor Timothy Price CIH - Professor Trevor Graham CII - Professor Peter Hewett CIJ - Doctor Carla Grandori	From the Stone Age to the State of the Art – Multidimensional Precision Medicine for Peritoneal CRC	University of Melbourne	\$1,399,877.30
APP1156394	CIA - Professor Rob Herbert CIB - Professor Iona Novak CIC - Professor Caroline Rae CID - Professor David Warton CIE - Doctor Bart Bolsterlee CIF - Doctor Catherine Morgan	Muscle growth and muscle contracture in cerebral palsy	University of New South Wales	\$933,605.30
APP1156415	CIA - Associate Professor David Lynn CIB - Associate Professor Geraint Rogers CIC - Professor Helen Marshall CID - Doctor Damon Tumes	How does the microbiota modulate vaccine responses in human infants: A systems vaccinology approach	Flinders University	\$858,033.00
APP1156416	CIA - Professor Nicholas Spencer CIB - Associate Professor Hongzhen Hu	Wireless optogenetic induction of gastrointestinal transit in conscious mice	Flinders University	\$788,589.60
APP1156426	CIA - Professor Karin Thursky CIB - Professor Monica Slavin CIC - Professor Karin Verspoor CID - Associate Professor Leon Worth CIE - Associate Professor Sharon Chen CIF - Doctor Jason Trubiano CIG - Doctor Benjamin Teh CIH - Doctor Gabrielle Haeusler CII - Ms Karen Urbancic CIJ - Doctor Abby Douglas	Meeting the challenges of invasive fungal infection: antifungal stewardship and effective surveillance in high risk patient groups	University of Melbourne	\$1,518,198.70
APP1156427	CIA - Professor Nicholas Spencer CIB - Associate Professor Stuart Brierley CIC - Doctor Vladimir Zagorodnyuk CID - Doctor Andrea Harrington	Silencing visceral pain pathways using novel optogenetic techniques in vivo	Flinders University	\$922,848.00
APP1156431	CIA - Professor Ian Alexander CIB - Doctor Leszek Lisowski CIC - Professor Mavis Agbandje-McKenna	Unlocking the inherent power of adeno-associated virus vectors for liver-targeted gene therapy	University of Sydney	\$691,653.00
APP1156436	CIA - Professor Jonathan Baell CIB - Professor John Kelly	New Treatments for Chagas Disease	Monash University	\$796,801.80
APP1156440	CIA - Professor Melissa Little CIB - Doctor Sara Howden CIC - Professor Antonius Rabelink	Towards renal replacement tissue from pluripotent stem cells	Murdoch Childrens Research Institute	\$936,220.50

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1156445	CIA - Professor Kanta Subbarao CIB - Doctor Brad Gilbertson CIC - Assistant Professor Anice Lowen CID - Associate Professor Vijaykrishna Dhanasekaran	Identification of molecular factors that influence reassortment and pandemic potential of highly pathogenic avian influenza H5 viruses	University of Melbourne	\$784,418.20
APP1156446	CIA - Associate Professor Chrisan Samuel CIB - Professor Sharon Ricardo CIC - Professor Robert Widdop CID - Professor Peter Kerr	Enhancing the anti-fibrotic and regenerative capacity of bone marrow-derived stem cells	Monash University	\$799,119.50
APP1156455	CIA - Professor Jonathan Baell CIB - Professor Philip Board CIC - Associate Professor Aaron Oakley CID - Associate Professor Marco Casarotto CIE - Doctor Prashant Mujumdar	Small molecule Inhibitors of glutathione transferase omega 1-1 (GSTO1-1) for the treatment of inflammatory disease	Monash University	\$737,521.00
APP1156481	CIA - Associate Professor Roger Pocock CIB - Professor David Rubinsztein	MIR-1: A Conserved Gatekeeper of Protein Aggregation	Monash University	\$555,788.00
APP1156490	CIA - Professor Ottmar Lipp CIB - Professor Allison Waters CIC - Doctor Camilla Luck CID - Professor Michelle Craske	Strengthening the extinction of human fear	Curtin University	\$495,788.00
APP1156493	CIA - Associate Professor Brett Collins CIB - Doctor John Briggs	Retromer assembly and targeting in neurodegenerative disease	The University of Queensland	\$841,560.00
APP1156506	CIA - Professor Robert Medcalf CIB - Professor Ben Boyd CIC - Professor Geoffrey Cloud	Improving the safety and predictable efficacy of thrombolytic therapy in acute ischaemic stroke	Monash University	\$1,371,900.00
APP1156508	CIA - Professor Matthew Watt CIB - Professor Gregory Steinberg	Regulation of glycemic control by secreted modular calcium-binding protein 1	University of Melbourne	\$832,521.00
APP1156511	CIA - Professor Mark Febbraio CIB - Professor Stefan Rose-John	The designer cytokine IC7: a novel therapy for the treatment of type 2 Diabetes	The Garvan Institute of Medical Research	\$1,081,560.00
APP1156519	CIA - Doctor Vilija Jokubaitis CIB - Associate Professor Anneke van der Walt CIC - Doctor Kerstin Hellwig CID - Professor Pamela McCombe CIE - Doctor Jim Stankovich	Multiple Sclerosis: Pregnancy and Prognosis	Monash University	\$470,078.80
APP1156536	CIA - Doctor James Shine	Noradrenaline and Cognitive Dysfunction - Interrogating the Neglected Symptoms of Parkinson's disease	University of Sydney	\$404,227.78
APP1156562	CIA - Associate Professor Paul Gregorevic CIB - Professor Stephen Wilton CIC - Doctor Benjamin Parker CID - Professor Marco Sandri CIE - Doctor Roberta Sartori	Developing a novel class of therapeutics for muscle wasting and frailty	University of Melbourne	\$670,788.00

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1156567	CIA - Doctor Alexander Combes CIB - Professor Melissa Little CIC - Associate Professor Alicia Oshlack	Dissecting the regulation of nephron progenitor identity, self-renewal and commitment at a single cell level	Murdoch Childrens Research Institute	\$833,818.50
APP1156570	CIA - Doctor Mitchell Lawrence CIB - Professor Gail Risbridger CIC - Associate Professor Anthony Joshua	Giving prostate cancer enough rope with bipolar androgen therapy	Monash University	\$643,734.00
APP1156588	CIA - Doctor Jeremy Barr	Bacteriophage therapy increases antibiotic sensitivities in multiply antibiotic resistant <i>Acinetobacter baumannii</i>	Monash University	\$579,920.00
APP1156589	CIA - Professor Philip Hansbro CIB - Professor Peter Wark CIC - Professor Ian Adcock CID - Professor Matt Whiteman	Development of new therapies for COPD	The University of Newcastle	\$886,503.60
APP1156601	CIA - Professor Sharad Kumar CIB - Doctor Loretta Dorstyn	Deciphering the mechanisms of caspase-2-mediated suppression of aneuploidy and tumorigenesis	University of South Australia	\$422,127.00
APP1156622	CIA - Doctor Denovan Begg CIB - Doctor Greg Smith CIC - Professor David Grattan	Central nervous system insulin transport and bariatric surgery	University of New South Wales	\$432,127.00
APP1156623	CIA - Professor Steven Stacker	Defining the heterogeneity of signaling networks that drive remodeling of lymphatic vessels in human diseases	University of Melbourne	\$1,260,040.00
APP1156634	CIA - Doctor Kim Loh CIB - Doctor Sandra Galic CIC - Professor Bruce Kemp	The role of AMPK in suppressing liver steatosis and atherosclerosis	St Vincent's Institute of Medical Research	\$697,521.00
APP1156636	CIA - Professor Andrew Udy CIB - Professor David Cooper CIC - Professor Alistair Nichol CID - Professor Jeffrey Rosenfeld CIE - Professor David Menon CIF - Professor Michael Bailey CIG - Associate Professor Katharine Drummond CIH - Ms Alisa Higgins	Brain Oxygen Neuromonitoring In Australia And New Zealand Assessment (BONANZA) Trial	Monash University	\$2,703,830.00
APP1156641	CIA - Professor Michael Reade CIB - Associate Professor Denese Marks CIC - Associate Professor Craig French CID - Doctor Zoe McQuilten CIE - Associate Professor Laurence Weinberg CIF - Professor David Irving CIG - Associate Professor Erica Wood CIH - Professor Paul Bannon CII - Doctor Lacey Johnson CIJ - Associate Professor David Gattas	A phase III multicentre blinded randomised controlled clinical non-inferiority trial of cryopreserved platelets vs. conventional liquid-stored platelets for the management of post-surgical bleeding	Monash University	\$1,825,647.60
APP1156666	CIA - Professor Guiying Nie CIB - Professor Luk Rombauts CIC - Associate Professor Mary (Louise) Hull	The magic shield of the human uterus and fate of embryo implantation	Monash University	\$817,063.30

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1156673	CIA - Professor Robert Harvey CIB - Doctor Angelo Keramidas	Investigating NMDA receptor-mediated pathological mechanisms underlying epilepsy and associated neurological disorders	University of the Sunshine Coast	\$592,755.00
APP1156722	CIA - Associate Professor Joshua Davis CIB - Associate Professor Steven Tong CIC - Professor Stephen Locarnini CID - Doctor Jane Davies CIE - Ms Sarah Bukulatjpi CIF - Associate Professor Benjamin Cowie CIG - Doctor Josh Hanson	A novel genotype of hepatitis B virus in Indigenous Australians with an aggressive phenotype and poor vaccine efficacy: implications for clinical care and public health policy	Menzies School of Health Research	\$1,762,771.40
APP1156726	CIA - Associate Professor Louise Maple-Brown CIB - Doctor Christine Connors CIC - Ms Heather D'Antoine CID - Doctor Leisa McCarthy CIE - Professor Elizabeth Davis CIF - Doctor Brandy Wicklow CIG - Associate Professor Federica Barzi CIH - Ms Sumaria Corpus CII - Doctor Liz Moore CIJ - Professor Harold McIntyre	PANDORA (Pregnancy And Neonatal Diabetes Outcomes in Remote Australia) Generations	Menzies School of Health Research	\$2,633,447.90
APP1156727	CIA - Professor Andrew Allen CIB - Associate Professor Simon McMullan CIC - Professor Ross Bathgate CID - Doctor Clement Menuet	Respiratory modulation: Role in the development of cardiovascular diseases	University of Melbourne	\$897,551.00
APP1156732	CIA - Doctor Rajesh Ghai CIB - Doctor David Stroud	Understanding the assembly of the Commander complex	The University of Queensland	\$704,376.00
APP1156733	CIA - Associate Professor Nigel Jones	Functional disconnections in schizophrenia	Monash University	\$642,012.60
APP1156742	CIA - Doctor Andrew Stewardson CIB - Doctor Tjibbe Donker CIC - Associate Professor Andrew Wilson CID - Associate Professor Ben Cooper	Understanding Patient Movement Networks To Better Prevent Dissemination of Antimicrobial Resistance	Monash University	\$409,716.90
APP1156744	CIA - Associate Professor Peter Crack CIB - Associate Professor John Forsythe CIC - Associate Professor David Finkelstein CID - Professor Marie-Isabel Aguilar	Utilising biomaterials to harness endogenous neural stem cells for brain repair	University of Melbourne	\$797,151.20
APP1156747	CIA - Associate Professor Aleksandra Filipovska CIB - Associate Professor Oliver Rackham	The role of non-coding RNAs in prostate cancer	University of Western Australia	\$802,389.00
APP1156778	CIA - Associate Professor Oliver Sieber CIB - Professor Gavin Reid	Lipidomic hallmarks of human colon cancer: clinical and therapeutic implications	The Walter and Eliza Hall Institute of Medical Research	\$1,159,451.00

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1156781	CIA - Associate Professor Oliver Sieber CIB - Professor Patrick Tan CIC - Professor Charles Swanton	Role of MACROD2 Deficiency in DNA Repair, Mitotic Fidelity and Development of Intestinal-type Gastric Adenocarcinoma	The Walter and Eliza Hall Institute of Medical Research	\$999,319.00
APP1156809	CIA - Doctor Bridget Barber CIB - Doctor Matthew Grigg CIC - Professor Arjen Dondorp CID - Associate Professor Tsing Yeo CIE - Doctor Timothy William	Targeting acute kidney injury in knowlesi malaria	Menzies School of Health Research	\$333,081.60
APP1156889	CIA - Professor Peter Cowan CIB - Professor Wayne Hawthorne CIC - Associate Professor Mark Nottle CID - Professor Francesco Ierino	Transplantation of pig islets to treat type 1 diabetes	University of Melbourne	\$2,347,015.00
APP1156891	CIA - Doctor Samantha Burnham	Elucidating the biomarker sequence of the natural history of progression of Alzheimer's disease	Commonwealth Scientific and Industrial Research Organisation	\$270,315.00
APP1156898	CIA - Doctor Malcolm Starkey	Understanding how group 2 innate lymphoid cells in early life regulate postnatal lung development and susceptibility to chronic respiratory diseases	The University of Newcastle	\$501,022.00
APP1156940	CIA - Professor Kaarin Anstey CIB - Professor Joanne Wood CIC - Associate Professor Kim Delbaere CID - Professor Michel Bedard CIE - Associate Professor Julie Brown CIF - Doctor Kim Kiely CIG - Professor Linda Clare CIH - Doctor Thomas Lung	Driving Longer and Better: Evidence-based interventions for older drivers	University of New South Wales	\$918,549.10
APP1156942	CIA - Doctor Katie Ayers	A novel role for spliceosome dysfunction in gonadal dysgenesis and intellectual disability	Murdoch Childrens Research Institute	\$563,944.70
APP1156944	CIA - Professor Nick Di Girolamo CIB - Professor Stephanie Watson CIC - Professor Denis Wakefield	Improving Diagnostics and Therapeutics for Corneal Blindness	University of New South Wales	\$827,204.00
APP1156982	CIA - Associate Professor David Nikolic-Paterson CIB - Doctor Frank Ma	New treatments to prevent acute kidney injury in high risk patients	Monash University	\$955,024.00
APP1156997 ^a	CIA - Doctor Geoffrey De Iuliis CIB - Doctor King Yuk Chan CIC - Professor Brett Nixon CID - Professor Rodica Ramer	Utilising the male germline to define our understanding of the biological effects of radio frequency electromagnetic energy	The University of Newcastle	\$425,394.00

^a APP1156997 met the criteria for electromagnetic energy (EME) research and will be funded through the Australian Government's levy on radio communication license fees.

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1157004	CIA - Associate Professor Andreas Schibler CIB - Doctor Stuart Dalziel CIC - Associate Professor Luregn Schlapbach CID - Associate Professor Jason Acworth CIE - Associate Professor Kristen Gibbons CIF - Professor Brenda Gannon CIG - Associate Professor Simon Craig CIH - Doctor Shane George CII - Doctor Ben Gelbart CIJ - Doctor Simon Erickson	Nasal High Flow Apnoeic Oxygenation during Pediatric Emergency Intubation: A Randomised Controlled Trial	The University of Queensland	\$1,600,099.40
APP1157053	CIA - Doctor Natalie Borg CIB - Professor David Jans CIC - Doctor Kylie Wagstaff	Functional dissection of a unique DEAD-box helicase; target for antivirals	Monash University	\$657,521.00
APP1157145	CIA - Professor Graeme Jackson CIB - Doctor David Vaughan CIC - Doctor Chris Tailby CID - Professor Anne Berg	A Randomised Controlled Trial of Advanced Functional MRI for Targeted Surgery in Focal Epilepsy	Florey Institute of Neuroscience and Mental Health	\$1,368,984.70
APP1157178	CIA - Doctor Amanda Ullman CIB - Doctor Patrick Harris CIC - Associate Professor Andrew Bulmer CID - Doctor Rachel Walker CIE - Doctor Naomi Runnegar CIF - Ms Tricia Kleidon CIG - Doctor Paul Lee-Archer CIH - Doctor Ben Pearch	Peripherally inserted central catheter Innovation to reduce Infections and Clots: the PICNIC trial	Griffith University	\$706,582.60
APP1157228	CIA - Doctor Gabrielle McCallum CIB - Professor Anne Chang CIC - Doctor Robyn Marsh CID - Professor Keith Grimwood CIE - Doctor Yuejen Zhao CIF - Doctor Kim Hare CIG - Professor Peter Morris CIH - Doctor Catherine Byrnes CII - Doctor Dennis Bonney CIJ - Associate Professor Mark Chatfield	Preventing recurrent respiratory-related hospitalisations in young Indigenous children through regular azithromycin: a multi-centre randomised controlled trial	Menzies School of Health Research	\$2,785,191.90
APP1157240	CIA - Professor Ruth Ganss CIB - Associate Professor Juliana Hamzah CIC - Doctor Hooi Ee	Improving treatment options for pancreatic cancer	University of Western Australia	\$892,284.00
APP1157263	CIA - Doctor Claudia Bruedigam	Optimising the Efficacy of Imetelstat Therapy in Acute Myeloid Leukaemia	The Council of the Queensland Institute of Medical Research	\$591,732.00
APP1157281	CIA - Professor Elina Hypponen CIB - Professor Terho Lehtimäki CIC - Doctor David Llewellyn	Identifying pathways to dementia: a large scale genetic study	University of South Australia	\$447,558.50
APP1157313	CIA - Doctor Narelle Cox CIB - Professor Anne Holland	Early HomeBase pulmonary rehabilitation after hospitalisation in chronic obstructive pulmonary disease	La Trobe University	\$1,022,291.60

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1157320	CIA - Professor Leanne Delbridge CIB - Professor Margaret Brimble	Diabetic cardiomyopathy - new molecular intervention targets and a biomarker strategy	University of Melbourne	\$1,020,028.00
APP1157337	CIA - Professor Jane Gunn CIB - Doctor Susan Fletcher CIC - Professor Chee Ng CID - Professor Timothy Chen CIE - Doctor Patty (Panagiota) Chondros CIF - Professor Derelie Mangin	STOPS: A randomised trial of a STructured Online intervention to Promote and Support antidepressant de-prescribing in primary care	University of Melbourne	\$1,727,049.75
APP1157346	CIA - Professor George Patton CIB - Doctor Margarita Moreno-Betancur CIC - Professor Peter Butterworth CID - Professor Wayne Hall CIE - Doctor Rohan Borschmann CIF - Doctor Julie Moschion CIG - Doctor Paul Moran CIH - Doctor Gabrielle Campbell	Common mental and substance use disorders in a 28-year follow-up of a community cohort: identification of preventive strategies from adolescence to early midlife	Murdoch Childrens Research Institute	\$1,143,946.00
APP1157348	CIA - Doctor Melissa Call CIB - Doctor Andrew Brooks CIC - Associate Professor Matthew Call	The Structural Basis of Cytokine Receptor Triggering	The Walter and Eliza Hall Institute of Medical Research	\$667,521.00
APP1157353	CIA - Associate Professor Nigel Jones CIB - Professor Asla Pitkanen	Antidepressants in epilepsy	Monash University	\$1,023,118.70
APP1157378	CIA - Professor George Patton CIB - Professor Craig Olsson CIC - Professor John Carlin CID - Ms Elizabeth Spry CIE - Professor Louise Howard	Adolescence and the mental health of the next generation: a prospective intergenerational cohort study targeting prevention prior to pregnancy and in the perinatal period	Murdoch Childrens Research Institute	\$796,891.30
APP1157388	CIA - Doctor Sidonia Eckle	Discovery of novel, microbial antigens recognised by Mucosal Associated Invariant T cells	University of Melbourne	\$667,192.00
APP1157452	CIA - Professor Paul Dietze CIB - Doctor Marianne Jauncey CIC - Professor John Strang CID - Professor Simon Lenton CIE - Associate Professor Debra Kerr CIF - Doctor Allison Salmon CIG - Mr Paul Agius	Intranasal naloxone for the reversal of opioid overdose: A double-blinded, double-dummy controlled non-inferiority trial in Sydney's Medically Supervised Injecting Centre	Burnet Institute	\$789,978.93
APP1157506	CIA - Associate Professor Nicole Pratt CIB - Professor Elizabeth Roughead CIC - Professor Marc Suchard CID - Professor Ian Wong CIE - Doctor Lisa Kalisch Ellett CIF - Assistant Professor Ju-Young Shin CIG - Associate Professor Michael Ward CIH - Doctor Martijn Schuemie	Large scale evidence generation for the utilisation and safety of biologic medicines	University of South Australia	\$1,165,465.60

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1157529	CIA - Professor Nicholas Taylor CIB - Professor Nora Shields CIC - Doctor Paul O'Halloran CID - Associate Professor Jennifer Watts	Motivational Interviewing to increase walking in community-dwelling older adults after hip fracture	La Trobe University	\$826,846.86
APP1157539	CIA - Doctor Denise Wootten CIB - Doctor Dana Hutchinson	The physiological and pathophysiological relevance of glucagon-like-peptide-1 receptor biased agonism	Monash University	\$1,242,532.00
APP1157548	CIA - Professor Stephen Stick CIB - Professor Susan Prescott CIC - Doctor Anthony Bosco CID - Associate Professor Anthony Kicic CIE - Professor Peter Le Souef CIF - Doctor David Martino CIG - Doctor Lidija Turkovic	Vulnerable from the first breath - epithelial dysfunction and respiratory outcomes in children	University of Western Australia	\$1,942,731.70
APP1157551	CIA - Doctor Walter Fairlie CIB - Associate Professor Thomas John	Targeting Cell Death Pathways in Malignant Mesothelioma	La Trobe University	\$463,058.00
APP1157556	CIA - Doctor Boris Novakovic	Epigenetic reprogramming of monocytes by BCG vaccination	Murdoch Childrens Research Institute	\$992,798.30
APP1157566	CIA - Professor Itsu(Yi) Sen(Qian) CIB - Professor Michael Morgan CIC - Professor Ying Mao CID - Associate Professor Antonio Di Ieva CIE - Doctor Ashkan Javadzadegan	Advanced computational fluid dynamic (CFD) technology to predict cerebrovascular aneurysm haemorrhage	Macquarie University	\$724,101.60
APP1157586	CIA - Associate Professor Kathryn Holt CIB - Doctor Sebastian Duchene	A statistical framework to exploit routine pathogen genomics data for public health	University of Melbourne	\$522,521.00
APP1157607	CIA - Professor Peter Meikle CIB - Professor Rima Kaddurah-Daouk CIC - Assistant Professor Sture Eriksson CID - Doctor Sonia Shah CIE - Professor Dianna Magliano CIF - Associate Professor Mitchel Kling	A systems epidemiology approach to define metabolic and genomic determinants of Alzheimer's Disease	Baker Heart and Diabetes Institute	\$1,001,116.50
APP1157680	CIA - Doctor Kelly Walton	Defining the Physiology and Therapeutic Potential of Inhibin	Monash University	\$672,521.00
APP1157714	CIA - Professor David Evans CIB - Doctor Nicole Warrington CIC - Doctor Rachel Freathy CID - Professor Deborah Lawlor CIE - Professor George Davey Smith	Identifying maternal and fetal genetic determinants of infant birthweight and their relationship to offspring cardiometabolic risk	The University of Queensland	\$367,992.00

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1157717	CIA - Associate Professor Tomas Kalincik CIB - Professor Eva Havrdova CIC - Assistant Professor Jens Kuhle CID - Professor Tomas Olsson CIE - Professor Jan Hillert CIF - Professor Bruce Taylor CIG - Doctor Charles Malpas CIH - Professor Trevor Kilpatrick CII - Professor Michael Barnett	Biomarkers to prevent disability in multiple sclerosis	University of Melbourne	\$475,394.00
APP1157737	CIA - Professor Kieran Harvey	Examination of Hippo signalling in real time, in vivo	University of Melbourne	\$707,372.20
APP1157739	CIA - Professor Lindy Clemson CIB - Professor Catherine Dean CIC - Professor Louise Ada CID - Doctor Katharine Scrivener	Tailored intervention for reducing falls after stroke trial (FAST)	University of Sydney	\$1,828,232.40
APP1157757	CIA - Doctor Kate Chitty CIB - Doctor Jennifer Pilgrim CIC - Doctor Andrea Schaffer CID - Doctor Rose Cairns	Health service and medicine utilisation before suicide: optimising suicide prevention using population-based linkage of routinely collected data	University of Sydney	\$354,526.00
APP1157834	CIA - Associate Professor Christine Toye CIB - Associate Professor Anne-Marie Hill CIC - Professor Wendy Moyle CID - Associate Professor Rachael Moorin CIE - Professor Keith Hill CIF - Doctor Susan Slatyer CIG - Associate Professor Christina Bryant CIH - Doctor Nicholas Waldron CII - Professor Samar Aoun CIJ - Doctor Richard Parsons	Multicentre randomised controlled trial: caregiver, patient, and system outcomes from a program supporting informal caregivers of older people discharged home from hospital	Curtin University	\$1,500,380.98
APP1157835	CIA - Associate Professor Chung-Wei Christine Lin CIB - Professor Andrew McLachlan CIC - Professor Jane Latimer CID - Doctor Christina Abdel Shaheed CIE - Mr Qiang Li	Trial of glucocorticoids in acute sciatica	University of Sydney	\$1,142,038.30
APP1157977	CIA - Professor Rana Hinman CIB - Professor Trevor Russell CIC - Professor Nadine Foster CID - Doctor Jessica Kasza CIE - Professor Anthony Harris	Technology versus tradition: a non-inferiority trial comparing video to face-to-face consultations with a physiotherapist for people with knee osteoarthritis	University of Melbourne	\$1,244,128.35
APP1157988	CIA - Professor Melissa Churchill CIB - Professor Jacob Estes CIC - Doctor Thomas Angelovich	Elucidating the mechanisms driving the pathophysiology of HIV-associated neurocognitive disorders	RMIT University	\$966,653.00
APP1158002	CIA - Doctor Emma Gordon	Mechanisms to promote vascular normalisation and barrier integrity	The University of Queensland	\$477,192.00

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1158013	CIA - Professor Rebecca Ritchie CIB - Professor Michael Murphy CIC - Doctor Miles De Blasio	Therapeutic targeting to protect the diabetic heart	Baker Heart and Diabetes Institute	\$1,157,848.00
APP1158026	CIA - Doctor Lisa Kaminskas CIB - Doctor Michael Whittaker CIC - Professor Andrew Whittaker	Understanding the kinetics of nanomedicine clearance from healthy and diseased lungs	The University of Queensland	\$624,722.40
APP1158075	CIA - Doctor Paul Lawton CIB - Professor Alan Cass CIC - Ms Cecelia Preece CID - Mr Eddie Mulholland CIE - Doctor Naomi Priest CIF - Doctor Paul Snelling CIG - Doctor Cherian Sajiv CIH - Doctor Sandawana Majoni CII - Doctor Gregory Perry	Return To Country: A National Platform Study of Indigenous Dialysis Patients	Menzies School of Health Research	\$2,032,744.25
APP1158083	CIA - Doctor Tracy O'Mara CIB - Doctor Dylan Glubb	Functional investigation of ovarian and endometrial cancer genetic risk regions	The Council of the Queensland Institute of Medical Research	\$179,763.00
APP1158125	CIA - Professor Sarah Medland CIB - Assistant Professor Benjamin Neale CIC - Professor Mark Daly CID - Professor Anders Borglum CIE - Professor Barbara Franke CIF - Doctor Penelope Lind	Examining the impact of changes to diagnostic criteria on Autism Spectrum and Attention Deficit Hyperactivity Disorders	The Council of the Queensland Institute of Medical Research	\$1,523,438.00
APP1158127	CIA - Professor Sarah Medland CIB - Professor Paul Thompson	Using Statistical Genetics to Elucidate the Effects of Disease Associated Genetic Variants within the Human Brain	The Council of the Queensland Institute of Medical Research	\$956,077.50
APP1158137	CIA - Associate Professor Guillaume Lessene CIB - Associate Professor Peter Czabotar CIC - Doctor Mark van Delft	Small molecule inhibitors of the pro-apoptotic proteins BAX and BAK	The Walter and Eliza Hall Institute of Medical Research	\$812,087.00
APP1158164	CIA - Associate Professor Graham Neely CIB - Professor David Bennett CIC - Doctor John Pospisilik	Histone methyltransferases control pain perception	University of Sydney	\$980,028.00
APP1158165	CIA - Associate Professor Graham Neely CIB - Professor Josef Penninger	Defining the cellular and molecular factors that control central inhibition and neuropathic pain	University of Sydney	\$1,015,028.00
APP1158186	CIA - Associate Professor Brian Oliver CIB - Doctor Hui Chen CIC - Doctor Alen Faiz	Understanding why in-utero exposure to inhaled oxidants predispose people to develop asthma and COPD	University of Technology Sydney	\$1,043,741.50
APP1158190	CIA - Professor Grant McArthur CIB - Doctor Karen Sheppard	Inhibition of PRMT5 as a cancer therapy	University of Melbourne	\$1,527,367.50
APP1158210	CIA - Doctor Andrew Rowland CIB - Professor Michael Sorich CIC - Emeritus Professor Peter Mackenzie	ADMExosomes: A new paradigm for tracking variability in drug exposure	Flinders University	\$731,812.00
APP1158242	CIA - Doctor Kim Loh CIB - Associate Professor Helen Thomas	A novel mechanism for improving β -cell function and survival in diabetes	St Vincent's Institute of Medical Research	\$672,521.00

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1158249	CIA - Associate Professor Matthew Call CIB - Doctor Melissa Call CIC - Doctor Sarel Fleishman CID - Doctor Misty Jenkins	Re-engineering synthetic receptors for improved cancer immunotherapies	The Walter and Eliza Hall Institute of Medical Research	\$722,521.00
APP1158283	CIA - Doctor Glen Boyle	Defining heterogeneous co-operativity in melanoma invasion and metastasis	The Council of the Queensland Institute of Medical Research	\$615,488.40
APP1158296	CIA - Professor Christine Feinle-Bisset CIB - Associate Professor Leonie Heilbronn CIC - Professor Sally Poppitt CID - Professor Anette Mullertz	A novel nutrient supplement with potent appetite-suppressant and glucose-lowering effects - translating clinical research into an innovative treatment for obesity and type 2 diabetes	The University of Adelaide	\$964,187.00
APP1158335	CIA - Doctor Linda Parsons CIB - Associate Professor Coral Warr CIC - Doctor Matthew Piper CID - Professor Ross Cagan	Deciphering the role of SIK3 in development and disease	Monash University	\$623,386.00
APP1158338	CIA - Doctor David Jacques CIB - Associate Professor Till Boecking CIC - Doctor Leo James CID - Professor Greg Towers	Control of HIV Capsid Uncoating	University of New South Wales	\$605,788.00
APP1158344	CIA - Professor Lee Smith CIB - Doctor Diane Rebourcet	The Importance of Classical Versus Backdoor Androgen Production Pathways in Masculinisation, Fertility and Lifelong Male Health	The University of Newcastle	\$507,127.00
APP1158345	CIA - Associate Professor Sarah-Jane Dawson CIB - Professor Benjamin Solomon	Monitoring evolutionary trajectories in non-small cell lung cancer to improve treatment outcomes	University of Melbourne	\$985,472.00
APP1158366	CIA - Professor Sharad Kumar	Ubiquitination-regulated sodium homeostasis in kidney disease	University of South Australia	\$751,653.00
APP1158379	CIA - Professor Brigid Gillespie CIB - Doctor Rachel Walker CIC - Professor Wendy Chaboyer CID - Professor Marie Cooke CIE - Professor Jennifer Whitty	Efficacy and Effectiveness of Prophylactic fOam dressings in the prevention of saCral pressure injuries in at-risk hospitalised patients: The EEPOC Trial	Griffith University	\$1,834,110.04
APP1158384	CIA - Doctor Matthew Pase CIB - Doctor Yen Ying Lim CIC - Professor Matthew Naughton CID - Doctor Rachel Buckley	Effects of Poor Sleep on Alzheimer's Disease Pathogenesis: Extending the Glymphatic Flow Hypothesis	Florey Institute of Neuroscience and Mental Health	\$1,161,911.20
APP1158404	CIA - Associate Professor Ian Cockburn CIB - Doctor Robert Seder	Modifying the B cell response to Plasmodium to make better vaccines	Australian National University	\$963,803.60
APP1158451	CIA - Associate Professor Ulrike Kappler CIB - Professor Alastair McEwan CIC - Doctor Ama-Tawiah Essilfie	Extracellular stress defence mechanisms in non-typeable Haemophilus influenzae	The University of Queensland	\$622,643.80
APP1158460	CIA - Professor Anthony Hannan CIB - Doctor Emma Burrows CIC - Doctor Mark Walton	What Causes Attention Deficits in Autism Spectrum Disorder?	Florey Institute of Neuroscience and Mental Health	\$571,890.00

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1158494	CIA - Associate Professor Graeme Polglase CIB - Assistant Professor Georg Schmolzer CIC - Professor Martin Kluckow CID - Associate Professor Andrew Gill	Improving cardiopulmonary resuscitation of infants in the delivery room	Monash University	\$1,289,423.20
APP1158500	CIA - Professor Kay Crossley CIB - Professor Ewa Roos CIC - Doctor Adam Culvenor CID - Doctor Christian Barton CIE - Associate Professor Steven McPhail CIF - Associate Professor Edwin Oei	SUPER rehabilitation for young people with old knees	La Trobe University	\$1,413,077.60
APP1158531	CIA - Doctor Rhys Allan CIB - Professor Gordon Smyth	Organization of the genome during lineage commitment and leukemia	The Walter and Eliza Hall Institute of Medical Research	\$745,788.00
APP1158540	CIA - Doctor Kirsty Walters CIB - Professor David Handelsman CIC - Associate Professor Rebecca Campbell CID - Professor Richard Anderson CIE - Professor Robert Gilchrist CIF - Professor Vasantha Padmanabhan CIG - Doctor Denovan Begg	The pursuit to develop mechanism-based interventions for polycystic ovary syndrome (PCOS)	University of New South Wales	\$756,560.00
APP1158555	CIA - Doctor Brett Manley CIB - Doctor Camille Omar Kamlin CIC - Professor Peter Davis CID - Professor Lex Doyle CIE - Doctor Christopher McKinlay CIF - Assistant Professor Georg Schmolzer CIG - Associate Professor Susan Jacobs CIH - Associate Professor Jeanie Cheong CII - Professor Peter Dargaville CIJ - Associate Professor Susan Donath	Intratracheal budesonide mixed with surfactant to reduce bronchopulmonary dysplasia in extremely preterm infants	Murdoch Childrens Research Institute	\$2,113,820.00
APP1158608	CIA - Associate Professor Louise Purton CIB - Associate Professor Carl Walkley CIC - Doctor Gavin Tjin CID - Doctor Alistair Chalk	Identifying therapies that accelerate blood cell recovery after cancer treatments	St Vincent's Institute of Medical Research	\$882,697.70
APP1158678	CIA - Associate Professor Ana Traven	An investigation into metabolic competition between host and pathogen in infection	Monash University	\$645,788.00
APP1158687	CIA - Associate Professor Ana Traven CIB - Doctor Jiyoti Verma	Control of host-pathogen interactions and fungal virulence by short chain fatty acids	Monash University	\$625,788.00

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1158722	CIA - Associate Professor Thomas Snelling CIB - Professor Dianne Campbell CIC - Professor Michael Gold CID - Doctor Julie Marsh CIE - Associate Professor Peter Richmond CIF - Associate Professor Nicholas Wood CIG - Doctor Kirsten Perrett	Randomised controlled trial of mixed whole-cell/acellular pertussis vaccination versus acellular-only vaccination of infants	Curtin University	\$3,971,421.00
APP1158726	CIA - Professor Ross Hannan	Targeting RNA Polymerase I to treat cancer	Australian National University	\$1,165,028.00
APP1158732	CIA - Professor Ross Hannan CIB - Doctor Ameer George CIC - Professor Ulrike Kutay	Harnessing the nucleolar surveillance response to treat disease	Australian National University	\$1,056,951.20
APP1158748	CIA - Doctor Rachel Stephenson	Developing an effective glycoconjugate vaccine against Group A Streptococcus causing rheumatic fever/heart disease	The University of Queensland	\$324,914.30
APP1158750	CIA - Doctor Rosana Pacella CIB - Professor Michael Dunne CIC - Associate Professor James Scott CID - Professor David Finkelhor CIE - Professor Ben Mathews CIF - Professor Franziska Meinck CIG - Professor Daryl Higgins CIH - Doctor Holly Erskine CII - Doctor Hannah Thomas	The first national study of child maltreatment in Australia: prevalence, health outcomes, and burden of disease	Queensland University of Technology	\$2,311,217.00
APP1158758	CIA - Doctor John Kemp	Using large scale genome-wide association studies to identify pharmacological targets for osteoporosis intervention	The University of Queensland	\$270,906.00
APP1158841	CIA - Professor John Wade CIB - Professor Neil O'Brien-Simpson CIC - Professor Frances Separovic	Proline-rich host defense peptide analogues as new antibiotics against MDR bacteria	Florey Institute of Neuroscience and Mental Health	\$610,788.00
APP1158844	CIA - Doctor David Croucher CIB - Professor Walter Kolch	Complex epistasis between JNK and PI3K pathway mutations in breast cancer	The Garvan Institute of Medical Research	\$686,653.00
APP1158863	CIA - Doctor Mohammad Haskali	Development of Innovative Foldamers for the Peptide Receptor Radionuclide Therapy of Tumours Overexpressing Cholecystokinin-2 Receptors	University of Melbourne	\$614,077.00
APP1158912	CIA - Professor David Grayden CIB - Doctor Sam John CIC - Doctor Nicholas Opie CID - Doctor Thomas Oxley CIE - Doctor Dean Freestone	Minimally Invasive Endovascular Neural Stimulation	University of Melbourne	\$697,802.20
APP1158951	CIA - Associate Professor John Stambas CIB - Professor Ralph Tripp CIC - Professor Suneel Apte	The role of extracellular matrix enzymes in influenza virus infection	Deakin University	\$502,127.00

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1158952	CIA - Professor Joel Bornstein CIB - Associate Professor Tor Savidge CIC - Associate Professor Kulmira Nurgali	Role of the enteric nervous system in antibiotic associated diarrhoea	University of Melbourne	\$871,416.00
APP1158997	CIA - Doctor Renjing Liu CIB - Professor Dianna Milewicz CIC - Professor Richmond Jeremy CID - Professor Paul Bannon	Targeting Tet2 to treat thoracic aortic aneurysms	Centenary Institute of Cancer Medicine and Cell Biology	\$1,146,876.00
APP1158998	CIA - Doctor Renjing Liu CIB - Doctor Justin Wong	Deciphering the role of TET2-HDAC4 in the regulation of vascular smooth muscle plasticity	Centenary Institute of Cancer Medicine and Cell Biology	\$681,890.00
APP1159002	CIA - Doctor Sarah Best	Exploiting metabolic vulnerabilities in the detection and treatment of lung cancer	The Walter and Eliza Hall Institute of Medical Research	\$591,653.00
APP1159006	CIA - Doctor Yi-Lynn Liang CIB - Professor Debbie Hay	A structural understanding of calcitonin gene-related peptide and adrenomedullin function	Monash University	\$1,162,535.00
APP1159032	CIA - Professor Andrew Lawrence CIB - Doctor Erin Campbell	How stress regulates alcohol-seeking	Florey Institute of Neuroscience and Mental Health	\$772,521.00
APP1159045	CIA - Doctor Michelle Hall CIB - Doctor Fiona Dobson CIC - Doctor Kim Allison	Strengthening exercise or combined strengthening and aerobic exercise for hip osteoarthritis: a randomised clinical trial	University of Melbourne	\$868,235.10
APP1159051	CIA - Associate Professor Rachael Morton CIB - Professor Stephen McDonald CIC - Professor Matthew Jose CID - Mr Chris Brown CIE - Doctor Liliana Laranjo CIF - Professor Paul Bennett CIG - Professor Suetonia Palmer CIH - Doctor Fergus Caskey CII - Doctor Cecile Couchoud	Can Symptom monitoring With Feedback to clinicians improve the lives of people on dialysis? (SWIFT)	University of Sydney	\$1,732,011.00
APP1159055	CIA - Professor Sharon Naismith CIB - Professor Michael O'Sullivan CIC - Professor Catharina Klijn CID - Professor Rustam Al-Shahi Salman CIE - Doctor Xia Wang CIF - Professor Michael Barnett CIG - Doctor Cheryl Carcel CIH - Mr Zien Zhou	Triple therapy prevention of Recurrent Intracerebral Disease EveNts Trial (TRIDENT) – Cognitive sub-study	University of Sydney	\$1,416,383.20
APP1159106	CIA - Doctor Lin Luo CIB - Professor Jennifer Stow	A macrophage transmembrane adaptor: scaffolding and regulation in inflammation	The University of Queensland	\$640,788.00

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1159151	CIA - Doctor Sant-Rayn Pasricha CIB - Associate Professor Aaron Jex CIC - Professor Beverley-Ann Biggs CID - Professor Tahmeed Ahmed CIE - Miss Sabine Braat CIF - Professor Michael Zimmerman CIG - Professor Kamija Phiri CIH - Doctor Jena Hamadani	Effect of universal iron interventions on intestinal health in young children: A sub-study of RCTs in Bangladesh and Malawi	The Walter and Eliza Hall Institute of Medical Research	\$1,495,195.50
APP1159171	CIA - Doctor Sant-Rayn Pasricha CIB - Associate Professor Jim Hughes	The Iron Clock: Epigenetic regulation of circadian iron homeostasis	The Walter and Eliza Hall Institute of Medical Research	\$666,109.60
APP1159202	CIA - Professor Jane Hall CIB - Professor Meera Agar CIC - Professor Deborah Street CID - Ms Patricia Kenny CIE - Professor Jane Phillips	Community preferences for care at the end of life	University of Technology Sydney	\$516,397.45
APP1159262	CIA - Doctor Helen Dixon CIB - Associate Professor Kerry O'Brien CIC - Professor Simone Pettigrew CID - Associate Professor Jeff Niederdeppe CIE - Doctor Brian Vandenberg	Countering the influence of alcohol sport sponsorship: a media intervention	Cancer Council Victoria	\$412,417.80
APP1159265	CIA - Associate Professor Clare Parish CIB - Associate Professor David Nisbet	Utilizing Biomaterials to Improve the Differentiation & Integration of Human Stem Cell-Derived Neural Grafts in Parkinson's Disease	Florey Institute of Neuroscience and Mental Health	\$806,494.60
APP1159278	CIA - Professor Peter Currie CIB - Professor Graham Lieschke	Defining the molecular basis of macrophage-mediated muscle stem cell activation	Monash University	\$989,384.00
APP1159338	CIA - Professor Jodie Dodd CIB - Doctor Alexia Pena CIC - Doctor Danielle Schoenaker CID - Associate Professor Lynne Giles CIE - Associate Professor Cathrine Hoyo CIF - Professor Julie Owens	The First 1,000 Days: in-utero and early life exposures and their contribution to child obesity	The University of Adelaide	\$2,426,050.80
APP1159361	CIA - Doctor Poh Yi Gan CIB - Professor Stephen Holdsworth	Immunomodulatory Mast Cells as Therapeutic Agents in Chronic Autoimmune and Acute Inflammatory Kidney Disease	Monash University	\$631,653.00
APP1159384	CIA - Doctor Maggy Lord CIB - Associate Professor Michael Edstein CIC - Doctor Marina Chavchich CID - Doctor Geoff Birrell CIE - Doctor Anton Lord	Development of instantaneous ultra-sensitive diagnostic tool to guide malaria elimination	The University of Queensland	\$261,418.00

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1159460	CIA - Professor Karin Jandeleit-Dahm CIB - Doctor Phillip Kantharidis CIC - Professor Catherine Godson	Lipoxins protect against diabetes associated atherosclerosis	Monash University	\$936,759.20
APP1159461	CIA - Doctor Partha Pratim Das	Dissecting TAF5L and TAF6L functions in embryonic stem cells, reprogramming and neurodevelopment	Monash University	\$691,653.00
APP1159579	CIA - Doctor Cornelia Landersdorfer CIB - Associate Professor Antonio Oliver CIC - Doctor Marina Harper CID - Professor Roger Nation	Overcoming multidrug-resistant hypermutable Pseudomonas aeruginosa via antibiotic combinations	Monash University	\$766,584.64
APP1159585	CIA - Doctor Fiona Brownfoot CIB - Doctor Erik Schartner	Developing a novel device to accurately assess fetal distress in labour	University of Melbourne	\$477,034.00
APP1159593	CIA - Doctor Kyohei Nakamura	Uncovering the molecular mechanisms of myeloma-associated inflammation and immunosuppression	The Council of the Queensland Institute of Medical Research	\$519,920.00
APP1159594	CIA - Associate Professor Aleksandra Filipovska CIB - Associate Professor Oliver Rackham	An integrated omics approach to discover key mediators of tissue specificity in disease	University of Western Australia	\$615,591.00
APP1159616	CIA - Doctor Yogavijayan Kandasamy CIB - Professor Roger Smith CIC - Emeritus Professor Eugenie Lumbers CID - Professor Ian Wright CIE - Doctor Donna Rudd	The Relationship between Maternal Health and Infant Renal Development and Function	The University of Newcastle	\$1,552,841.60
APP1159643	CIA - Associate Professor Vicki Whitehall CIB - Doctor Ann-Marie Patch	New Strategies for Treating Aggressive BRAF Mutant Colorectal Cancer	The Council of the Queensland Institute of Medical Research	\$973,990.00
APP1159648	CIA - Doctor Adele Lehane CIB - Professor Kiaran Kirk	Understanding high-level resistance to antimalarial PfATP4 inhibitors	Australian National University	\$321,180.00
APP1159658	CIA - Associate Professor Sammy Bedoui CIB - Associate Professor Marco Herold	Understanding and exploiting how different cell death pathways control intracellular infections	University of Melbourne	\$976,560.00
APP1159674	CIA - Doctor Vanessa Cropley CIB - Associate Professor Andrew Zalesky	The complement cascade, cortical thinning and the development of psychosis	University of Melbourne	\$572,181.60
APP1159677	CIA - Professor Caroline Gargett CIB - Doctor Shayanti Mukherjee CIC - Professor Jan Brosens CID - Professor Jerome Werkmeister CIE - Associate Professor Anna Rosamilia	Cells and Nanobiomaterials to Treat and Prevent Pelvic Organ Prolapse	Monash University	\$1,397,337.00
APP1159713	CIA - Professor Paul Hertzog CIB - Professor Jean-Laurent Casanova	Unravelling the role of type I Interferon family in human infectious and inflammatory diseases	Monash University	\$1,195,066.00

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1159721	CIA - Doctor Francine Marques CIB - Professor David Kaye	High blood pressure and gut microbiota: mechanisms and therapeutic potential	Baker Heart and Diabetes Institute	\$806,472.80
APP1159744	CIA - Professor Amanda Page CIB - Professor Gary Wittert	TRiPing oVer appetite regulation in the stomach.	The University of Adelaide	\$985,724.80
APP1159749	CIA - Doctor Keisuke Horikawa	Oncogenic signalling crosstalk between MYD88 and CD79B mutations	Australian National University	\$848,386.00
APP1159752	CIA - Doctor Bart Eijkelkamp CIB - Doctor Amy Cain	A molecular balancing act: understanding metal ion homeostasis in <i>A. baumannii</i> during infection	The University of Adelaide	\$642,521.00
APP1159762	CIA - Associate Professor Maxine Bonham CIB - Associate Professor Siobhan Banks CIC - Doctor Catherine Huggins CID - Associate Professor Alison Coates CIE - Associate Professor Jillian Dorrian CIF - Doctor Nicole Kellow CIG - Doctor Tracey Sletten	Shifting Weight using Intermittent Fasting (the SWIFT study): A novel weight loss intervention in shift workers with obesity	Monash University	\$1,413,032.80
APP1159769	CIA - Professor Colleen Loo CIB - Doctor Donel Martin CIC - Professor Paul Fitzgerald CID - Associate Professor Socrates Dokos CIE - Mr Dusan Hadzi-Pavlovic CIF - Professor Mark George CIG - Doctor Siwei Bai CIH - Doctor Tjeerd Boonstra CII - Professor Harold Sackeim	A randomised controlled trial of Focal Electrically Administered Seizure Therapy (FEAST) in patients with severe depression	University of New South Wales	\$2,616,498.82
APP1159783	CIA - Professor Linda Richards CIB - Professor Geoffrey Goodhill CIC - Doctor Rodrigo Suarez	Role of spontaneous activity in the formation of functional cortical circuits in vivo	The University of Queensland	\$528,990.00
APP1159787	CIA - Professor Dickon Hayne CIB - Professor Martin Stockler CIC - Professor Mark Frydenberg CID - Associate Professor Andrew Martin CIE - Professor Shomik Sengupta CIF - Professor Manish Patel CIG - Associate Professor Jeremy Grummet CIH - Doctor Laurence Krieger CII - Doctor Stephen McCombie	BCG+MM Trial: Adding mitomycin to BCG as adjuvant intravesical therapy for high-risk, non-muscle-invasive bladder cancer: a 2-stage, randomised phase 3 trial	University of Sydney	\$1,587,163.80
APP1159795	CIA - Associate Professor Ian Trounce CIB - Professor Jonathan Crowston CIC - Professor Douglas Wallace	Redefining glaucoma as a mitochondrial optic neuropathy	Centre for Eye Research Australia Limited	\$758,722.20
APP1159901	CIA - Doctor Adrian Achuthan	Rebalancing the levels of CCL17 and CCL22 to improve rheumatoid arthritis	University of Melbourne	\$651,653.00

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1159902	CIA - Doctor Amy McCart Reed	Lobular Breast Cancer - can we identify the patients likely to have a poor prognosis?	The University of Queensland	\$397,127.00
APP1159925	CIA - Professor Annemarie Hennessy CIB - Professor Angela Makris CIC - Professor Ananth Karumanchi	siRNA in preeclampsia: reversal of early onset preeclampsia with novel treatment of the placenta	Western Sydney University	\$1,922,127.00
APP1159932	CIA - Doctor Jerome Le Nours CIB - Doctor Nicholas Gherardin	Investigating diversity within the MRI-restricted T cell repertoire in humans	Monash University	\$884,384.00
APP1159953	CIA - Doctor Andrea Phillipou	Establishing a biomarker for anorexia nervosa	Swinburne University of Technology	\$662,362.00
APP1159955	CIA - Doctor Kate Sutherland CIB - Associate Professor Nicholas Huntington CIC - Associate Professor Daniel Steinfort	Harnessing the innate immune response to treat small cell lung cancer	The Walter and Eliza Hall Institute of Medical Research	\$1,056,826.00
APP1159959	CIA - Doctor Kirsty Short CIB - Doctor Linda Gallo	The role of glycaemic variability in influenza virus pathogenesis and immunity	The University of Queensland	\$551,324.96
APP1160011	CIA - Associate Professor David Parsons CIB - Doctor Martin Donnelley CIC - Doctor Kaye Morgan CID - Professor Richard Boucher CIE - Doctor Timothy Kuchel	Translating cystic fibrosis gene-addition therapy for use in human lungs: Demonstrating efficacy, safety and scalability	The University of Adelaide	\$861,345.40
APP1160022	CIA - Associate Professor Paul Timpson CIB - Doctor Jennifer Morton CIC - Associate Professor Ying Xiao Wang	Tailored priming of pancreatic cancer progression and metastatic targeting using KD025, a phase II (ROCK2) inhibitor: fine-tuning treatment via single cell intravital imaging	The Garvan Institute of Medical Research	\$892,362.00
APP1160025	CIA - Associate Professor Helena Richardson CIB - Professor Patrick Humbert CIC - Associate Professor Alexey Veraksa	Regulation of cell signalling and tumourigenesis by Lgl	La Trobe University	\$789,984.60
APP1160042	CIA - Doctor Wai-Hong Tham CIB - Professor Christopher King CIC - Doctor Benoit Witkowski	Identification of novel host-pathogen interactions in malaria parasite invasion	The Walter and Eliza Hall Institute of Medical Research	\$702,521.00
APP1160043	CIA - Doctor Garron Dodd	Insulin on the Brain: Determining how insulin signalling in the brain coordinates glucose homeostasis	Monash University	\$747,518.00
APP1160046	CIA - Doctor Pengfei Cai	Developing optimal diagnostic tools for schistosomiasis: the public health implications for control and elimination	The Council of the Queensland Institute of Medical Research	\$505,189.50
APP1160065	CIA - Doctor Romana Stark	How does the brain sense low glucose levels and switch on corrective actions?	Monash University	\$570,887.70
APP1160106	CIA - Professor Justin St. John	Understanding how mitochondrial DNA contributes to embryo development	Monash University	\$669,790.00

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1160110	CIA - Professor John Pimanda CIB - Professor Marella de Bruijn CIC - Professor Bertie Gottgens CID - Professor Georges Lacaud CIE - Associate Professor Oleg Igoshin CIF - Associate Professor Jason Wong	Investigating Transcriptional Determinants of Embryonic Haematopoiesis	University of New South Wales	\$618,190.50
APP1160159	CIA - Doctor Wai-Hong Tham CIB - Professor Christopher King	Isolation of broadly neutralizing human antibodies against Plasmodium falciparum	The Walter and Eliza Hall Institute of Medical Research	\$672,521.00
APP1160191	CIA - Professor Bernhard Riedel CIB - Professor David Story CIC - Professor Alexander Heriot CID - Associate Professor Gavin Wright CIE - Miss Sabine Braat CIF - Professor Daniel Sessler CIG - Professor Donal Buggy CIH - Doctor An Tran-Duy CII - Doctor Jonathan Hiller	Volatile Anaesthesia and Perioperative Outcomes Related to Cancer (VAPOR-C Trial)	University of Melbourne	\$4,880,484.10
APP1160245	CIA - Professor Billie Bonevski CIB - Professor Amanda Baker CIC - Doctor Victoria Manning CID - Associate Professor Coral Gartner CIE - Associate Professor Natalie Walker CIF - Doctor Catherine Segan CIG - Professor Christopher Bullen CIH - Doctor Christopher Oldmeadow CII - Professor Linda Bauld CIJ - Professor Adrian Dunlop	A trial of vaporised nicotine products for smoking cessation following discharge from drug and alcohol residential withdrawal services	The University of Newcastle	\$1,833,513.20
APP1160256	CIA - Associate Professor Enzo Porrello CIB - Doctor James Hudson	Reprogramming adult cardiomyocytes to a neonatal proliferative state for heart regeneration	Murdoch Childrens Research Institute	\$887,521.00
APP1160257	CIA - Associate Professor Enzo Porrello CIB - Professor Igor Konstantinov CIC - Doctor David Elliott	Understanding the regenerative potential of the human heart in development and disease	Murdoch Childrens Research Institute	\$941,718.00
APP1160283	CIA - Professor Brian Oldenburg CIB - Professor Kavumpurathu Thankappan CIC - Associate Professor Robyn Tapp CID - Professor Ajay Mahal CIE - Assistant Professor Jeemon Panniyammakal CIF - Doctor Sathish Thirunavukkarasu CIG - Professor Edwin Fisher CIH - Doctor Nitin Kapoor	The long-term effectiveness of a peer-led lifestyle intervention program on diabetes progression and cardiovascular risk: the Kerala Diabetes Prevention Program in India	University of Melbourne	\$831,046.45

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1160315	CIA - Doctor Michael Lazarou CIB - Professor Richard Youle	Understanding how mitochondrial quality control pathways cooperate to maintain mitochondrial health	Monash University	\$692,599.00
APP1160323	CIA - Doctor Janina Tirnitz-Parker CIB - Professor Grant Ramm CIC - Professor John Olynyk CID - Professor Stuart Forbes	Targeting the TWEAK/Fn14 signalling pathway as a novel therapeutic strategy to prevent chronic liver disease progression	Curtin University	\$997,485.80
APP1160373	CIA - Doctor Ruth Peters CIB - Doctor Phillip Tully	Life-course blood pressure and cognition study (LCBP-COG)	University of New South Wales	\$312,032.10
APP1160379	CIA - Doctor Manisha Pandey CIB - Doctor Simone Reynolds	Enhancing vaccine immunity: modelling with Streptococcus	Griffith University	\$816,272.00
APP1160385	CIA - Professor Janette Vardy CIB - Doctor Haryana Dhillon CIC - Professor Kerry Courneya CID - Professor Chris Booth CIE - Doctor Chris O'Callaghan CIF - Professor John Zalberg CIG - Doctor Matthew Burge	CHALLENGE: Colon Health And Life Long Exercise ChaNGE	University of Sydney	\$1,121,891.30
APP1160393	CIA - Associate Professor Suzanne Miller CIB - Professor Graham Jenkin CIC - Doctor Atul Malhotra CID - Doctor Beth Allison	Optimising neurodevelopmental outcomes for fetal growth restriction	Monash University	\$1,256,311.60
APP1160399	CIA - Professor Cynthia Shannon Weickert CIB - Doctor Tertia Purves-Tyson CIC - Professor Urs Meyer CID - Professor Simon Killcross	Role of neuroinflammation and neurotransmitter systems in the improved cognition induced by estrogen receptor modulation	University of New South Wales	\$712,518.00
APP1160412	CIA - Doctor Asheeta Prasad	Neurobiological mechanism of deep brain stimulation in the treatment of Parkinson's disease	University of New South Wales	\$507,979.00
APP1160428	CIA - Professor Josephine Forbes CIB - Professor Kim Donaghue	Preventing progression of diabetic kidney disease by targeting mitochondrial function	The University of Queensland	\$878,595.00
APP1160443	CIA - Doctor Erin Symonds CIB - Professor Graeme Young CIC - Professor Carlene Wilson CID - Professor Robert Fraser CIE - Associate Professor Peter Bampton CIF - Professor Ernst Kuipers	FIT for purpose: personalised surveillance colonoscopy for people at increased risk of colorectal cancer	Flinders University	\$880,237.60
APP1160466	CIA - Doctor Kazu Kikuchi	Induction of myocardial proliferation and regeneration in adult hearts	University of New South Wales	\$930,028.00
APP1160472	CIA - Doctor Susannah Tye	Circuit, cellular and synaptic mechanisms of nucleus accumbens deep brain stimulation	The University of Queensland	\$642,948.60

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1160492	CIA - Associate Professor Leila Cuttle CIB - Professor Fiona Wood CIC - Professor Roy Kimble CID - Associate Professor Mark Fear CIE - Professor Andrew Holland CIF - Doctor Tony Parker	The use of biomarkers in children to predict healing potential and optimise burn wound care	Queensland University of Technology	\$1,224,150.00
APP1160570	CIA - Professor Bostjan Kobe CIB - Associate Professor Katryn Stacey CIC - Associate Professor Mehdi Mobli CID - Doctor Thomas Ve	Molecular basis and inhibition of TIR-domain function in Toll-like receptor and neuronal cell-death pathways	The University of Queensland	\$772,521.00
APP1160578	CIA - Professor Graham Hall CIB - Doctor Carlos Milla CIC - Doctor Andrew Wilson CID - Doctor Mymy Buu CIE - Associate Professor Jenny Downs	Developing sensitive endpoints for respiratory disease progression in children and young people with neuromuscular disease	Curtin University	\$1,600,448.40
APP1160613	CIA - Professor Stewart Trost CIB - Doctor Kerry-Ann O'Grady CIC - Associate Professor Ian Masters CID - Doctor Christopher Drovandi CIE - Doctor Vikas Goyal	Short and long-term effects of therapeutic exercise in children with bronchiectasis: a multi-centre randomised controlled trial	Queensland University of Technology	\$1,169,556.50
APP1160617	CIA - Associate Professor Tim Thomas	Unique and shared functions of KAT6A and KAT6B	The Walter and Eliza Hall Institute of Medical Research	\$887,490.05
APP1160618	CIA - Associate Professor Tim Thomas	Acquisition of long-term self-renewal by hematopoietic progenitors	The Walter and Eliza Hall Institute of Medical Research	\$823,211.80
APP1160691	CIA - Professor Melinda Fitzgerald CIB - Professor Karl Herrup CIC - Doctor Kaylene Young	Defining the unifying mechanisms of oxidative damage to oligodendrocyte DNA in neurotrauma, neurodegenerative and demyelinating disease	Curtin University	\$1,245,138.40
APP1160705	CIA - Doctor Darren Creek CIB - Associate Professor Freya Fowkes	Host and pathogen contributors to artemisinin resistance	Monash University	\$890,314.00
APP1160711	CIA - Professor Susan Walker CIB - Doctor Tu'uhevaha Kaitu'u-Lino	Using Biomarkers and Ultrasound in late pregnancy to Minimise Preventable Stillbirth: the BUMP's study	University of Melbourne	\$1,233,861.80
APP1160721	CIA - Professor Rebecca Guy CIB - Professor Juliet Richters CIC - Doctor Richard de Visser CID - Professor Andrew Grulich CIE - Professor Jane Hocking CIF - Doctor Kevin McGeechan CIG - Doctor Praveena Gunaratnam CIH - Doctor Denton Callander CII - Professor Chris Rissel	The Third Australian Study of Health and Relationships (ASHR3): a nationally representative sexual health survey	University of New South Wales	\$2,251,192.30

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1160745	CIA - Professor Benjamin Howden CIB - Professor Tim Stinear CIC - Associate Professor Torsten Seemann CID - Doctor Glen Carter	Understanding the mechanisms of gastrointestinal colonisation with vancomycin-resistant Enterococcus faecium (VRE)	University of Melbourne	\$829,220.20
APP1160774	CIA - Professor Graeme Zosky CIB - Doctor Kaye Morgan CIC - Doctor Stephen Dubsky	The link between regional lung stretch and distal organ injury in response to mechanical ventilation	University of Tasmania	\$732,607.05
APP1160815	CIA - Doctor Levin Kuhlmann CIB - Professor Mark Cook CIC - Doctor Dean Freestone CID - Professor Anthony Burkitt CIE - Associate Professor Wendyl D'Souza	Personalised Seizure Prediction	University of Melbourne	\$387,192.00
APP1160823	CIA - Associate Professor Timothy Bredy	Toward a deeper understanding of new DNA modifications in fear-related learning	The University of Queensland	\$666,876.00
APP1160830	CIA - Professor Stephen Nutt	Understanding plasma cell diversity	The Walter and Eliza Hall Institute of Medical Research	\$760,788.00
APP1160838	CIA - Doctor Gregory Moseley CIB - Doctor Cameron Stewart	Viral hijacking of the nucleolar DNA damage response machinery: novel mechanisms to regulate host cell biology	Monash University	\$654,920.00
APP1160855	CIA - Professor Sean Grimmond CIB - Associate Professor Oliver Hofmann CIC - Doctor Luciano Martelotto	Dissecting the mutational landscapes and cellular ecosystems of pancreatic cancer	University of Melbourne	\$854,384.00
APP1160891	CIA - Professor Allison Waters CIB - Professor Melanie Zimmer-Gembeck CIC - Professor Michelle Craske CID - Doctor Daniel Pine CIE - Associate Professor Lara Farrell CIF - Associate Professor Caroline Donovan CIG - Emeritus Professor Susan Spence CIH - Associate Professor Martin Downes	Improving access to treatment for children with anxiety disorders: A randomised controlled non-inferiority trial of positive search training	Griffith University	\$841,144.10
APP1160893	CIA - Professor Melanie Bahlo CIB - Professor Angela Morgan CIC - Professor Simon Fisher CID - Professor Sheena Reilly CIE - Doctor Victoria Jackson	Finding the first genomic loci for stuttering	The Walter and Eliza Hall Institute of Medical Research	\$928,990.00
APP1160968	CIA - Doctor Zaklina Kovacevic	Inhibiting the oncogenic cross-talk between cancer cells and surrounding stroma by targeting the metastasis suppressor NDRG1 in pancreatic cancer	University of Sydney	\$199,684.00
APP1161029	CIA - Doctor Kirsty Short CIB - Doctor Alice McGovern	Neuro-immune cross talk in influenza virus pathogenesis	The University of Queensland	\$556,431.20

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1161066	CIA - Associate Professor Alyssa Barry CIB - Doctor Shannon Harrison CIC - Professor Takafumi Tsuboi	Genetic determinants of antigenic escape in malaria parasites	The Walter and Eliza Hall Institute of Medical Research	\$1,108,761.20
APP1161079	CIA - Professor Claire Roberts CIB - Professor Gustaaf Dekker CIC - Doctor Shao Zhou CID - Professor Anthony Perkins CIE - Doctor Jessica Grieger CIF - Doctor Shalem Leemaqz	Targeting micronutrients to tackle pregnancy disorders: an integrated approach	The University of Adelaide	\$967,481.20
APP1161101	CIA - Doctor Justine Mintern	MARCH ubiquitin ligases in immunity and infection	University of Melbourne	\$574,920.00
APP1161108	CIA - Doctor Thomas Oxley CIB - Doctor Andrew Morokoff CIC - Doctor Nicholas Opie	Stentrodine with thought controlled digital switch: A first in human early feasibility study of the stentrodine in participants with loss of motor function due to paralysis	University of Melbourne	\$755,528.40
APP1161111	CIA - Associate Professor Anne Voss	Investigating a tumour suppressor in haematopoiesis and lymphoblastic leukaemia	The Walter and Eliza Hall Institute of Medical Research	\$766,629.06
APP1161133	CIA - Professor Jurgen Gotz CIB - Doctor Juan Carlos Polanco	Unravelling how exosomes induce and propagate tau pathology	The University of Queensland	\$827,521.00
APP1161161	CIA - Doctor Jai Tree CIB - Professor Marc Wilkins	New pathways for controlling Shiga toxin expression and virulence in enterohaemorrhagic E. coli	University of New South Wales	\$542,389.00
APP1161190	CIA - Associate Professor Freya Fowkes CIB - Professor Julie Simpson CIC - Professor Francois Nosten	Malaria Immunity and the Elimination of Malaria and Drug Resistance	Burnet Institute	\$580,476.80
APP1161198	CIA - Professor David Bowtell CIB - Doctor Elizabeth Christie	Molecular and spatial characterization of drug resistance in human ovarian cancer	University of Melbourne	\$1,137,742.00
APP1161200	CIA - Professor Bob Graham CIB - Doctor Eleni Giannoulatou CIC - Associate Professor Jason Kovacic CID - Doctor Ashish Mehta	Elucidating the genetics and biology of spontaneous coronary artery dissection (SCAD): a life-threatening heart disease of women	University of New South Wales	\$1,368,736.00
APP1161262	CIA - Associate Professor Janni Petersen CIB - Associate Professor Jon Oakhill	Novel feedback inhibition of AMPK by mTORC1 controls cell proliferation under stress	Flinders University	\$625,788.00
APP1161304	CIA - Associate Professor Jeanie Cheong CIB - Professor Peter Anderson CIC - Associate Professor Deanne Thompson CID - Professor Sarath Ranganathan CIE - Associate Professor Alicia Spittle CIF - Professor Lex Doyle CIG - Doctor Ross Clark CIH - Doctor Alice Burnett	Long-term impact of moderate and late preterm birth: effects on neurodevelopment, brain development and respiratory health at school age	Murdoch Childrens Research Institute	\$1,467,294.40

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1161316	CIA - Professor Andrew Lawrence CIB - Doctor Christina Perry	Alcohol and cognitive decline	Florey Institute of Neuroscience and Mental Health	\$821,495.00
APP1161319	CIA - Doctor Andrew Kassianos CIB - Associate Professor Helen Healy	Developing therapeutic approaches targeting human unconventional T lymphocytes for the treatment of chronic kidney disease	Royal Brisbane and Women's Hospital Foundation	\$557,127.00
APP1161336	CIA - Associate Professor Joan Heath CIB - Associate Professor Ian Street	Minor class splicing: A therapeutic target for pancreatic cancer?	The Walter and Eliza Hall Institute of Medical Research	\$710,788.00
APP1161368	CIA - Doctor Nick Scott CIB - Professor Michael Toole CIC - Doctor Christopher Morgan	Improving maternal and child nutrition and health in Papua New Guinea through multi-sectoral resource optimisation	Burnet Institute	\$433,016.55
APP1161407	CIA - Associate Professor James Scott CIB - Doctor Stefan Blum CIC - Associate Professor Belinda Lennox CID - Associate Professor Judith Greer CIE - Doctor Brian O'Donoghue CIF - Doctor Michael Benros CIG - Associate Professor Dan Siskind CIH - Doctor Shuichi Suetani	Identifying and treating patients with psychosis who are positive to anti-neuronal antibodies	The University of Queensland	\$810,745.40
APP1161418	CIA - Professor Margaret Morris CIB - Professor Reginald Westbrook	Ameliorating the impact of an obesogenic maternal diet on the mental health of offspring	University of New South Wales	\$794,583.20
APP1161439	CIA - Doctor Sandeep Gopal	Controlling Stem Cell Development Through Calcium-Mediated Transcription	Monash University	\$542,521.00
APP1161445	CIA - Professor Susan Rachel Skinner CIB - Doctor Jennifer Marino CIC - Doctor Sharyn Lymer CID - Professor Dorota Doherty CIE - Professor Katharine Steinbeck CIF - Professor Leon Straker CIG - Associate Professor Melissa Kang CIH - Doctor Robert Tait	The health, social and economic implications of risk-taking in adolescence over the life-course: a data linkage study of the Raine cohort	University of Sydney	\$1,061,014.90
APP1161466	CIA - Doctor Mary Tolcos CIB - Professor David Walker	Improving neurodevelopmental outcomes following fetal growth restriction	RMIT University	\$915,026.00

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1161502	CIA - Professor Paul Komesaroff CIB - Professor Jennifer Philip CIC - Professor Ian Kerridge CID - Professor Lynn Gillam CIE - Professor Cameron Stewart CIF - Professor Peter Hudson CIG - Associate Professor Alex Holmes CIH - Professor Ian Olver CII - Professor Ben White CIJ - Doctor Sophie Lewis	A new direction in end of life care? Assessing the impact and outcomes of the Victorian Voluntary Assisted Dying Act	Monash University	\$1,210,399.80
APP1161503	CIA - Professor Sophia Zoungas CIB - Professor John McNeil CIC - Professor Andrew Tonkin CID - Professor Rory Wolfe CIE - Professor Mark Nelson CIF - Professor Christopher Reid CIG - Professor Neil Poulter CIH - Doctor Nathalie van der Velde CII - Professor Ralph Stewart	Statins in Reducing Events in the Elderly trial	Monash University	\$5,815,766.20
APP1161549	CIA - Associate Professor Paul Lockhart CIB - Associate Professor Richard Leventer CIC - Professor Stephen Robertson CID - Doctor Anthony Harvey	Understanding the molecular basis of disorders of cortical development to inform diagnosis and management	Murdoch Childrens Research Institute	\$1,199,685.50
APP1161554	CIA - Professor Stephen Alexander CIB - Doctor Yuan Min Wang	Developing Single Dose Genetic Treatments to Cure Rare Kidney Disorders by Liver-Specific Targeting and Developing Kidney Targeting Strategies	University of Sydney	\$877,848.00
APP1161571	CIA - Associate Professor Jonathon Arnold CIB - Associate Professor Jennifer Kearney CIC - Doctor Samuel Banister CID - Professor Iain McGregor	Preclinical development of cannabis-derived medicines for drug-resistant epilepsy	University of Sydney	\$747,389.00
APP1161574	CIA - Professor Michael Henderson CIB - Doctor David Gyorki CIC - Professor Marc Moncrieff CID - Professor Andrew Spillane CIE - Associate Professor Robyn Saw CIF - Professor Bernard Smithers CIG - Professor Madeleine King CIH - Doctor Serigne Lo	Melanoma Margins Trial-II: A Phase III, Multi-centre Randomised Controlled Trial Investigating 1cm vs 2cm Wide Surgical Excision Margins for AJCC Stage II Primary Cutaneous Melanoma (MelMarT-II)	University of Melbourne	\$2,766,610.70

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1161581	CIA - Associate Professor Loc Do CIB - Doctor Alyssa Sawyer CIC - Professor Alison Jones CID - Doctor Diep Ha CIE - Doctor Sam Leary CIF - Professor A. John Spencer	Effect of exposure to fluoridated water in early childhood on child psychological and intellectual development	The University of Adelaide	\$828,756.90
APP1161583	CIA - Doctor Leszek Lisowski CIB - Professor Ian Alexander CIC - Professor George Lovrecz	Strategies for development of novel adeno-associated viral vectors and production technology: towards national clinical-grade manufacturing capacity	University of Sydney	\$782,521.00
APP1161589	CIA - Professor Amanda Spurdle CIB - Doctor Sean Tavgigian	TP53 variant classification models to improve clinical care of patients	The Council of the Queensland Institute of Medical Research	\$533,255.50
APP1161609	CIA - Doctor Wei Lin Toh	Multisensory hallucinations in psychosis: Phenomenology, cognition and perception	Swinburne University of Technology	\$577,520.00
APP1161623	CIA - Professor Joel Mackay CIB - Doctor Louise Walport CIC - Professor Richard Payne CID - Professor Gerd Blobel	New approaches to BET-family bromodomain inhibitors	University of Sydney	\$807,284.00
APP1161634	CIA - Doctor Natasha Stanton CIB - Professor G. Lorimer Moseley CIC - Professor Catherine Hill CID - Professor Julie Ratcliffe CIE - Associate Professor Matthew Smuck CIF - Associate Professor Christy Tomkins-Lane	Targeting unhelpful pain beliefs to promote physical activity in people with knee osteoarthritis: a multicentre, randomised controlled trial with cost-effectiveness analysis	University of South Australia	\$1,196,256.50
APP1161706	CIA - Associate Professor Simon Laws CIB - Associate Professor Victor Villemagne CIC - Professor John Hardy CID - Professor Gregory Savage CIE - Doctor Samantha Burnham CIF - Doctor Stephanie Rainey-Smith	Genetic and lifestyle susceptibility and resilience factors affecting rates of change in preclinical Alzheimer's Disease	Edith Cowan University	\$940,788.00
APP1161708	CIA - Associate Professor Anthony Jaworowski CIB - Doctor Anna Hearps CIC - Professor Jennifer Hoy	How to target monocyte/macrophage reservoirs as part of a functional cure for HIV	RMIT University	\$662,518.00
APP1161734	CIA - Associate Professor Scott Mueller	The neuro-immune interface in lymphoid tissues	University of Melbourne	\$736,653.00
APP1161768	CIA - Doctor Phillippa Taberlay CIB - Doctor Adele Woodhouse CIC - Doctor Mark Robinson CID - Associate Professor Timothy Mercer	Delineating the epigenetic evolution of neurons in human sporadic Alzheimer's disease	University of Tasmania	\$826,102.00
APP1161803	CIA - Associate Professor Daniel Hatters CIB - Professor Gavin Reid CIC - Doctor Yuning Hong	The metastability of proteome foldedness in neurodegenerative disease	University of Melbourne	\$997,204.00

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1161858	CIA - Professor Perminder Sachdev CIB - Associate Professor Wei Wen CIC - Doctor John Crawford	Understanding cognitive disorders in relation to cerebrovascular disease in an international collaborative effort: the Stroke and Cognition (STROKOG) Consortium	University of New South Wales	\$649,204.80
APP1161883	CIA - Doctor Jerome Le Nours CIB - Professor David Moody	An investigation into aberrant T cell reactivity towards lipids	Monash University	\$814,384.00
APP1161889	CIA - Associate Professor Mark Hancock CIB - Professor Jane Latimer CIC - Associate Professor Chung-Wei Christine Lin CID - Professor Dafna Merom CIE - Professor Maurits van Tulder	WalkBack: Preventing recurrence of low back pain	Macquarie University	\$813,443.00
APP1161897	CIA - Associate Professor Benjamin Harrison CIB - Associate Professor Christopher Davey CIC - Associate Professor Miguel Angel Fullana	A neural systems model of fear dysregulation in anxiety disorders	University of Melbourne	\$612,192.00
APP1161916	CIA - Professor Matthew Wilce CIB - Associate Professor Jacqueline Wilce CIC - Professor Bert Semler	Structural basis for ribosomal docking on a picornavirus type I IRES	Monash University	\$860,028.00
APP1161936	CIA - Doctor Benjamin Rogers CIB - Professor Yahya Shehabi CIC - Associate Professor Rhonda Stuart CID - Doctor Patrick Harris CIE - Associate Professor Nick Daneman CIF - Doctor Robert Fowler CIG - Mrs Lauren Bulfin	Bacteremia Antibiotic Length Actually Needed for Clinical Effectiveness (BALANCE): A Randomized Controlled Clinical Trial	Monash University	\$1,233,368.60
APP1161957	CIA - Doctor Kirsty Pringle	Factors regulating maternal levels of soluble (pro)renin receptor and its role in the pathogenesis of preeclampsia	The University of Newcastle	\$578,527.80
APP1161981	CIA - Professor Jonathan Hirst CIB - Professor David Walker CIC - Doctor Hannah Palliser	Replacement therapies for improving outcome following preterm birth	The University of Newcastle	\$892,047.00
APP1161985	CIA - Doctor Phillipa Taberlay CIB - Professor Peter Jones CIC - Doctor Mark Robinson	Deciphering the molecular basis of three-dimensional BRG1-driven chromatin remodelling in cancer cells	University of Tasmania	\$969,187.00
APP1161998	CIA - Doctor Joanne George CIB - Doctor Alex Pagnozzi CIC - Doctor Samudragupta Bora	Prediction of childhood Brain Outcomes in infants born preterm using neonatal MRI and concurrent clinical biomarkers - PREBO-6	The University of Queensland	\$831,700.36
APP1162002	CIA - Associate Professor Simon Phipps CIB - Doctor Paul Dennis CIC - Doctor Paraic O Cuiv	Understanding the influence of maternal diet on the neonatal gut microbiome and susceptibility to respiratory disease in early life	The Council of the Queensland Institute of Medical Research	\$922,053.30
APP1162030	CIA - Professor Karol Miller CIB - Professor Simon Warfield CIC - Doctor Grand Joldes CID - Professor Adam Wittek	Towards better neuronavigation in epilepsy surgery: pre-operative MRI to intra-operative CT registration	University of Western Australia	\$375,024.60

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1162031	CIA - Professor Murat Yucel CIB - Doctor Sze Lee CIC - Doctor Samuel Chamberlain	MonCOG: Validating a neurocognitive framework and developing a purpose-built assessment tool for addictions	Monash University	\$341,339.00
APP1162052	CIA - Professor Richard Pearson CIB - Doctor Elaine Sanij	Targeting nucleolar DNA damage response as a novel therapeutic strategy for high grade serous ovarian cancer	University of Melbourne	\$900,028.00
APP1162058	CIA - Doctor Isabelle Lucet CIB - Doctor Onisha Patel	Structural and functional characterisation of the microtubule-binding protein DCLK1	The Walter and Eliza Hall Institute of Medical Research	\$547,324.00
APP1162060	CIA - Doctor Gila Moalem-Taylor CIB - Doctor Oleg Butovsky	Targets and mechanisms in reducing neuropathic pain through immunomodulatory treatments	University of New South Wales	\$927,520.00
APP1162066	CIA - Associate Professor Raymond Steptoe CIB - Associate Professor Kristen Radford	Engineering human dendritic cells for tolerogenic gene therapy of type 1 diabetes	The University of Queensland	\$831,653.00
APP1162103	CIA - Doctor Si Ming Man	Interferon-inducible proteins in the innate immune defense against bacteria	Australian National University	\$804,293.50
APP1162132	CIA - Professor David Power CIB - Associate Professor Peter Mount	The mechanism underlying reduced kidney fibrosis with metformin	Institute for Breathing and Sleep	\$439,429.50
APP1162165	CIA - Professor Geoffrey Head CIB - Associate Professor Elisabeth Lambert CIC - Professor Murray Esler	Modulation of brain GABA receptor function by ganaxolone as a novel treatment for neurogenic hypertension	Baker Heart and Diabetes Institute	\$666,442.20
APP1162171	CIA - Doctor Katharine Irvine CIB - Professor David Hume CIC - Professor Jonathan Fawcett CID - Professor Andrew Clouston	CSF1 Therapy for Chronic Liver Disease	The University of Queensland	\$497,127.00
APP1162182	CIA - Professor Bala Venkatesh CIB - Associate Professor Antje Blumenthal CIC - Associate Professor Jeremy Cohen CID - Professor John Myburgh CIE - Professor Simon Finfer CIF - Doctor Naomi Hammond CIG - Associate Professor Laurent Billot	Vascular responsiveness in septic shock	University of New South Wales	\$863,509.60
APP1162204	CIA - Associate Professor Massimo Hilliard	Understanding the role of the metalloprotease ADM-4/ADAM17/TACE in promoting axonal repair	The University of Queensland	\$676,653.00
APP1162223	CIA - Associate Professor Philip Dinning CIB - Professor Simon Brookes CIC - Doctor Lukasz Wiklendt CID - Professor David Wattchow CIE - Professor Marcello Costa	Colonic dysmotility is a significant aetiological factor in faecal incontinence	Flinders University	\$422,324.00
APP1162229	CIA - Doctor Misty Jenkins	Engineering chimeric antigen receptor T cell signals to generate effective anti-tumour responses	The Walter and Eliza Hall Institute of Medical Research	\$472,127.00

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1162251	CIA - Professor Alexander Bobik CIB - Professor Ban-Hock Toh	Early Novel Inflammatory Mechanisms Influencing Infarct Size, Ventricular Remodelling and Function	Baker Heart and Diabetes Institute	\$833,386.00
APP1162276	CIA - Doctor Yanchuan Shi	Targeting NPY signaling in adipose tissue to promote thermogenesis and weight loss	The Garvan Institute of Medical Research	\$664,920.00
APP1162281	CIA - Professor Jason Roberts CIB - Professor Jeffrey Lipman CIC - Associate Professor Jan De Waele CID - Doctor Despoina Koulenti	Novel dosing regimens to maximise antibiotic effectiveness for treatment of pneumonia in the intensive care unit	The University of Queensland	\$815,403.20
APP1162318	CIA - Professor Sherene Loi CIB - Doctor Paul Neeson	Tissue resident memory T cells- delineating their role in breast cancer anti-tumor immunity	University of Melbourne	\$765,117.00
APP1162362	CIA - Professor Kate Leslie CIB - Doctor Thomas Painter CIC - Professor Philip Devereaux CID - Professor Philip Peyton CIE - Professor Tomas Corcoran CIF - Professor Matthew Chan CIG - Associate Professor Timothy Short	Tranexamic acid and hypotension-avoidance to prevent death and major complications after noncardiac surgery (PeriOperative ISchemic Evaluation-3 – the POISE-3 Trial)	University of Melbourne	\$1,192,127.00
APP1162371	CIA - Associate Professor Ollie Jay CIB - Associate Professor Julien Periard CIC - Professor Anthony Capon CID - Associate Professor Carolyn Broderick CIE - Associate Professor John Orchard CIF - Doctor Samuel Chalmers	An Evidence-Based Extreme Heat Policy for Child and Youth Sport	University of Sydney	\$659,056.85
APP1162375	CIA - Associate Professor Sunil Badve CIB - Professor Vlado Perkovic CIC - Associate Professor Meg Jardine CID - Professor David Wheeler CIE - Professor Amit Garg CIF - Professor Jicheng Lv CIG - Doctor Muh Geot Wong CIH - Professor Vivekanand Jha	Treatment of cardiovascular disease with very low dose Rivaroxaban in Advanced Chronic Kidney disease (The TRACK Trial)	University of New South Wales	\$5,522,417.59
APP1162384	CIA - Professor Arthur Kitching CIB - Doctor Hugh Reid	Defining key determinants of HLA mediated T cell tolerance and autoimmunity	Monash University	\$1,392,004.80
APP1162385	CIA - Professor John Gooding CIB - Professor Katharina Gaus	Building better ex vivo 3D cancer models with 3D printing	University of New South Wales	\$744,254.00

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1162410	CIA - Associate Professor Sunil Badve CIB - Professor Suetonia Palmer CIC - Professor Grahame Elder CID - Professor Kevan Polkinghorne CIE - Doctor Ron Wald CIF - Associate Professor Giovanni Strippoli CIG - Doctor Philip Clayton CIH - Doctor Rathika Krishnasamy CII - Ms Elaine Pascoe	Pragmatic randomised trial of High Or Standard PHosphAte Targets in End-stage kidney disease (The PHOSPHATE Study)	The University of Queensland	\$1,748,533.55
APP1162413	CIA - Doctor Sherry Wu CIB - Professor Willem Overwijk	Harnessing the immune system to battle ovarian cancer: A novel approach using naturally occurring exosomes	The University of Queensland	\$535,078.00
APP1162499	CIA - Doctor Tracy Heng	Dying stem cells as a mechanism of mesenchymal stromal cell therapy	Monash University	\$633,058.00
APP1162505	CIA - Professor Elizabeth Coulson CIB - Associate Professor Kai-Hsiang Chuang	Mechanisms and consequences of cholinergic neuron degeneration in sleep apnea	The University of Queensland	\$932,284.00
APP1162507	CIA - Doctor Daniel Watterson CIB - Professor Paul Young CIC - Doctor Michael Landsberg CID - Professor Yi Shi CIE - Doctor Naphak Modhiran	Structural insights into the function and antigenicity of the flavivirus NS1 protein	The University of Queensland	\$624,920.00
APP1162511	CIA - Professor Matthew Watt CIB - Doctor Magdalene Montgomery CIC - Doctor Paul Burton CID - Professor Wendy Brown CIE - Professor Stuart Roberts CIF - Associate Professor William Kemp	Discovery and validation of biomarkers for nonalcoholic steatohepatitis and liver fibrosis	University of Melbourne	\$772,521.00
APP1162514	CIA - Professor Christopher Hovens CIB - Associate Professor Paul Boutros CIC - Doctor Niall Corcoran CID - Associate Professor Daniel Park CIE - Professor Rosalind Eeles CIF - Professor Anthony Costello	The genomic drivers of high risk prostate cancer	University of Melbourne	\$595,394.00
APP1162515	CIA - Professor Adam McCluskey CIB - Professor Phillip Robinson CIC - Doctor Fiona Simpson	Dynamin modulators for reversing immunotherapy resistance in head and neck cancer	The University of Newcastle	\$1,493,752.00
APP1162522	CIA - Doctor Timothy Wells CIB - Professor Ian Henderson CIC - Doctor Daniel Smith	Paradoxical antibody: the role of antibody in exacerbating Pseudomonas lung infection	The University of Queensland	\$662,389.00
APP1162545	CIA - Doctor Yanfei (Jacob) Qi	Metabolic basis of NAFLD progression to hepatocellular carcinoma	Centenary Institute of Cancer Medicine and Cell Biology	\$515,394.00

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1162550	CIA - Professor Geoffrey McFadden CIB - Doctor Christopher Goodman CIC - Associate Professor Justin Boddey	Can we build a genetic trap for drug resistant malaria parasites?	University of Melbourne	\$812,657.60
APP1162553	CIA - Doctor Steven Zuryn	Molecular protection against mitochondrial DNA damage	The University of Queensland	\$525,157.00
APP1162560	CIA - Professor Sunil Lakhani CIB - Professor Stephen Rose CIC - Professor Stephen Mahler CID - Doctor Jodi Saunus CIE - Doctor Simon Puttick	Nanomedicine strategies for early detection and treatment of brain metastases	The University of Queensland	\$667,521.00
APP1162572	CIA - Associate Professor Matthew Kemp CIB - Professor John Newnham CIC - Professor Alan Jobe	EVE Therapy: A New Life Support System for Preterm Babies Born at the Border of Viability	University of Western Australia	\$794,762.00
APP1162583	CIA - Doctor Ryan Courtney CIB - Professor Hayden McRobbie CIC - Associate Professor Robyn Whittaker CID - Professor Anthony Shakeshaft CIE - Doctor Emily Stockings CIF - Associate Professor Dennis Petrie CIG - Doctor Jamie Brown CIH - Professor Robert West CII - Doctor Dennis Thomas CIJ - Professor Mohammad Siahpush	A non-inferiority trial of Tailored Text Messaging versus Quitline for smoking cessation among low-socioeconomic status smokers	University of New South Wales	\$1,764,854.80
APP1162596	CIA - Professor Dominique Cadilhac CIB - Associate Professor Natasha Lannin CIC - Professor Helen Dewey CID - Doctor Monique Kilkenny CIE - Professor Ian Kneebone CIF - Doctor Nadine Andrew CIG - Professor Avril Drummond CIH - Doctor Jan Cameron	Recovery-focused Community support to Avoid readmissions and improve Participation after Stroke (ReCAPS)	Monash University	\$1,769,409.40
APP1162597	CIA - Associate Professor Mehdi Mobli CIB - Doctor Lachlan Rash	Accessing structurally elusive states of sodium channels as novel analgesic targets	The University of Queensland	\$480,591.00
APP1162615	CIA - Professor William Morgan CIB - Professor Stephen Cringle	Orbital Pressure Alteration and Interactions with Intracranial and Intraocular Pressure	University of Western Australia	\$680,924.00
APP1162652	CIA - Doctor Dominic Ng CIB - Professor Zhiheng Xu	How defects in centrosome to microtubule attachment cause microcephaly	The University of Queensland	\$580,788.00
APP1162684	CIA - Doctor Jonathan Paul CIB - Professor Tamas Zakar CIC - Doctor Waleed Hussein	Uterine-Targeted Delivery of Dual Action Therapy for Preventing Preterm Birth	The University of Newcastle	\$461,472.80
APP1162753	CIA - Professor Xu Dong Zhang CIB - Doctor Lei Jin	Role of lncRNA glycoLINC in coordinating the Warburg effect and serine metabolism	The University of Newcastle	\$702,521.00

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1162760	CIA - Doctor Adam Wheatley CIB - Doctor Gordon Joyce CIC - Doctor Masaru Kanekiyo	Rational Design of Novel Vaccines for the Control of Influenza B	University of Melbourne	\$802,836.00
APP1162764	CIA - Professor Steven Chadban CIB - Associate Professor Huiling Wu CIC - Doctor Laurence Macia	Manipulating the Microbiome by Diet to Prevent Kidney Transplantation Rejection	University of Sydney	\$995,410.80
APP1162765	CIA - Doctor Kate Lawlor	Role of programmed cell death in NLRP3 inflammasome activation and Metabolic Syndrome	Monash University	\$646,890.00
APP1162767	CIA - Doctor Tony Kenna CIB - Professor Matthew Brown CIC - Associate Professor Glenda Gobe CID - Doctor Qiang Cheng	Evaluation of a new therapeutic strategy for treatment of systemic sclerosis and systemic lupus erythematosus	Queensland University of Technology	\$576,806.56
APP1162775	CIA - Professor Sarath Ranganathan CIB - Professor Graham Hall CIC - Doctor Lidija Turkovic CID - Doctor Andre Schultz	The next generation of impact in cystic fibrosis	Murdoch Childrens Research Institute	\$1,288,439.75
APP1162798	CIA - Professor Tony Tiganis CIB - Professor Catriona McLean	The role of NOX4 in muscle antioxidant defence and mitochondrial biogenesis	Monash University	\$820,985.00
APP1162809	CIA - Associate Professor Andrew Wei CIB - Professor Stefan Bohlander CIC - Associate Professor John Reynolds CID - Associate Professor Mark Levis	Transforming the treatment landscape in elderly Acute Myeloid Leukaemia	Monash University	\$1,071,166.00
APP1162829	CIA - Doctor Davis McCarthy	Cloud-ready analysis methods and software to study effects of DNA variants on single-cell gene expression	St Vincent's Institute of Medical Research	\$516,103.00
APP1162833	CIA - Professor Louisa Jorm CIB - Professor Art Sedrakyan CIC - Professor Adam Elshaug CID - Doctor Michael Falster	Post-surgery care fragmentation: impacts and implications	University of New South Wales	\$554,537.15
APP1162860	CIA - Doctor Marina Pajic CIB - Professor Anthony Gill CIC - Professor Jas Samra CID - Doctor Adnan Nagrial	"Fine-tuned" manipulation of the c-MET oncogenic pathway in pancreatic cancer: a new paradigm of personalised medicine	The Garvan Institute of Medical Research	\$707,521.00
APP1162867	CIA - Associate Professor Lana Williams CIB - Professor Julie Pasco CIC - Doctor Jason Hodge CID - Doctor Yann Gibert CIE - Professor Vincent Laudet	Antipsychotics and Osteoporosis: Mechanisms and Clinical Consequences	Deakin University	\$550,096.80
APP1162872	CIA - Professor Patrick Brennan CIB - Professor Jeremy Wolfe CIC - Associate Professor Sarah Lewis CID - Professor Dong Xu CIE - Doctor Darren Lockie CIF - Assistant Professor Karla Evans	MY RISC (MammographY: Robust InterrogationS and Calculations): Breast Cancer Prediction Transformed	University of Sydney	\$814,170.20

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1162874	CIA - Professor David Hunter CIB - Professor Changhai Ding CIC - Professor Stefan Lohmander CID - Doctor Rachel O'Connell CIE - Doctor Xia Wang	Stem Cells as a symptom- and structure-modifying Treatment for knee Osteoarthritis- the SCUpTOR trial	University of Sydney	\$1,982,801.55
APP1162878	CIA - Professor Sally Dunwoodie CIB - Doctor Eleni Giannoulatou CIC - Doctor Gavin Chapman CID - Professor David Winlaw	Identifying genetic and environmental factors that cause NAD deficiency and disrupt embryogenesis	University of New South Wales	\$1,893,466.00
APP1162886	CIA - Associate Professor Hilda Pickett CIB - Doctor Anthony Cesare	Telomere integrity in human health and disease	University of Sydney	\$744,920.00
APP1162921	CIA - Associate Professor Chen Davidovich	RNA-mediated regulation of the histone methyltransferase PRC2: a new link to disease-associated and causing mutations	Monash University	\$671,653.00
APP1162954	CIA - Professor Stuart Pitson CIB - Professor Andrew Spencer CIC - Doctor Craig Wallington-Beddoe	A new therapeutic target for proteasome inhibitor resistant multiple myeloma	University of South Australia	\$676,588.50
APP1162968	CIA - Professor Sandra Eades CIB - Doctor Bridgette McNamara CIC - Doctor Melissa O'Donnell CID - Ms Jocelyn Jones CIE - Doctor Lina Gubhaju CIF - Doctor Koen Simons CIG - Doctor Richard Chenhall	Predicting and preventing child removals and optimising the child protection system for Aboriginal children in partnership with Aboriginal communities and health services	University of Melbourne	\$1,166,576.00
APP1162969	CIA - Doctor Steven Wise CIB - Associate Professor Martin Ng CIC - Doctor Jelena Rnjak-Kovacina	New Synthetic Conduits for Arterial Revascularisation	University of Sydney	\$568,193.00
APP1162980	CIA - Associate Professor Kylie Hesketh CIB - Professor Jo Salmon CIC - Associate Professor Barbara Galland CID - Professor Jan Nicholson CIE - Professor Rachael Taylor CIF - Associate Professor Liliana Orellana CIG - Associate Professor Mohamed Abdelrazek CIH - Doctor Harriet Koorts CII - Doctor Victoria Brown CIJ - Doctor Katherine Downing	Maximising health potential through enhancement of movement behaviours from early life	Deakin University	\$1,740,297.20
APP1163002	CIA - Doctor Zoe McQuilten CIB - Associate Professor David Curtis CIC - Associate Professor Erica Wood CID - Professor Rory Wolfe CIE - Doctor Paul Lacaze CIF - Associate Professor Robert Sebra	Clonal haematopoiesis of indeterminate potential (CHIP) and its consequences for blood cancers, cardiovascular disease and stroke – the ASPREE-CHIP sub-study	Monash University	\$1,416,603.20

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1163039	CIA - Professor Brian Oldfield CIB - Professor Andrew Allen CIC - Doctor Stuart McDougall CID - Assistant Professor Guillaume de Lartigue	The vagus nerve and gut - brain interactions: the underpinnings of successful weight loss surgery through recruitment of Brown Adipose Tissue	Monash University	\$1,202,978.00
APP1163040	CIA - Doctor Jodie Painter CIB - Professor Cecilia Lindgren CIC - Professor Hayden Homer	Large-scale genome-wide analyses to investigate the genetic aetiology of miscarriage	The Council of the Queensland Institute of Medical Research	\$195,328.00
APP1163053	CIA - Professor David Tarlinton	The Dynamics and Determinants of Plasma Cell Survival	Monash University	\$859,702.00
APP1163054	CIA - Doctor Catherine Bell CIB - Professor Monika Janda CIC - Associate Professor Anne Cust CID - Associate Professor Robin Turner CIE - Professor Les Irwig CIF - Associate Professor Pascale Guitera CIG - Associate Professor Robyn Saw CIH - Doctor Victoria Mar CII - Doctor Mbathio Dieng CIJ - Doctor Jolyn Hersch	Can patient-led surveillance detect recurrent or new primary melanoma & reduce need for routinely scheduled follow-up? A Randomised Controlled Trial	University of Sydney	\$1,229,189.60
APP1163067	CIA - Associate Professor Anne Tiedemann CIB - Professor Catherine Sherrington CIC - Professor Stephen Lord	Preventing falls in older age with yoga-based exercise: effectiveness, cost-effectiveness and implementation	University of Sydney	\$930,103.20
APP1163090	CIA - Professor Jose Villadangos CIB - Professor Karim Asehnoune CIC - Doctor Antoine Roquilly	Functional impairment of mouse and human dendritic cells following Systemic Inflammatory Response Syndrome (SIRS): towards novel diagnostics and treatments	University of Melbourne	\$1,273,624.00
APP1163111	CIA - Doctor Siok-Keen Tey CIB - Professor David Gottlieb CIC - Associate Professor Glen Kennedy	A phase I clinical study of adoptive transfer of regulatory T cells (Tregs) and low-dose interleukin-2 (IL-2) for the treatment of chronic graft-versus-host disease (GVHD): gene-marking to inform rational combination therapy	The Council of the Queensland Institute of Medical Research	\$878,747.80
APP1163120	CIA - Doctor Harindra Jayasekara CIB - Professor Dallas English CIC - Doctor Robert MacInnis CID - Associate Professor Stephanie Smith-Warner CIE - Doctor Pietro Ferrari CIF - Doctor Andrew Haydon	Alcohol, diet and body fatness as risk factors for stomach cancer and its subtypes: a pooled analysis of prospective studies from the NCI Cohort Consortium	Cancer Council Victoria	\$1,051,297.60
APP1163143	CIA - Professor Christine Jenkins CIB - Professor Richard Beasley CIC - Professor Bob Hancox CID - Associate Professor Jeremy Wrobel CIE - Doctor Catherina Chang CIF - Doctor Allison Humphries (nee Martin)	Preventing Adverse Cardiac Events (PACE) in COPD	University of New South Wales	\$3,401,794.00

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1163149	CIA - Associate Professor James McAuley CIB - Doctor Sylvia Gustin CIC - Professor Andrew McLachlan CID - Professor Sallie Lamb CIE - Professor Niels Birbaumer CIF - Professor Herta Flor CIG - Professor Martin Lotze CIH - Doctor Neil O'Connell CII - Doctor Hopin Lee	MEMOIR: A multi-national randomised factorial placebo-controlled trial with embedded mechanism evaluation of memantine and graded motor imagery for complex regional pain syndrome	University of New South Wales	\$2,309,382.40
APP1163202	CIA - Professor Martha Hickey CIB - Doctor Michelle Peate CIC - Professor Robert Norman CID - Professor Roger Hart	Eggsurance? A randomised controlled trial of a novel Decision Aid for women considering egg freezing	University of Melbourne	\$593,042.72
APP1163214	CIA - Doctor Grace Joshy CIB - Professor Emily Banks CIC - Doctor Chalapati Rao CID - Doctor Rosemary Korda CIE - Mr James Eynstone-Hinkins CIF - Ms Karen Bishop	Quantifying Mortality Incorporating Multiple Causes of Death: Optimising Data for Policy and Practice	Australian National University	\$791,052.00
APP1163233	CIA - Professor Karin Jandeleit-Dahm CIB - Professor Rhian Touyz	Targeting Nox5 to prevent atherosclerosis and aneurysm formation	Monash University	\$993,742.00
APP1163235	CIA - Doctor Darren Creek CIB - Professor Peter Scammells CIC - Associate Professor Stuart Ralph CID - Professor Raymond Norton CIE - Doctor Shane Devine	New aminobenzimidazole antimalarial agents with a novel mechanism of action	Monash University	\$767,521.00
APP1163238	CIA - Associate Professor Sean McGee CIB - Associate Professor Zane Andrews	Role of protein kinase D in adiposity and the regulation of body weight	Deakin University	\$766,310.20
APP1163240	CIA - Professor Jozef Gecz CIB - Doctor Raman Sharma CIC - Professor Paul Thomas	TREX nuclear mRNA export and healthy development	The University of Adelaide	\$870,024.00
APP1163249	CIA - Associate Professor John Kwok CIB - Associate Professor Anthony Don CIC - Doctor Carol Dobson-Stone CID - Doctor Ramon Landin-Romero CIE - Associate Professor Woojin Kim CIF - Doctor Boris Guennewig	Mutations in genes causal of white matter disease and dysregulation of lipid metabolism in frontotemporal dementias	University of Sydney	\$600,357.00
APP1163282	CIA - Professor Thanh Phan CIB - Associate Professor Henry Ma CIC - Doctor Rebecca Lim CID - Professor Christopher Sobey	I-ACT: Phase I trial of Amnion Cell Therapy for Ischaemic Stroke to establish the maximum tolerable dose	Monash University	\$711,031.90
APP1163310	CIA - Doctor Mohammed Hossain CIB - Professor John Wade CIC - Professor Briony Forbes CID - Doctor Karl Johan Rosengren	Novel chemical methods to produce next generation insulin analogues	Florey Institute of Neuroscience and Mental Health	\$599,485.20

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1163313	CIA - Associate Professor Katryn Stacey CIB - Doctor Helle Bielefeldt-Ohmann CIC - Doctor Naphak Modhiran	Intestinal barrier integrity in dengue virus infection	The University of Queensland	\$713,346.20
APP1163319	CIA - Professor Brett Nixon CIB - Doctor Elizabeth Bromfield CIC - Professor Robert Aitken	Targeted disruption of lipoxygenase enzymes to prevent oxidative stress-mediated pathologies in the male germline	The University of Newcastle	\$572,393.60
APP1163327	CIA - Professor Shaun McColl CIB - Doctor Iain Comerford	Th17 cells, chemokine receptors and the control of inflammation	The University of Adelaide	\$776,432.00
APP1163335	CIA - Professor Shaun McColl CIB - Doctor Iain Comerford CIC - Doctor Mohammed Alsharifi	Using the chemokine receptor system to improve immunological memory	The University of Adelaide	\$675,788.00
APP1163338	CIA - Associate Professor Carol Maher CIB - Professor Timothy Olds CIC - Professor Manny Noakes CID - Doctor François Fraysse CIE - Doctor Gilly Hendrie CIF - Ms Dorothea Dumuid CIG - Doctor Rachel Curtis	Annual rhythms in weight gain, activity and diet compositions in parents – identifying opportunities to prevent cycles of weight gain	University of South Australia	\$737,127.00
APP1163341	CIA - Professor Michael Cowley CIB - Doctor Stephanie Simonds CIC - Professor Tamas Horvath	Can we engage weight loss circuits in the brain without causing hypertension?	Monash University	\$881,568.00
APP1163346	CIA - Professor Julie Bines CIB - Doctor Celeste Donato CIC - Doctor Daniel Cowley CID - Associate Professor Carl Kirkwood	Is vaccine-induced herd immunity altering the diversity of rotavirus strains in Australia?	Murdoch Childrens Research Institute	\$689,440.30
APP1163354	CIA - Doctor Katja Fischer CIB - Professor Robin Gasser CIC - Professor Craig Williams CID - Doctor Simone Reynolds	Novel drugs to reduce the human scabies burden	The Council of the Queensland Institute of Medical Research	\$1,368,859.56
APP1163358	CIA - Doctor Si Ming Man	Host recognition of bacterial toxin	Australian National University	\$694,293.50
APP1163384	CIA - Doctor Brad Sutherland CIB - Associate Professor Gabriele De Luca	An energy crisis for Alzheimer's disease: is pericyte degeneration to blame?	University of Tasmania	\$857,283.00
APP1163416	CIA - Doctor Lexine Stapinski CIB - Associate Professor Nicola Newton CIC - Doctor Mieke Snijder CID - Mr Michael Doyle CIE - Doctor Katrina Champion CIF - Doctor Catherine Chapman	Strong and Deadly Futures: A cluster randomised controlled trial of a computerised school-based alcohol and drug prevention program for Aboriginal and Torres Strait Islander students	University of New South Wales	\$1,907,377.00
APP1163420	CIA - Associate Professor Alyssa Barry CIB - Doctor Leanne Robinson CIC - Professor Takafumi Tsuboi CID - Professor James Kazura	Defining host and parasite mechanisms that drive asymptomatic malaria	The Walter and Eliza Hall Institute of Medical Research	\$792,588.40
APP1163462	CIA - Professor Alpha Yap	The enemy within: epithelial defence against cell death	The University of Queensland	\$1,111,250.00

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1163484	CIA - Associate Professor Lenka Munoz CIB - Doctor Najoua Lalaoui CIC - Associate Professor Michael Buckland	Targeting MK2 to overcome glioblastoma resistance to therapy	University of Sydney	\$667,029.40
APP1163499	CIA - Associate Professor Sarah Whittle CIB - Doctor Julian Simmons CIC - Doctor Despina Ganella CID - Doctor Orli Schwartz	Neural mechanisms of anxiety across development and sex	University of Melbourne	\$899,085.85
APP1163504	CIA - Doctor Jess Nithianantharajah CIB - Professor Seth Grant	Mapping learning-dependent remodelling of synapse balance across the brain	Florey Institute of Neuroscience and Mental Health	\$735,723.00
APP1163507	CIA - Professor Karlheinz Peter CIB - Professor Jianxiang Zhang	Novel Concepts to Treat Myocardial Infarction Beyond Coronary Revascularisation	Baker Heart and Diabetes Institute	\$992,521.00
APP1163542	CIA - Professor Benjamin Thierry CIB - Professor Eben Rosenthal CIC - Doctor Andrew Foreman	Preoperative Imaging of Metastatic Deposits in Regional Lymph Nodes: Preclinical Validation of a New Staging Modality for Head and Neck Cancer	University of South Australia	\$432,192.00
APP1163556	CIA - Doctor Thomas Naderer CIB - Doctor Hsin-Hui Shen	Pore-forming toxins of Staphylococcus aureus: imaging assembly, pore formation and killing	Monash University	\$667,521.00
APP1163581	CIA - Professor John Silke	RIPK1: Master Regulator of Inflammation	The Walter and Eliza Hall Institute of Medical Research	\$756,442.20
APP1163585	CIA - Professor Lisa Askie CIB - Professor Lelia Duley CIC - Professor Alan Montgomery	Cord Clamping and Placental Transfusion at Preterm Birth: an individual participant data and network meta-analysis	University of Sydney	\$354,871.80
APP1163613	CIA - Doctor Samantha Bunzli CIB - Professor Peter Choong CIC - Associate Professor Michelle Dowsey CID - Professor Philip Clarke CIE - Associate Professor Francesco Paolucci	The PRETEND Trial: A mixed methods study evaluating PREferences, feasibiliTY, and costs of pErformiNg sham surgery Trials involving major surgical procedures	University of Melbourne	\$446,914.30
APP1163614	CIA - Associate Professor Simon Smith CIB - Professor Karen Sullivan CIC - Professor Paul Salmon CID - Doctor Bruce Simons-Morton	Reducing Crash Risk For Young Drivers: A Randomized Control Trial To Improve Sleep	The University of Queensland	\$706,535.20
APP1163649	CIA - Professor Alan James CIB - Professor Arthur Musk CIC - Professor Matthew Knuiman CID - Doctor Jennie Hui CIE - Doctor Siobhain Mulrennan CIF - Doctor Claire Tobin	Phenotypes of airway disease in the general population	University of Western Australia	\$1,350,471.10
APP1163662	CIA - Doctor Nicholas Eyre CIB - Associate Professor Michael Beard CIC - Doctor Amanda Aloia	Molecular dissection of the dengue virus NS1 protein	The University of Adelaide	\$638,031.00

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1163689	CIA - Professor Stuart Kinner CIB - Doctor Rohan Borschmann CIC - Professor Seena Fazel CID - Professor Susan Sawyer	Health service utilisation and preventable mortality in justice-involved young people: A national, retrospective data linkage study	Murdoch Childrens Research Institute	\$850,614.60
APP1163732	CIA - Associate Professor Julie McMullen CIB - Doctor Colleen Thomas CIC - Assistant Professor Lior Zangi	New therapies targeting the IGF1-PI3K pathway for the failing heart	Baker Heart and Diabetes Institute	\$990,949.25
APP1163738	CIA - Professor Cheryl Dissanayake CIB - Doctor Josephine Barbaro CIC - Professor Alan Shiell CID - Professor Katrina Williams	School-age Outcomes of Children with Autism Spectrum Disorder and Parental Wellbeing: Investigations on the contribution of Method-of-Referral and Age-of-Diagnosis	La Trobe University	\$473,474.70
APP1163748	CIA - Professor Anthony Cunningham CIB - Associate Professor Andrew Harman CIC - Doctor Kerrie Sandgren	Defining pathways of epithelial spread of Herpes simplex virus after genital infection	University of Sydney	\$863,035.40
APP1163763	CIA - Doctor Zhi Yi Ong CIB - Professor Gavan McNally	Neural mechanisms underlying the effects of glucagon-like peptide-1 on alcohol intake	University of New South Wales	\$496,812.00
APP1163790	CIA - Doctor Amy Chung CIB - Doctor Jennifer Juno CIC - Associate Professor Terry Ball	Identification of functional antibodies that control Mycobacterium Tuberculosis	University of Melbourne	\$737,192.00
APP1163814	CIA - Doctor Jesse Goyette CIB - Professor Katharina Gaus	Signal integration of chimeric antigen receptors and the inhibitory Programmed cell death protein 1 receptor	University of New South Wales	\$486,811.00
APP1163815	CIA - Doctor Ashwin Unnikrishnan	Beyond Azacitidine: Investigating new therapeutic targets for the treatment of Myelodysplastic Syndrome	University of New South Wales	\$588,874.20
APP1163835	CIA - Associate Professor Marc Ruitenberg CIB - Associate Professor Kelli MacDonald CIC - Associate Professor Trent Woodruff	Understanding the mechanism of action for intravenous immunoglobulin (IVIG) therapy in spinal cord injury	The University of Queensland	\$605,363.40
APP1163841	CIA - Professor Alan Cass CIB - Doctor Sandawana Majoni CIC - Doctor Jaquelyne Hughes CID - Doctor Paul Lawton CIE - Associate Professor Federica Barzi CIF - Doctor Cherian Sajiv CIG - Professor Robert Batey	NT Safety and Efficacy of Iron in Haemodialysis Study	Menzies School of Health Research	\$2,946,434.80
APP1163861	CIA - Professor Richard Lake CIB - Professor Grant Morahan CIC - Doctor Scott Fisher	How genetic background influences the development of mesothelioma (in asbestos exposed populations)	University of Western Australia	\$809,405.20
APP1163862	CIA - Professor Paul Gleeson	Defining the anterograde and endocytic trafficking pathways in primary neurons; relevance to dysfunctional trafficking of BACE1 and APP in Alzheimer's disease	University of Melbourne	\$674,920.00

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1163894	CIA - Professor Colette McKay CIB - Professor Hugh McDermott CIC - Doctor Hamish Innes-Brown	Resolving the communication barriers faced by one third of cochlear implant users	The Bionics Institute of Australia	\$774,526.00
APP1163903	CIA - Associate Professor Kyle Hoehn	The role of acetyl-CoA carboxylase enzymes in fatty liver disease and cancer	University of New South Wales	\$564,999.00
APP1163910	CIA - Professor Christopher Rayner CIB - Professor Jens Holst	GIP actions in health and disease - human studies using a novel GIP antagonist	The University of Adelaide	\$946,521.00
APP1163924	CIA - Associate Professor Kate Schroder	PyroNETosis: a new mechanism of host defence	The University of Queensland	\$695,788.00
APP1163933	CIA - Professor Jiake Xu CIB - Associate Professor Nathan Pavlos CIC - Doctor Jennifer Tickner	'Sorting-Out' the molecular link between SNX10 and Autophagy in Osteoclasts	University of Western Australia	\$786,560.00
APP1163981	CIA - Professor David Hume CIB - Professor Kim Summers	CSF1R and the control of microglial function	The University of Queensland	\$467,127.00
APP1163986	CIA - Associate Professor Kiarash Khosrotehrani CIB - Doctor Mathias Francois CIC - Professor Andrew Barbour CID - Doctor Jatin Patel	Targeting the pre-metastatic vascular niche in melanoma using a novel molecular strategy	The University of Queensland	\$843,856.80
APP1164000	CIA - Doctor Mathias Francois CIB - Doctor Elizabeth Hinde	A single molecule resolution approach to decipher the transcriptional regulation of endothelial cell fate	The University of Queensland	\$809,254.00
APP1164019	CIA - Doctor Robin Hobbs CIB - Doctor Mirana Ramialison	Regulatory networks defining stem cell populations in the adult male germline	Monash University	\$950,184.00
APP1164020	CIA - Professor Kwun Fong CIB - Associate Professor Andreas Moeller CIC - Associate Professor Rayleen Bowman CID - Associate Professor Zarnie Lwin	Novel biomarkers for lung cancer	The University of Queensland	\$610,591.00
APP1164054	CIA - Doctor Marian Burr	Restoring MHC class I antigen presentation to enhance anti-tumour immunity	University of Melbourne	\$679,920.00
APP1164081	CIA - Associate Professor Frederic Hollande CIB - Professor Alain Puisieux	Characterising mechanisms that underpin drug tolerance and treatment resistance in colorectal cancer metastases	University of Melbourne	\$794,871.80
APP1164128	CIA - Associate Professor Gopala Rangan CIB - Doctor Yiping Wang	Role of DNA damage signalling in Autosomal Dominant Polycystic Kidney Disease	University of Sydney	\$492,192.00
APP1164141	CIA - Professor Michael McGuckin	Targeting MUC13 to Sensitise Colorectal Cancer to Therapy	University of Melbourne	\$546,890.00
APP1164198	CIA - Doctor Nicholas West	Blocking TB Latency: The Key to Reducing Therapy Duration	The University of Queensland	\$606,732.00
APP1164200	CIA - Doctor Margaret Danchin CIB - Doctor Daniel Costa CIC - Professor Lyndal Trevena CID - Doctor Carissa Bonner CIE - Professor David Durrheim	The Vaccine Barriers Assessment Tool (VBAT): a vaccine acceptance and barriers tool for optimisation of vaccine uptake for parents of children under the age of five	Murdoch Childrens Research Institute	\$630,256.00

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1164206	CIA - Professor Bruce Neal CIB - Professor Yangfeng Wu CIC - Professor Sallie-Anne Pearson CID - Professor Paul Elliott CIE - Doctor Maoyi Tian	The Salt Substitute and Stroke Study (SSaSS): a large-scale cluster randomised controlled trial to assess whether sodium reduction, achieved through salt substitution, prevents stroke	University of New South Wales	\$1,519,449.75
APP1164212	CIA - Professor David Burgner CIB - Professor Richard Saffery CIC - Professor Markus Juonala CID - Professor Anne-Louise Ponsonby CIE - Professor Deborah Lawlor CIF - Professor Mihai Netea CIG - Professor Niels Riksen CIH - Doctor Fiona Collier	A longitudinal population-based study of the development of cardiovascular risk in early childhood	Murdoch Childrens Research Institute	\$1,217,906.60
APP1164216	CIA - Doctor Daniel Watterson CIB - Doctor Jody Hobson-Peters CIC - Associate Professor Fasseli Coulibaly CID - Professor Roy Hall CIE - Professor Paul Young	High resolution structural determination of pathogenic flaviviruses by cryo-EM using a chimeric platform	The University of Queensland	\$548,990.00
APP1164251	CIA - Associate Professor Janya McCalman CIB - Associate Professor Roxanne Bainbridge CIC - Professor Ross Bailie CID - Professor Komla Tsey CIE - Professor Yvonne Cadet-James CIF - Professor Michael Ungar CIG - Doctor Veronica Matthews CIH - Associate Professor Deborah Askew CII - Doctor Nikki Percival CIJ - Associate Professor Ilse Blignault	System-level integration to promote the mental health of Indigenous children: A community-driven mixed methods approach	Central Queensland University	\$1,031,575.70
APP1164253	CIA - Doctor S. Sean Millard CIB - Doctor Dominic Ng	Identifying conserved alternative splicing mechanisms in vivo	The University of Queensland	\$514,349.60
APP1164268	CIA - Associate Professor Peter Malliaras CIB - Assistant Professor Karin Gravare Silbernagel CIC - Doctor Dylan Morrissey CID - Professor Martin Underwood CIE - Rebecca Kearney CIF - Professor Terrence Haines CIG - Associate Professor David Connell	Efficacy of high volume injections compared to placebo following failure of conservative therapy for Achilles tendinopathy	Monash University	\$574,322.72
APP1164412	CIA - Professor David Craik CIB - Doctor Joakim Swedberg CIC - Doctor Simon de Veer	Developing Factor XIIa inhibitors as new leads for preventing thrombosis	The University of Queensland	\$683,095.60
APP1164422	CIA - Doctor Katherine Howell	Improving diagnosis, treatment and outcome in West syndrome: a population-based study	Murdoch Childrens Research Institute	\$690,231.40

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1164430	CIA - Professor John Kaldor CIB - Doctor Dorothy Machalek CIC - Associate Professor Sinead Delany-Moretlwe CID - Professor Helen Rees CIE - Doctor Admire Chikandiwa CIF - Associate Professor Julia Brotherton CIG - Associate Professor Kathy Petoumenos CIH - Doctor Alyssa Cornall CII - Associate Professor Andrew Vallely	Impact of 2-dose and 1-dose human papillomavirus (HPV) vaccination schedules on community level HPV prevalence in South African adolescent girls	University of New South Wales	\$1,482,052.00
APP1164455	CIA - Doctor Pierre-Antoine Dugue	Increasing precision in epidemiological exposure assessment by integrating genetic and epigenetic data	Cancer Council Victoria	\$191,418.00
APP1164459	CIA - Professor Michael Ryan	Dissecting the functions of accessory subunits in mitochondrial complex I	Monash University	\$722,284.00
APP1164475	CIA - Professor Damien Keating CIB - Associate Professor Richard Young CIC - Professor Jens Holst CID - Professor Filip Knop	Targeting proglucagon cells in the human gut to treat diabetes and obesity	Flinders University	\$712,083.60
APP1164479	CIA - Professor David Thorburn CIB - Professor John Christodoulou CIC - Assistant Professor Monkol CID - Doctor David Stroud CIE - Doctor Sara Howden CIF - Doctor Alison Compton	Deciphering the pathogenetics of rare diseases by multi-omic approaches: disorders of mitochondrial energy generation as an exemplar	Murdoch Childrens Research Institute	\$1,041,548.00
APP1164491	CIA - Associate Professor Massimo Hilliard	Understanding the role of UNC-71 in axonal regeneration	The University of Queensland	\$676,653.00
APP1164494	CIA - Professor Renae Ryan CIB - Associate Professor Don van Meyel CIC - Professor Olga Boudker CID - Doctor Josep Font CIE - Professor Robert Vandenberg	The spilt personality of glutamate transporters: the structural basis and physiological role of a dual function transporter/channel	University of Sydney	\$967,915.00
APP1164499	CIA - Associate Professor Bruno van Swinderen	Bridging the gap between electrical and molecular sleep functions in the brain	The University of Queensland	\$435,792.90
APP1164514	CIA - Professor Gavan McNally	The actions of naltrexone in midbrain reward circuits	University of New South Wales	\$862,204.00
APP1164518	CIA - Doctor Adam Hill CIB - Doctor Gary Mirams CIC - Doctor Matthew Perry CID - Doctor William Crumb Jr	Developing better preclinical screens for cardiotoxic drugs	University of New South Wales	\$498,767.50
APP1164562	CIA - Associate Professor Sarah Vreugde CIB - Associate Professor Alkis Psaltis CIC - Professor Clive Prestidge CID - Doctor Nicky Thomas	Maximising the antimicrobial and anti-inflammatory performance of next generation therapeutics for Chronic Rhinosinusitis	The University of Adelaide	\$767,389.00

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1164577	CIA - Doctor Elizabeth Ng	Recreating haematopoietic niches to support HSC generation from human pluripotent stem cells and to model bone marrow failure	Murdoch Childrens Research Institute	\$1,060,028.00
APP1164601	CIA - Doctor Christopher Hahn CIB - Professor Hamish Scott CIC - Doctor Anna Brown CID - Doctor Andreas Schreiber CIE - Doctor Devendra Hiwase CIF - Doctor Nicola Poplawski CIG - Professor Lucy Godley CIH - Doctor Karin Kassahn CII - Professor Jude Fitzgibbon CIJ - Associate Professor Julia Horsfield	Germline mutations in familial haematopoietic malignancies identifies new pan-cancer predisposition genes and may alter clinical decision making, including for known cancer genes	University of South Australia	\$1,306,532.82
APP1164669	CIA - Doctor Philip Gregory CIB - Professor Gregory Goodall CIC - Doctor Brett Hollier	Characterising an RNA splicing pathway driving prostate cancer metastasis and therapy resistance	University of South Australia	\$782,077.60
APP1164680	CIA - Professor Jacqueline Close CIB - Doctor Lara Harvey CIC - Professor Ian Harris CID - Associate Professor Rebecca Mitchell	Identifying and addressing unwarranted clinical variation in hip fracture care to improve health outcomes	University of New South Wales	\$799,254.00
APP1164692	CIA - Doctor Blaine Roberts CIB - Doctor James Doecke CIC - Professor Steven Collins	Investigating the relationship of Abeta complexes in blood, cerebral spinal fluid and brain for the early detection of Alzheimer's disease	Florey Institute of Neuroscience and Mental Health	\$515,394.00
APP1164734	CIA - Associate Professor Benjamin Hogan	Control of vascular development and signalling by a tissue specific, target selective, alternative splicing regulator	The University of Queensland	\$932,998.40
APP1164736	CIA - Associate Professor Susan Rees CIB - Professor Jane Fisher CIC - Professor Zachary Steel	Refugee women, intimate partner violence and settlement: The first cohort study	University of New South Wales	\$670,788.00
APP1164770	CIA - Doctor Peter Simpson CIB - Doctor Katia Nones	Improving the clinical management of familial breast cancers with genomics	The University of Queensland	\$691,260.50
APP1164776	CIA - Professor Allison Abendroth CIB - Professor David Tschärke CIC - Professor Ann Arvin	Neuropathogenesis of herpes zoster and post-herpetic neuralgia	University of Sydney	\$676,653.00
APP1164800	CIA - Professor Philip Hodgkin CIB - Doctor Susanne Heinzel	Timers, Counters and Dice, the machinery of cells that underlies immunity	The Walter and Eliza Hall Institute of Medical Research	\$1,233,177.00

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1164804	CIA - Associate Professor Nicholas Gottardo CIB - Doctor Raelene Endersby CIC - Professor Martin Ebert CID - Associate Professor Kerrie McDonald	Reducing the harm caused by radiation for children with brain cancer	University of Western Australia	\$666,109.60
APP1164812	CIA - Associate Professor Jason Howitt CIB - Doctor Sarah Gordon	Investigating the extracellular transmission of α -synuclein in Parkinson's disease	Swinburne University of Technology	\$573,630.40
APP1164852	CIA - Associate Professor Claire Vajdic CIB - Doctor Christos Venetis CIC - Associate Professor Georgina Chambers CID - Professor Alastair Sutcliffe CIE - Doctor Signe Opdahl CIF - Professor Neville Hacker	Cancer risk in women and children after medically assisted reproduction	University of New South Wales	\$1,025,422.15
APP1164879	CIA - Associate Professor Bruno van Swinderen	Presynaptic control of general anaesthesia	The University of Queensland	\$786,568.00
APP1164920	CIA - Professor Merlin Crossley CIB - Doctor Kate Quinlan CIC - Professor Mitchell Weiss	Silencing silencers to boost foetal globin production and treat β -haemoglobinopathies	University of New South Wales	\$560,394.00
APP1164921	CIA - Professor Karlheinz Peter CIB - Professor Jianxiang Zhang	Therapeutic Profiling of Atherosclerosis: Identifying and Testing Specific Targets in Plaque Instability	Baker Heart and Diabetes Institute	\$905,920.00
APP1164945	CIA - Associate Professor Claudine Bonder CIB - Professor Nicolas Voelcker CIC - Doctor Lisa Ebert	Desmoglein-2; an unsuspected regulator of melanoma	University of South Australia	\$805,249.00
APP1164946	CIA - Associate Professor Edward Oakley CIB - Doctor Stuart Dalziel CIC - Associate Professor Meredith Borland CID - Associate Professor Simon Craig CIE - Doctor Amit Kochar CIF - Professor Amy Plint CIG - Professor David Johnson	A randomized controlled trial comparing epinephrine and dexamethasone to placebo in the treatment of infants with bronchiolitis	Murdoch Childrens Research Institute	\$559,987.50
APP1164954	CIA - Doctor Robert Galinsky	Preventing inflammation-induced brain injury in preterm infants: targeting systemic tumour necrosis factor	Monash University	\$978,979.00
APP1164982	CIA - Professor Gilda Tachedjian CIB - Doctor Anna Hearps CIC - Professor Jacques Ravel CID - Professor Deborah Anderson CIE - Doctor Adam Burgener CIF - Doctor Joshua Hayward	Impact of a vaginal microbiota metabolite on epithelium integrity and HIV susceptibility	Burnet Institute	\$864,418.10
APP1165036	CIA - Associate Professor John Boyce CIB - Doctor Marina Harper CIC - Doctor Nyssa Drinkwater	Co-opting bacterial weaponry: Manipulation of the Acinetobacter type VI secretion system for targeted killing of bacteria	Monash University	\$561,171.40

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1165060	CIA - Professor Pankaj Sah CIB - Doctor Dhanisha Jhaveri	Unravelling amygdala-hippocampus neural circuitry of anxiety: Role of adult-born neurons	The University of Queensland	\$874,384.00
APP1165070	CIA - Doctor Hoi Lun Cheng CIB - Doctor Claire Johnson CIC - Doctor Kristina Petersen	Exploring the impact of the sodium-to-potassium ratio on longitudinal adolescent trajectories of blood pressure and cardiovascular risk	University of Sydney	\$ 75,000.00
APP1165073	CIA - Professor Richard Saffery CIB - Doctor Melanie Neeland CIC - Doctor Boris Novakovic	Defining the cellular and molecular pathways leading to peanut allergy in children	Murdoch Childrens Research Institute	\$1,023,645.40
APP1165084	CIA - Associate Professor Paul Licciardi CIB - Professor Edward Mulholland CIC - Doctor Catherine Satzke CID - Doctor Cattram Nguyen CIE - Doctor Toan Nguyen	Pneumococcal vaccines and long-term protection	Murdoch Childrens Research Institute	\$597,192.00
APP1165096	CIA - Professor Kim Felmingham CIB - Professor David Forbes CIC - Doctor Simon Rosenbaum CID - Professor BJ Casey CIE - Professor Barbara Rothbaum	Improving outcomes from exposure therapy for PTSD with acute exercise: Augmenting Brain Derived Neurotrophic Factor as a mechanism of change?	University of Melbourne	\$827,334.00
APP1165107	CIA - Associate Professor Paul Anderson CIB - Professor Gerald Atkins CIC - Professor Howard Morris	Therapeutic Targeting of Vitamin D Catabolism in Chronic Kidney Disease	University of South Australia	\$681,653.00
APP1165117	CIA - Associate Professor Benjamin Hogan CIB - Associate Professor Natasha Harvey	Understanding the role of tissue growth pathways in expansion of the lymphatic vasculature	The University of Queensland	\$1,195,506.40
APP1165135	CIA - Doctor Andrew Robinson CIB - Professor Antoine van Oijen CIC - Professor Ian Paulsen CID - Professor Dayong Jin	Antibiotic resistance: combining microscopy, microfluidics and genomics to target bacterial DNA repair pathways	University of Wollongong	\$588,098.00
APP1165173	CIA - Associate Professor Ethan Scott CIB - Professor Halina Rubinsztein-Dunlop	Brain-wide mapping of sensory perception and integration in a vertebrate model	The University of Queensland	\$593,190.50
APP1165208	CIA - Associate Professor Pilar Blancafort CIB - Professor Killugudi Swaminatha-Iyer CIC - Professor George Yeoh CID - Doctor Joseph Cursons	Targeted epigenetic reactivation of dormant tumor suppressors: new precision therapies for liver cancer	University of Western Australia	\$1,139,460.10
APP1165217	CIA - Professor Michael Ryan CIB - Doctor Megan Maher CIC - Doctor Ann Kwan	Defining molecular pathways for COX2 maturation in mitochondrial Complex IV	Monash University	\$595,788.00
APP1165233	CIA - Doctor Bridianne O'Dea CIB - Doctor Mark Larsen CIC - Professor Svetha Venkatesh CID - Professor Dinh Phung CIE - Professor Nicholas Glozier	Using social media data to identify markers of depression risk among individuals: A longitudinal cohort study	University of New South Wales	\$324,452.40

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1165275	CIA - Professor Stephen Bernard CIB - Professor Biswadev Mitra CIC - Professor Russell Gruen CID - Doctor Dashiell Gantner CIE - Professor Michael Reade CIF - Associate Professor Brian Burns CIG - Professor Zsolt Balogh	Pre-hospital anti-fibrinolytics for traumatic coagulopathy and haemorrhage-2 (The PATCH2 Study)	Monash University	\$656,155.00
APP1165310	CIA - Professor Darryl Russell CIB - Professor Rebecca Robker CIC - Professor Eileen McLaughlin	Regulation of oocyte maturation and female fertility by functional non-coding RNA; Gas5	The University of Adelaide	\$600,772.80
APP1165337	CIA - Professor Jason Mattingley CIB - Associate Professor Ehsan Arabzadeh CIC - Doctor Matthew Tang	How do visual predictions affect neural coding? From whole brain systems to single neurons	The University of Queensland	\$709,254.00
APP1165345	CIA - Professor Gregory Anderson CIB - Professor Jonathan Powell	Iron homeostasis and supplementation during the perinatal period	The Council of the Queensland Institute of Medical Research	\$1,010,028.00
APP1165346	CIA - Professor Bernard Balleine	The prefronto-striatal circuit and disorders of action control	University of New South Wales	\$537,836.00
APP1165354	CIA - Associate Professor Stuart Ralph CIB - Professor Geoffrey McFadden CIC - Doctor Christopher Goodman	Regulation of stage differentiation in apicomplexan parasites by alternative splicing	University of Melbourne	\$859,130.40
APP1165361	CIA - Professor Glenn King CIB - Doctor Natalie Saez	Virtuous cycles: a novel cyclic peptide approach to develop neuroprotective and cardioprotective drugs	The University of Queensland	\$497,836.00
APP1165364	CIA - Professor Alex Brown CIB - Doctor Natasha Howard CIC - Professor Mark Boyd CID - Doctor Odette Pearson CIE - Doctor Anna Dawson CIF - Professor Judith Dwyer	Intervening on social and health services' practice to address social determinants of Aboriginal social and emotional wellbeing: The Northern Pathways Project	University of South Australia	\$2,546,333.70
APP1165376	CIA - Associate Professor Richard Leventer CIB - Professor Cheryl Jones CIC - Associate Professor Adeline Vanderver CID - Doctor Cas Simons	Neuro-cCMV: determining the contribution of congenital CMV infection to brain malformations and white matter disorders	Murdoch Childrens Research Institute	\$521,841.60
APP1165440	CIA - Doctor Ingrid Hopper	The STAREE Heart Study	Monash University	\$1,470,582.80
APP1165443	CIA - Doctor Cyril Seillet CIB - Professor Gabrielle Belz CIC - Professor Eric Vivier	Understanding the circadian regulation of the innate lymphoid cells	The Walter and Eliza Hall Institute of Medical Research	\$604,791.00

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1165457	CIA - Doctor Luke Grzeskowiak CIB - Associate Professor Lisa Amir CIC - Associate Professor Lisa Smithers CID - Associate Professor Susan Jacobs CIE - Associate Professor Wendy Ingman CIF - Associate Professor Rosalie Grivell CIG - Doctor Emma Knight	OPTimising Mothers' Own Milk supply in the neonatal unit – enhancing breast milk supply with Domperidone in mothers of preterm infants (OPTIMOM-D)	The University of Adelaide	\$980,692.40
APP1165467	CIA - Doctor Adam Uldrich CIB - Doctor Julian Vivian	Functional and molecular studies of an interaction between the antigen-presenting molecule MR1 and LILR immune regulatory receptors	University of Melbourne	\$778,386.00
APP1165487	CIA - Professor Paul Foster CIB - Doctor Hock Tay CIC - Doctor Ming Yang	Modelling the role of innate immune cells in exacerbation of asthma	The University of Newcastle	\$1,266,560.00
APP1165490	CIA - Professor Anthony Purcell	Diversification of immune responses through unanticipated proteolytic mechanisms	Monash University	\$922,284.00
APP1165504	CIA - Doctor Patricio Opazo CIB - Professor Daniel Choquet	The role of calcium/calmodulin-dependent protein kinase II in synaptotoxicity in Alzheimer's disease models	The University of Queensland	\$684,920.00
APP1165529	CIA - Doctor Mathias Dutschmann CIB - Doctor Davor Stanic	Preventing swallowing disorders and risk of aspiration in dementia	Florey Institute of Neuroscience and Mental Health	\$918,149.00
APP1165591	CIA - Associate Professor Edwin Hawkins	Cell fate regulation by microenvironments	The Walter and Eliza Hall Institute of Medical Research	\$641,552.40
APP1165599	CIA - Doctor Matt Rutar CIB - Professor Jan Provis CIC - Doctor Riccardo Natoli	Macrophages as novel targets for ameliorating deleterious complement activation in retinal degeneration	University of Melbourne	\$827,362.00
APP1165616	CIA - Professor Lisa Foa CIB - Doctor John Lin CIC - Doctor Robert Gasperini	Driverless axons: Steering Regeneration Towards The Light	University of Tasmania	\$432,127.00
APP1165627	CIA - Professor John Carroll CIB - Doctor Deepak Adhikari	Mitochondrial metabolism and its role in the maternal epigenome	Monash University	\$877,192.00
APP1165633	CIA - Professor Rebecca Robker CIB - Professor John Carroll	A therapy to restore ageing defects in egg and sperm	The University of Adelaide	\$1,106,080.40
APP1165636	CIA - Professor Guy Marks CIB - Associate Professor Gregory Fox CIC - Doctor Hoa Nguyen CID - Associate Professor James Wood CIE - Professor Stephen Graham	Ending Tuberculosis. A cluster RCT of community-wide universal testing and treatment for latent TB infection in high prevalence settings	University of New South Wales	\$6,458,051.90
APP1165679	CIA - Associate Professor Christopher Dayas CIB - Associate Professor Brett Graham	A novel pathways linking stress with mood disorders	The University of Newcastle	\$751,653.00

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1165690	CIA - Doctor Jane Bourke CIB - Doctor Simon Royce	Simultaneously targeting airway contraction and fibrosis as a new therapeutic strategy for asthma	Monash University	\$550,157.00
APP1165762	CIA - Professor Vanessa Hayes	Establishing a Genomic Signature for High-Risk Prostate Cancer	University of Sydney	\$1,093,596.00
APP1165801	CIA - Doctor Karl Johan Rosengren CIB - Professor Ross Bathgate CIC - Professor Andrew Gundlach CID - Doctor Craig Smith	Pharmacological modulation of the relaxin-3/RXFP3 neuropeptide system for controlling feeding	The University of Queensland	\$689,187.00
APP1165840	CIA - Associate Professor David Curtis CIB - Doctor Cedric Tremblay	Targeted therapies for chemo-resistant leukaemia cells	Monash University	\$727,087.00
APP1165850	CIA - Professor Bryan Mowry CIB - Doctor Jean Giacomotto	Investigating the neuro-developmental role of schizophrenia-associated genes using the zebrafish	The University of Queensland	\$481,890.00
APP1165876	CIA - Doctor Mark Davies CIB - Doctor Nicholas Geard CIC - Professor Jukka Corander	Contribution of carbohydrate metabolism to the maintenance of endemic streptococcal pathogens	University of Melbourne	\$480,788.00
APP1165913	CIA - Associate Professor Margaret Cargo CIB - Professor Jenni Judd CIC - Doctor Yvette Roe CID - Professor Bronwyn Fredericks CIE - Professor James Smith CIF - Professor Dennis Foley	Indigenous engagement and leadership in the evaluation of Indigenous health and wellbeing programs: Taking steps to improve government and non-government commissioning practices	University of Canberra	\$672,173.10
APP1165936	CIA - Associate Professor Anne Cust CIB - Professor Karen Canfell CIC - Professor Joanne Aitken CID - Associate Professor Pascale Guitera CIE - Professor Sanchia Aranda CIF - Doctor Caroline Watts CIG - Doctor Nicole Rankin CIH - Professor Pablo Fernandez Peñas	A national risk-stratified melanoma screening program in Australia: a modelling study of the benefits, harms, cost-effectiveness and resource implications	University of Sydney	\$839,350.80
APP1165990	CIA - Doctor Jesus Bertran-Gonzalez CIB - Doctor Miriam Matamales	Enhancing motivational capacity in the aged by restoring nuclear signalling in the striatum	University of New South Wales	\$397,754.12
APP1166008	CIA - Professor Bernard Balleine CIB - Doctor Vincent Laurent	A novel G-Protein Coupled Receptor-based memory process mediating the cognitive control of action	University of New South Wales	\$527,836.00
APP1166023	CIA - Associate Professor Katherine Lee CIB - Doctor Margarita Moreno-Betancur CIC - Professor John Carlin CID - Doctor Cattram Nguyen CIE - Professor Ian White	Addressing new challenges with missing data in complex epidemiological studies: methods, guidance and software	Murdoch Childrens Research Institute	\$537,226.40
APP1166024	CIA - Doctor Bingyang Shi CIB - Doctor Rose Chesworth CIC - Doctor Amanda Wright	Novel Nanotechnology for the Delivery of Amyloid and Tau aggregation Targeting siRNA for a potential Alzheimer's Disease Therapy	Macquarie University	\$472,551.60

App ID	Chief Investigators' Names	Application Title	Administering Institution	Budget
APP1166044	CIA - Doctor Michael Bowen CIB - Professor Mary Collins Chebib CIC - Professor Inga Neumann	Characterising and exploiting δ subunit-containing GABA-A receptors as novel targets for treating social disorders	University of Sydney	\$634,841.00