

Details of 2015 Project Grants Recommended for Funding Commencing in 2016

The Project Grants 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 Grants scheme is to support the creation of new knowledge by funding the best investigator-initiated research project plan of five years, or less, 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 2015 Project Grants funding round seeking applications for funding commencing in 2016 opened on 17 December 2014. Applications closed on 18 March 2015 with 3860 applications received (102 applications were not applying for NHMRC funding).

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 42.4%.

The applications listed below were approved for funding by the Minister for Health, the Hon. Sussan Ley MP on 9 November 2015.

In total, 516 Project Grants totalling \$419,719,973 are funded. These grants are listed below in application ID order.

APP ID	CI Team	Application Title	Administering Institution	Recommended Budget
1098127	CIA - Associate Professor David Parsons CIB - Associate Professor Ivan Bertonecello CIC - Doctor Martin Donnelley CID - Professor Richard Boucher CIE - Doctor Timothy Kuchel	Identifying the role of airway stem cells in maintaining lentiviral mediated gene expression for cystic fibrosis lung disease	The University of Adelaide	\$814,272.20
1098244	CIA - Professor Don McManus CIB - Professor Gail Williams CIC - Associate Professor Darren Gray CID - Professor Archie Clements CIE - Professor Xiao-Nong Zhou CIF - Professor Yuesheng Li CIG - Professor Juerg Utzinger	Conquering schistosomiasis in China: the last mile	The Council of the Queensland Institute of Medical Research	\$2,432,780.35
1098255	CIA - Professor Ingrid Scheffer CIB - Associate Professor Paul Lockhart CIC - Professor Martin Delatycki CID - Professor Sarah Wilson CIE - Doctor Miriam Fanjul Fernandez CIF - Professor Edouard Stanley	Understanding the Neurobiology of Autism Spectrum Disorder	University of Melbourne	\$1,630,738.50

APP ID	CI Team	Application Title	Administering Institution	Recommended Budget
1098290	CIA - Doctor Marnie Blewitt CIB - Doctor James Murphy CIC - Doctor Peter Czabotar CID - Doctor Matthew Ritchie	Mechanistic characterisation of the epigenetic modifier Smchd1	The Walter and Eliza Hall Institute of Medical Research	\$1,197,133.00
1098298	CIA - Doctor Michelle Tate	The role of the inflammasome in modulating disease during influenza virus infection	Monash University	\$616,979.00
1098308	CIA - Associate Professor David Thomas CIB - Ms Marita Hefler CIC - Associate Professor Bronwyn Carlson CID - Doctor Becky Freeman CIE - Ms Viki Briggs CIF - Doctor Joanna Henryks CIG - Associate Professor John Boffa	Social media to enhance Indigenous tobacco control	Menzies School of Health Research	\$922,679.50
1098311	CIA - Doctor Kylie Dingwall CIB - Associate Professor Patricia Nagel CIC - Doctor Jaquelyne Hughes CID - Professor David Kavanagh CIE - Professor Alan Cass CIF - Professor Kirsten Howard CIG - Doctor Michelle Sweet	Wellbeing Intervention for Chronic Kidney Disease (WICKD): A Trial of the Aboriginal and Islander Mental Health Initiative (AIMhi) Stay Strong App.	Menzies School of Health Research	\$1,031,561.90
1098319	CIA - Associate Professor Steven Tong CIB - Associate Professor Jodie McVernon CIC - Professor Ross Andrews CID - Doctor Nicholas Geard CIE - Ms Roslyn Dhurrkay CIF - Professor Jonathan Carapetis CIG - Professor Bart Currie CIH - Associate Professor Andrew Steer CII - Associate Professor Philip Giffard CIJ - Doctor Asha Bowen	Optimising intervention strategies to reduce the burden of Group A Streptococcus in Aboriginal Communities	Menzies School of Health Research	\$856,896.00
1098321	CIA - Associate Professor Evdokia Dimitriadis CIB - Doctor Michael Gantier CIC - Doctor Ellen Menkhorst CID - Associate Professor Luk Rombauts	Critical regulators of endometrial receptivity	Monash University	\$768,699.20
1098332	CIA - Associate Professor Evdokia Dimitriadis CIB - Doctor Ellen Menkhorst CIC - Associate Professor Kaori Koga	Critical regulators of placentation	Monash University	\$907,092.40
1098334	CIA - Professor Nicholas Anstey CIB - Doctor Tsin Yeo CIC - Professor Stephen Duffull	Targeting microvascular dysfunction in severe malaria	Menzies School of Health Research	\$871,922.60

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1098337	CIA - Professor Bart Currie CIB - Professor Paul Keim CIC - Doctor Erin Price CID - Doctor Derek Sarovich CIE - Mr Mark Mayo CIF - Doctor Mirjam Kaestli	The Darwin Prospective Meliodosis Study: Years 27-31	Menzies School of Health Research	\$1,281,717.50
1098369	CIA - Doctor Costan Magnussen CIB - Associate Professor Matthew Sabin CIC - Professor Markus Juonala	Understanding the early-life pathways for adult type 2 diabetes using existing data from seven cohorts of the International Childhood Cardiovascular Cohort (i3C) Consortium	University of Tasmania	\$336,418.90
1098391	CIA - Professor Merlin Crossley	Editing beneficial single nucleotide polymorphisms into the genome: A new approach to genetic disease	University of New South Wales	\$646,979.00
1098407	CIA - Doctor Cong Guo CIB - Doctor Marcus Gray	Probing neural circuits of emotion with ultrafast fMRI and dynamic natural stimuli	The Council of the Queensland Institute of Medical Research	\$306,012.00
1098424	CIA - Doctor Jonathan Lane CIB - Professor Jonathan Javitch CIC - Associate Professor Lei Shi CID - Doctor Ben Capuano CIE - Professor Maarten van den Buuse	Allosteric Targeting Of The Dopamine D2 Receptor: A Novel Approach For The Treatment Of Parkinson's Disease And Schizophrenia	Monash University	\$469,644.00
1098429	CIA - Associate Professor David Lynn CIB - Associate Professor Geraint Rogers CIC - Doctor Damon Tumes CID - Associate Professor Helen Marshall CIE - Professor Steven Wesselingh CIF - Professor Graeme Young	The impact of the neonatal gut microbiome on specific and nonspecific vaccine responses.	South Australian Health and Medical Research Institute Limited	\$661,495.50
1098436	CIA - Professor Gavan McNally CIB - Professor Simon Killcross CIC - Doctor John Power	Brain circuits promoting abstinence and preventing relapse to alcohol seeking	University of New South Wales	\$591,995.00
1098442	CIA - Professor David Castle CIB - Professor Susan Rossell CIC - Professor Cherrie Galletly CID - Associate Professor Anthony Harris CIE - Associate Professor Paul Francis CIF - Associate Professor Dan Siskind	N-Acetyl Cysteine In Schizophrenia Resistant to Clozapine: A Double-Blind Randomised Placebo-Controlled Trial Targeting Negative Symptoms	University of Melbourne	\$981,788.85
1098443	CIA - Professor Anne Chang CIB - Professor Keith Grimwood CIC - Doctor Tsin Yeo CID - Professor John Upham CIE - Doctor Mong Ooi CIF - Professor Moy Fong	A multi-centre double-blind RCT on community-acquired pneumonia in Indigenous children and a developing country: Improving clinical outcomes and identifying systemic biomarkers	Menzies School of Health Research	\$2,167,559.95

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1098449	CIA - Doctor Yu Suk Choi CIB - Associate Professor Adam Engler CIC - Professor Kun-Liang Guan	Using mechanotransduction to regulate stem cell fate in heart tissue	University of Sydney	\$385,983.00
1098459	CIA - Doctor Jon Oakhill CIB - Doctor John Scott CIC - Professor Bruce Kemp	Signaling pathways to enhance potency of AMPK-targeting drugs	St Vincent's Institute of Medical Research	\$661,966.00
1098470	CIA - Doctor Steven Lane	The evolution of acute myeloid leukaemia by in situ transformation of haematopoietic stem cells	The Council of the Queensland Institute of Medical Research	\$646,966.00
1098480	CIA - Professor Gail Risbridger CIB - Professor John Hutson CIC - Associate Professor Andrew Pask	Endogenous oestrogen is a key missing link in urethral hypospadias	Monash University	\$456,466.50
1098516	CIA - Doctor Steven Lane	Targeting leukaemia stem cells through inhibition of telomerase	The Council of the Queensland Institute of Medical Research	\$651,979.00
1098550	CIA - Professor Ian Harris CIB - Professor Rachelle Buchbinder CIC - Professor Rebecca Ivers CID - Associate Professor Justine Naylor CIE - Professor Zsolt Balogh CIF - Professor Paul Smith	CROSSFIRE: Combined Randomised and Observational Study of Surgery for Fractures In the distal Radius in the Elderly	University of New South Wales	\$551,076.70
1098643	CIA - Doctor Tracy Putoczki	Overcoming therapeutic resistance in pancreatic cancer	The Walter and Eliza Hall Institute of Medical Research	\$924,900.80
1098647	CIA - Doctor Arun Azad	Profiling circulating DNA and RNA to identify mechanisms of therapeutic resistance and response in metastatic castration-resistant prostate cancer	Monash University	\$482,589.80
1098654	CIA - Professor Melissa Little CIB - Doctor Cas Simons CIC - Associate Professor Ian Smyth CID - Doctor Andrew Mallett CIE - Professor Stephen Alexander	Applying functional genomics to kidney disease	Murdoch Childrens Research Institute	\$1,229,316.00
1098710	CIA - Professor Jennifer Stow CIB - Doctor Antje Blumenthal	Cellular regulation of receptor signalling and cytokine responses	The University of Queensland	\$859,288.00
1098717	CIA - Professor Jonathan Golledge CIB - Doctor Corey Moran	Blocking the factor XII- kallikrein pathway to limit abdominal aortic aneurysm	James Cook University	\$686,995.00

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1098757	CIA - Professor Claire Rickard CIB - Professor Joan Webster CIC - Doctor Raymond Chan CID - Associate Professor Peter Mollee CIE - Associate Professor E Geoffrey Playford CIF - Doctor Li Zhang CIG - Doctor Samantha Keogh CIH - Associate Professor Andrew Hallahan CII - Doctor Evan Alexandrou	Peripherally InSerted CEutral catheter Securement: the PISCES Trial	Griffith University	\$1,101,717.35
1098790	CIA - Doctor Brett Manley CIB - Associate Professor Adam Buckmaster CIC - Professor Peter Davis CID - Professor Ian Wright CIE - Doctor Louise Owen CIF - Doctor Gaston Arnolda	Improving Breathing Support for Newborn Infants in Non-Tertiary Centres: The HUNTER Trial	University of Melbourne	\$1,203,843.80
1098804	CIA - Doctor Katja Fischer CIB - Doctor Deborah Holt CIC - Doctor Simone Reynolds CID - Associate Professor Lutz Krause CIE - Professor Bart Currie	A targeted molecular approach to treating scabies and associated bacterial infections.	The Council of the Queensland Institute of Medical Research	\$518,334.00
1098807	CIA - Professor Stuart Kinner CIB - Doctor Rohan Borschmann CIC - Doctor Matthew Spittal CID - Professor Adrian Miller CIE - Professor Yvonne Cadet-James CIF - Associate Professor Alan Clough CIG - Professor Susan Sawyer	Deaths in young people involved in the youth justice system: towards evidence-based prevention	Griffith University	\$620,704.80
1098815	CIA - Associate Professor Allison Tong CIB - Professor Peter Kerr CIC - Associate Professor Kevan Polkinghorne CID - Associate Professor Martin Gallagher CIE - Professor Kirsten Howard CIF - Professor Braden Manns CIG - Professor Brenda Hemmelgarn CIH - Professor Wolfgang Winkelmayr CII - Professor David Wheeler CIJ - Professor Peter Tugwell	Establishing core outcomes in haemodialysis	University of Sydney	\$300,034.25
1098820	CIA - Professor Elizabeth Hartland	Ubiquitination in Legionella infection	University of Melbourne	\$501,466.50
1098826	CIA - Professor Elizabeth Hartland	Glycosyltransferase effectors from bacterial enteric pathogens	University of Melbourne	\$772,600.00

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1098832	CIA - Doctor Cyril Seillet CIB - Doctor Matthew Firth	Elucidating the critical roles of ILC1, NK cell and innate memory in immune protection	The Walter and Eliza Hall Institute of Medical Research	\$657,024.00
1098844	CIA - Doctor Brad Farrant CIB - Doctor Michael Wright CIC - Professor Stephen Zubrick CID - Associate Professor Cheryl Kickett-Tucker CIE - Doctor Carrington Shepherd CIF - Mr Glenn Pearson	Closing the gap in early childhood development: Community driven evidence, translation, policy, and practice - grow children up strong	University of Western Australia	\$1,656,624.50
1098848	CIA - Associate Professor Katherine Andrews CIB - Doctor Tina Skinner-Adams CIC - Professor David Fidock CID - Doctor Jack Ryan CIE - Doctor Oliver Hutt	Proguanil: Old Drug, New Tricks	Griffith University	\$536,516.50
1098862	CIA - Doctor Oliver Baumann CIB - Doctor Cong Guo	High-resolution brain imaging of cerebellar non-motor functions	The University of Queensland	\$336,012.00
1098867	CIA - Doctor Karen Alt CIB - Doctor Brett Paterson	Novel targeted PEG nanoparticles for cancer treatment and monitoring	Baker IDI Heart and Diabetes Institute Holdings Limited	\$606,979.00
1098870	CIA - Doctor Till Boecking CIB - Professor Peter Gunning CIC - Professor Antoine van Oijen CID - Doctor Maté Biro	Formin' actin filaments associated with cancer	University of New South Wales	\$611,995.00
1098884	CIA - Professor Raymond Norton CIB - Professor Peter Scammells CIC - Doctor Sheena McGowan CID - Associate Professor Martin Scanlon	Anti-Malarial Agents Targeting Apical Membrane Antigen 1	Monash University	\$661,995.00
1098887	CIA - Doctor Davide Martelli	The splanchnic anti-inflammatory pathway: The real inflammatory reflex	University of Melbourne	\$613,466.00
1098931	CIA - Professor Christopher Semsarian CIB - Associate Professor Robert Weintraub CIC - Doctor Richard Bagnall CID - Doctor Jodie Ingles	Genetic Basis of Childhood Cardiomyopathy	University of Sydney	\$1,012,046.80
1098960	CIA - Professor Mark Smyth CIB - Doctor Michele Teng	New target pathway for cancer therapy	The Council of the Queensland Institute of Medical Research	\$739,233.60
1098972	CIA - Professor Matthew Watt CIB - Doctor Matthew Rodeheffer CIC - Emeritus Professor Paul O'Brien	Deciphering the metabolic and endocrine profile of healthy adipocytes	Monash University	\$563,194.40
1098992	CIA - Professor Leann Tilley CIB - Professor Malcolm McConville CIC - Doctor Matthew Dixon	Targeting commitment to sexual differentiation in Plasmodium	University of Melbourne	\$688,954.00

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1099002	CIA - Doctor Peter Stanton CIB - Professor Robert McLachlan CIC - Professor David de Kretser	Identification of testis-specific markers of male infertility	Monash University	\$617,008.00
1099016	CIA - Doctor Jaime Pei Pei Foong CIB - Professor Joel Bornstein CIC - Associate Professor Tor Savidge	Role of microbiota in the developing Enteric Nervous System	University of Melbourne	\$661,979.00
1099025	CIA - Doctor Tao Liu CIB - Associate Professor Marcel Dinger	Functional characterization and therapeutic targeting of the novel long noncoding RNA MYCN-AS	University of New South Wales	\$646,979.00
1099040	CIA - Professor Sandra Hodge CIB - Doctor Peter Zalewski CIC - Doctor Eugene Roscioli	Exploiting increased autophagy in bronchial epithelial cells: a new therapeutic approach for chronic obstructive pulmonary disease (COPD)	The University of Adelaide	\$724,161.40
1099077	CIA - Doctor Siobhan Banks CIB - Associate Professor Leonie Heilbronn CIC - Professor David Kennaway CID - Associate Professor Alison Coates CIE - Associate Professor Jillian Dorrian	Altering meal times to reverse the metabolic consequences of shift work	University of South Australia	\$735,715.20
1099082	CIA - Doctor Luca Cocchi CIB - Doctor Andrew Zalesky CIC - Professor Olaf Sporns CID - Professor Jason Mattingley	Selective modulation of neural network activity using focal brain stimulation	The University of Queensland	\$531,495.50
1099095	CIA - Professor Philip Hansbro CIB - Professor Peter Wark CIC - Professor Ian Adcock CID - Professor Luke O'Neill	Role and potential for therapeutic targeting of dysfunction, oxidative stress and altered metabolism in mitochondria in the pathogenesis of COPD	The University of Newcastle	\$720,338.00
1099114	CIA - Doctor Brett Collins CIB - Doctor Victor Anggono CIC - Associate Professor Rohan Teasdale	Sorting out the synapse: the role of intracellular trafficking in NMDA receptor homeostasis	The University of Queensland	\$631,966.00
1099135	CIA - Professor Rodney Minchin CIB - Doctor Neville Butcher	The pharmacology of sulfotransferase 4A1	The University of Queensland	\$621,966.00
1099140	CIA - Professor Sarah Russell CIB - Professor Ton Schumacher	Elucidating immune responses by single cell pedigree and tracing analysis	Swinburne University of Technology	\$666,950.00
1099149	CIA - Professor James Denham CIB - Professor David Joseph CIC - Professor Gillian Duchesne CID - Professor John Attia	The role of adjuvant zoledronic acid in locally advanced prostate cancer	The University of Newcastle	\$376,612.80
1099151	CIA - Professor Jennifer Martin CIB - Associate Professor Martin Scanlon CIC - Doctor Begona Heras CID - Professor Peter Scammells CIE - Doctor Makrina Totsika	DsbA inhibitors: from hits to leads	The University of Queensland	\$882,978.00

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1099154	CIA - Professor Kwun Fong CIB - Associate Professor Rayleen Bowman CIC - Professor Martin Tammemagi CID - Professor Stephen Lam CIE - Doctor Christine Berg CIF - Associate Professor Karin Steinke CIG - Doctor Annette McWilliams CIH - Doctor Renee Manser	Low Dose Computed Tomography (LDCT) to diagnose Lung Cancer	The University of Queensland	\$3,032,884.00
1099160	CIA - Doctor Lev Kats	Understanding response and resistance to inhibition of mutant isocitrate dehydrogenase in acute myeloid leukaemia	University of Melbourne	\$581,979.00
1099163	CIA - Emeritus Professor Alastair MacLennan CIB - Doctor Clare van Eyk CIC - Doctor Mark Corbett CID - Doctor Morgan Newman CIE - Associate Professor Christopher Barnett	Genetic pathways to cerebral palsy	The University of Adelaide	\$1,314,158.00
1099165	CIA - Associate Professor Robyn Jamieson CIB - Professor Patrick Tam CIC - Doctor Sonia Davila CID - Associate Professor John Grigg	Pathways to treatment in blinding genetic retinal eye diseases	University of Sydney	\$556,956.00
1099173	CIA - Associate Professor Mathis Grossmann CIB - Professor Jeffrey Zajac CIC - Professor Richard Kanaan CID - Professor David Handelsman CIE - Professor Ego Seeman	Biological actions of estradiol in men	University of Melbourne	\$618,016.00
1099183	CIA - Associate Professor Andrew Steer CIB - Doctor Michael Batzloff CIC - Professor Jonathan Carapetis CID - Doctor Pierre Smeesters CIE - Doctor Claire Waddington CIF - Doctor Manisha Pandey CIG - Professor James Dale CIH - Doctor Tibor Schuster	Group A streptococcal human challenge study: accelerating vaccine development	Murdoch Childrens Research Institute	\$2,018,740.60
1099222	CIA - Doctor Andrew Kassianos	Pathogenic dendritic cells in human kidney disease	Royal Brisbane and Women's Hospital Foundation	\$370,983.00
1099251	CIA - Professor Robert Parton CIB - Doctor Thomas Hall	Molecular characterisation of transverse tubule development in skeletal muscle	The University of Queensland	\$951,321.00
1099254	CIA - Professor Herbert Herzog CIB - Doctor Paul Baldock	RANKL, a critical new player in the coordination of whole body energy homeostasis	The Garvan Institute of Medical Research	\$842,946.00

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1099262	CIA - Doctor Seth Masters CIB - Doctor Tracy Putoczki	Immune regulation of colitis and associated cancer	The Walter and Eliza Hall Institute of Medical Research	\$646,995.00
1099278	CIA - Doctor Kate Seib CIB - Doctor Christopher Day	The glyco-interactome of pathogenic Neisseria: understanding disease and defining vaccine targets	Griffith University	\$431,012.00
1099279	CIA - Doctor Kate Seib CIB - Doctor John Atack CIC - Professor Lauren Bakaletz	Novel epigenetic regulatory mechanisms in Moraxella catarrhalis and non-typeable Haemophilus influenzae: impact on vaccine development and role in pathobiology	Griffith University	\$626,979.00
1099283	CIA - Doctor Daniel Worthley CIB - Professor Stan Gronthos CIC - Associate Professor Siddhartha Mukherjee CID - Francis Lee	Osteochondroreticular stem cell therapy for osteoarthritis: the right cells for the job.	The University of Adelaide	\$561,956.00
1099302	CIA - Doctor Toby Phesse CIB - Professor Elizabeth Vincan CIC - Professor Nicholas Barker	Fzd7 as a therapeutic target for gastric cancer	La Trobe University	\$732,008.00
1099307	CIA - Professor Sharad Kumar CIB - Associate Professor Ian Smyth CIC - Doctor Darren Saunders	Nedd4-2: a new player in polycystic kidney disease	University of South Australia	\$671,995.00
1099321	CIA - Doctor Kristofer Thurecht CIB - Professor Pamela Russell CIC - Associate Professor Stephen Mahler CID - Professor Andrew Boyd CIE - Doctor Christopher Howard	Immuno-polymeric drugs for prostate cancer therapy	The University of Queensland	\$626,995.00
1099352	CIA - Professor Leanne Delbridge CIB - Professor Stephen Harrap CIC - Professor Jonathan Kalman CID - Doctor James Bell	Local cardiac sex steroids - new therapeutic targets	University of Melbourne	\$646,994.00
1099375	CIA - Professor Magdalena Plebanski CIB - Doctor Andrew Stephens CIC - Professor Martin Oehler CID - Associate Professor Mark Gorrell	A New Anti-Diabetes Drug as a Novel Therapy for Ovarian Cancer	Monash University	\$711,966.00
1099379	CIA - Professor Timothy Jones CIB - Associate Professor Elizabeth Davis CIC - Doctor Martin de Bock CID - Associate Professor David O'Neal	Free-Living Closed-Loop Insulin Delivery for Patients with Type 1 Diabetes: A long-term multi-centre randomized controlled trial	University of Western Australia	\$1,041,985.90

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1099381	CIA - Doctor Christopher Slape CIB - Professor Andrew Boyd	EphA3, a novel target for leukaemia stem cell therapy	Monash University	\$616,992.00
1099400	CIA - Professor David Kavanagh CIB - Professor Nicholas Graves CIC - Associate Professor Jason Connor CID - Associate Professor Leanne Hides CIE - Doctor Matthew Gullo CIF - Doctor Jennifer Connolly CIG - Professor Jackie Andrade CIH - Professor Jon May	A new, low-cost e-health treatment for Alcohol Use Disorder using mental imagery	Queensland University of Technology	\$895,032.45
1099406	CIA - Doctor Richard Berry	The Structure and Composition of the T-cell Receptor-CD3 Complex	Monash University	\$434,644.00
1099428	CIA - Professor Raymond Norton CIB - Associate Professor Philip Thompson CIC - Professor Sebastien Perrier	Novel Anti-Infective Agents that Act by Enhancing the Host Innate Response	Monash University	\$655,482.00
1099461	CIA - Professor Sarah Robertson CIB - Associate Professor Simon Barry CIC - Professor Mark Hutchinson	Priming the maternal immune response to resist inflammatory disorders of pregnancy	The University of Adelaide	\$920,972.00
1099480	CIA - Professor Susan Prescott CIB - Professor Jeffrey Keelan CIC - Professor Karen Simmer CID - Doctor Debra Palmer CIE - Associate Professor Richard Allcock CIF - Doctor Timo Lassmann	Dietary modulation of maternal gut flora with oligosaccharides in pregnancy as a novel allergy prevention strategy	University of Western Australia	\$1,681,512.40
1099538	CIA - Associate Professor Cheryl Shoubridge CIB - Professor Jeffrey Noebels	Improving the phenotypic severity of intellectual disability and seizures caused by expanded polyalanine tract mutations in the ARX homeobox transcription factor.	The University of Adelaide	\$683,622.00
1099543	CIA - Professor Stephen Fox CIB - Doctor Kylie Gorringe CIC - Associate Professor Boon Chua CID - Doctor Emma Link CIE - Professor Ian Ellis CIF - Professor Puay Hoon Tan CIG - Professor Peter Watson	PRECISION: Personalised Risk Evaluation in DCIS, International	University of Melbourne	\$1,392,930.35
1099546	CIA - Doctor Michele Teng	Optimal scheduling of cancer surgery and adjuvant therapy	The Council of the Queensland Institute of Medical Research	\$667,008.00

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1099569	CIA - Professor Darryl Knight CIB - Associate Professor Janette Burgess CIC - Associate Professor Glen Westall CID - Professor Geoffrey Laurent CIE - Associate Professor Steven Mutsaers CIF - Doctor Cecilia Prele	Fibroblast Senescence as a driver of pulmonary fibrosis	The University of Newcastle	\$845,611.00
1099588	CIA - Doctor Paul Gregorevic CIB - Associate Professor Kieran Harvey	Pre-clinical assessment of the therapeutic potential of targeting the Hippo pathway in muscle wasting & muscle-derived cancer	Baker IDI Heart and Diabetes Institute Holdings Limited	\$621,979.00
1099595	CIA - Associate Professor Michael Lawrence CIB - Associate Professor Hans Elmlund	Structural events in insulin and IGF signalling - a nanodisc approach to a problem in cancer, diabetes and Alzheimer's disease	The Walter and Eliza Hall Institute of Medical Research	\$752,402.50
1099618	CIA - Professor Edward Holmes CIB - Professor Cheryl Jones CIC - Professor Dominic Dwyer	The Phylodynamics of Human Enteroviruses: Informing Vaccine Effectiveness and Outbreak Preparedness	University of Sydney	\$564,867.70
1099641	CIA - Professor Jane Halliday CIB - Professor Robert McLachlan CIC - Associate Professor Sarath Ranganathan CID - Professor Markus Juonala CIE - Doctor Sharon Lewis CIF - Doctor Richard Saffery CIG - Doctor Karin Hammarberg CIH - Associate Professor David Amor	Clinical review of a cohort aged 22-33 years conceived using Assisted Reproductive Technologies	Murdoch Childrens Research Institute	\$946,454.00
1099655	CIA - Doctor Gavin Pereira CIB - Associate Professor Natasha Nassar CIC - Professor Nicholas de Klerk CID - Professor Gary Shaw CIE - Professor Erik Parner CIF - Doctor Cicely Marston CIG - Doctor Stephen Ball	Evidence-based recommendations for interpregnancy intervals in high-income countries	Curtin University of Technology	\$423,305.00
1099676	CIA - Professor Nigel Curtis CIB - Associate Professor Susan Donath CIC - Associate Professor Peter Vuillermin CID - Associate Professor Katie Flanagan CIE - Professor Michael South CIF - Professor Frank Shann	Extending the MIS BAIR randomised trial of BCG to prevent childhood allergy and infection	Murdoch Childrens Research Institute	\$939,503.57

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1099680	CIA - Professor Nigel Curtis CIB - Associate Professor Katie Flanagan CIC - Associate Professor Tobias Kollmann CID - Professor Mihai Netea CIE - Professor Helder Nakaya	A systems-biology approach to understanding the beneficial heterologous effects of neonatal BCG vaccination in a Melbourne-based randomised controlled trial	Murdoch Childrens Research Institute	\$846,853.30
1099690	CIA - Doctor Brent Neumann	Uncovering the molecular mechanisms behind Charcot-Marie-Tooth disease	Monash University	\$320,967.00
1099703	CIA - Doctor Isobel Poynten	Serological responses to anal HPV infection: characterising the natural history of anal HPV	University of New South Wales	\$220,506.00
1099709	CIA - Professor John McGrath CIB - Professor Pankaj Sah CIC - Doctor Victor Anggono CID - Associate Professor Darryl Eyles CIE - Associate Professor Thomas Burne	Voltage gated calcium channels and vitamin D: exploring the convergent links between risk factors for schizophrenia	The University of Queensland	\$754,288.00
1099752	CIA - Professor Nic Nicola CIB - Doctor Andrew Webb	A novel class of negative regulators of interleukin-6 signalling	The Walter and Eliza Hall Institute of Medical Research	\$626,950.00
1099814	CIA - Doctor Julian Vivian CIB - Professor David Price	Structural and functional investigation of Killer-Cell Immunoglobulin-like receptors	Monash University	\$546,966.00
1099844	CIA - Professor Richard Bryant CIB - Professor Michelle Moulds	Early Intervention for Posttraumatic Stress Disorder	University of New South Wales	\$670,987.00
1099860	CIA - Associate Professor Boon Chua CIB - Professor Ian Kunkler CIC - Professor Ivo Olivotto CID - Professor Madeleine King CIE - Doctor Emma Link CIF - Doctor Guenther Gruber CIG - Doctor A.Helen Westenberg	A randomised phase III study of radiation doses and fractionation schedules for non-low risk ductal carcinoma in situ of the breast	University of Melbourne	\$658,418.75
1099899	CIA - Associate Professor Boon Chua CIB - Associate Professor Sherene Loi CIC - Associate Professor Prudence Francis CID - Professor Gregory Mann CIE - Professor John Forbes CIF - Professor Meinir Krishnasamy CIG - Associate Professor Nicholas Wilcken CIH - Associate Professor Andrew Spillane	Randomised phase III trial of adjuvant radiotherapy versus observation following breast conserving surgery and endocrine therapy in patients with molecularly characterised low-risk luminal A early breast cancer	University of Melbourne	\$4,087,187.60
1099912	CIA - Doctor Stefan Oehlers	Inhibition of haemostasis as a novel host-directed therapy for tuberculosis	Centenary Institute of Cancer Medicine and Cell Biology	\$528,470.50

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1099920	CIA - Professor Georges Grau CIB - Doctor Valery Combes CIC - Emeritus Professor Nicholas Hunt CID - Doctor Bernadette Saunders	ANTIGEN PRESENTATION IN CEREBRAL MALARIA PATHOGENESIS: A ROLE FOR BRAIN MICROVASCULAR ENDOTHELIUM AND MICROPARTICLES	University of Sydney	\$416,012.00
1099922	CIA - Associate Professor Damien Harkin CIB - Associate Professor Mark Daniell CIC - Professor Traian Chirila CID - Professor Greg Qiao CIE - Professor Jean-Pierre Scheerlinck	Cultivated corneal endothelial cell implants for restoring vision	Queensland University of Technology	\$886,032.00
1099930	CIA - Doctor Jenny Gunnensen CIB - Doctor Stuart McDougall CIC - Professor Annette Dolphin	A potential analgesic target in a novel clinically-relevant neuropathic pain pathway.	University of Melbourne	\$685,811.00
1099932	CIA - Professor Robert Casson CIB - Doctor Daniel Peet CIC - Doctor Glyn Chidlow CID - Doctor John Wood	Novel Photoreceptor Bioenergetics: Basic Science and Clinical Translation	The University of Adelaide	\$701,087.60
1099947	CIA - Doctor Lei Jin	Alpha-actinin-4 as an oncogenic driver and therapeutic target in melanoma	The University of Newcastle	\$401,786.40
1099991	CIA - Doctor Amy Wyatt	The effect of hypochlorite on the toxicity and clearance of the Alzheimer's disease-associated amyloid beta peptide	The University of Wollongong	\$461,495.50
1099999	CIA - Doctor James Wells CIB - Associate Professor Raymond Steptoe CIC - Associate Professor Nicole La Gruta	CD4+CD8 β + double-positive T-cell regulation of CD8 T-cell responses	The University of Queensland	\$430,983.00
1100000	CIA - Professor Malcolm McConville CIB - Associate Professor Spencer Williams	Targeting carbohydrate metabolism in Leishmania	University of Melbourne	\$854,288.00
1100033	CIA - Doctor Shalin Naik CIB - Doctor Andrey Kan	The precise steps in dendritic cell development	The Walter and Eliza Hall Institute of Medical Research	\$330,997.50
1100036	CIA - Doctor Natalie Trevaskis CIB - Professor Christopher Porter CIC - Professor Matthew Watt CID - Doctor Darren Creek	Drug targeting to sites of lymph-adipose interaction to transform the treatment of disease	Monash University	\$515,171.85
1100038	CIA - Professor Vaughan Macefield	INVESTIGATING PROPRIOCEPTION AND SENSORIMOTOR CONTROL IN HUMANS DEVOID OF FUNCTIONAL MUSCLE SPINDLES	University of Western Sydney	\$335,983.00
1100040	CIA - Professor Vaughan Macefield CIB - Associate Professor Luke Henderson	BRAIN IMAGING OF CARDIOVASCULAR CONTROL DURING MUSCLE PAIN	University of New South Wales	\$370,983.00

APP ID	CI Team	Application Title	Administering Institution	Recommended Budget
1100042	CIA - Professor Vaughan Macefield CIB - Associate Professor Luke Henderson CIC - Professor Annemarie Hennessy CID - Associate Professor Angela Makris	FUNCTIONAL IDENTIFICATION OF CORTICAL AND SUBCORTICAL SITES RESPONSIBLE FOR NEUROGENIC HYPERTENSION IN HUMANS	University of Western Sydney	\$514,644.00
1100046	CIA - Doctor James Chong	Investigation of Cardiac Stem Cell Regenerative Capabilities and their Enhancement by Manipulation of Telomerase Reverse Transcriptase	University of Sydney	\$491,461.50
1100088	CIA - Professor V. Nathan Subramaniam CIB - Professor Grant Ramm CIC - Professor Wanjin Hong CID - Professor Darrell Crawford CIE - Associate Professor Daniel Wallace	SARA: Delineating its Association with the Onset and Development of Liver Fibrosis	The Council of the Queensland Institute of Medical Research	\$865,972.00
1100099	CIA - Associate Professor Margaret Hibbs CIB - Professor Andreas Fouras	Characterisation of emerging new signaling networks that underlie COPD phenotypes	Monash University	\$696,966.00
1100147	CIA - Professor Jane Fisher CIB - Professor Beverley-Ann Biggs CIC - Doctor Tuan Tran CID - Associate Professor Stanley Luchters CIE - Doctor Thach Tran CIF - Doctor David Hipgrave	Learning clubs to improve women's health and infant's health and development in Vietnam: a cluster randomised controlled trial of a low-cost, evidence-informed, structured intervention	Monash University	\$1,372,748.00
1100164	CIA - Doctor Nichollas Scott	Understanding the role of O-linked glycosylation in Burkholderia cenocepica for host survival using proteomic approaches	University of Melbourne	\$222,004.00
1100179	CIA - Associate Professor Michael Sorich CIB - Doctor Andrew Rowland CIC - Doctor Michael Wiese CID - Professor John Miners CIE - Professor Howard Gurney	Optimisation of the safety and efficacy of protein kinase inhibitors using endogenous and dietary biomarkers	The Flinders University of South Australia	\$384,360.20
1100189	CIA - Professor Grant McArthur CIB - Doctor Karen Sheppard CIC - Doctor Carleen Cullinane CID - Doctor Nicole Haynes	The combination of CDK4 and MAPK/ERK pathway inhibitor therapy in Melanoma: defining melanoma cell intrinsic and immune mediated responses	University of Melbourne	\$824,288.00
1100202	CIA - Professor Peter Gunning CIB - Professor Edna Hardeman CIC - Professor Rony Seger CID - Doctor Till Boecking CIE - Doctor Elizabeth Hinde	Regulation of ERK driven cell proliferation by the actin cytoskeleton	University of New South Wales	\$920,972.00

APP ID	CI Team	Application Title	Administering Institution	Recommended Budget
1100219	CIA - Doctor Karla Hutt CIB - Associate Professor Clare Scott CIC - Doctor Matthew Wakefield	Exploring the DNA repair capacity of oocytes	Monash University	\$743,779.80
1100240	CIA - Professor Tony Tiganis CIB - Professor Michael Cowley	PTPs in the CNS control of WAT browning	Monash University	\$1,168,325.00
1100296	CIA - Doctor Yiwei Wang	The role of androgens in burn injury wound healing	ANZAC Research Institute	\$439,480.00
1100307	CIA - Doctor Antonella Papa	Role of PTEN catalytic function in suppression of cancer and metastasis	Monash University	\$758,319.00
1100310	CIA - Doctor Kim Hare CIB - Associate Professor Heidi Smith-Vaughan CIC - Professor Keith Grimwood CID - Doctor Catherine Satzke CIE - Doctor Erin Price CIF - Doctor Derek Sarovich CIG - Professor Anne Chang	Understanding the role of the two major bacterial pathogens in the upper and lower airways of Indigenous children with chronic lung disease	Menzies School of Health Research	\$743,281.95
1100376	CIA - Doctor Morgan Sangeux	A computer-aided diagnosis system for gait analysis	Murdoch Childrens Research Institute	\$333,378.80
1100377	CIA - Associate Professor Clara Chow CIB - Professor Anthony Rodgers CIC - Professor Graham Hillis CID - Professor Markus Schlaich CIE - Professor Timothy Usherwood CIF - Doctor Ruth Webster CIG - Associate Professor Laurent Billot	Quadruple Ultra-low-dose tReamenT for hypErTension - QUARTET	University of Sydney	\$1,242,864.50
1100394	CIA - Associate Professor Julie Simpson CIB - Associate Professor James McCaw CIC - Doctor Freya Fowkes CID - Professor Francois Nosten	Slowing the spread of malaria drug resistance by extending the lifespan of the artemisinin derivatives	University of Melbourne	\$391,518.00
1100417	CIA - Professor Colleen Nelson CIB - Doctor Brett Hollier CIC - Professor Martin Gleave CID - Doctor Melanie Lehman	Targeting a master regulator of tumour cell plasticity as a new adjuvant therapy for prostate cancer	Queensland University of Technology	\$780,338.00
1100432	CIA - Associate Professor Michael Kelso CIB - Professor Marie Ranson CIC - Professor Mingdong Huang	Repurposing Amiloride into Breast Cancer Drugs with a Dual-Targeting Mechanism	The University of Wollongong	\$611,966.00
1100441	CIA - Doctor Scott Ayton CIB - Doctor Peng Lei CIC - Doctor Lin Hung	Investigating the cause and consequences of iron deposition in Parkinson's disease	University of Melbourne	\$459,347.35

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1100443	CIA - Professor Linda Richards CIB - Professor Elliott Sherr CIC - Associate Professor Thomas Burne	Delayed radial glial maturation linked to NFI deficiency as an underlying cause of cortical defects in humans and mice	The University of Queensland	\$801,979.00
1100451	CIA - Doctor Rhys Allan CIB - Doctor Christopher Burns	Targeting an epigenetic pathway to treat asthma	The Walter and Eliza Hall Institute of Medical Research	\$444,085.50
1100478	CIA - Professor James Whisstock CIB - Professor Raymond Norton CIC - Doctor Ilia Voskoboinik	Structural studies on the immune effector perforin: developing mechanism-based inhibitors	Monash University	\$1,116,594.00
1100531	CIA - Associate Professor Helen Abud CIB - Associate Professor Gary Hime CIC - Professor Leanne Jones CID - Associate Professor Paul McMurrick	Role of Snail proteins in mediating intestinal stem cell identity	Monash University	\$646,698.20
1100567	CIA - Doctor Sarah Ellis	The role of the polarity protein, Par3, in haematopoiesis and leukaemogenesis	University of Melbourne	\$589,776.60
1100609	CIA - Professor Elizabeth Hartland	Novel bacterial cysteine proteases targeting innate immunity	University of Melbourne	\$797,600.00
1100626	CIA - Doctor Anthony Don CIB - Professor Brett Garner CIC - Doctor Thomas Fath CID - Doctor Hugh Rosen	Restoring neuroprotective sphingosine 1-phosphate signalling in Alzheimer's Disease	University of New South Wales	\$857,656.00
1100651	CIA - Doctor Ian Dodd CIB - Doctor Keith Shearwin CIC - Professor Kim Sneppen CID - Doctor Nan HAO	Understanding and manipulating long-range DNA looping in gene regulation	The University of Adelaide	\$351,025.00
1100654	CIA - Professor Ross Hannan CIB - Professor David Tremethick CIC - Doctor Elaine Sanij	Regulation of ribosomal RNA gene chromatin during malignant transformation.	Australian National University	\$882,485.50
1100676	CIA - Professor Ross Bathgate CIB - Associate Professor Paul Gooley CIC - Doctor Daniel Scott CID - Doctor Michael Griffin CIE - Doctor Simone Weyand	Unravelling the binding and activation mechanism of a complex G protein-coupled receptor	University of Melbourne	\$1,041,638.00
1100696	CIA - Associate Professor James Ward CIB - Associate Professor Rebecca McKetin CIC - Professor Carla Treloar CID - Professor Katherine Conigrave CIE - Associate Professor Adrian Dunlop CIF - Associate Professor Edward Wilkes CIG - Professor Dennis Gray CIH - Doctor Brendan Quinn CII - Doctor Handan Wand CIJ - Associate Professor Nadine Ezard	Novel interventions to address methamphetamines in Aboriginal communities, including a randomised trial of a web based therapeutic tool used to treat dependence in clinical settings.	South Australian Health and Medical Research Institute Limited	\$2,177,908.10

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1100737	CIA - Doctor Rommel Mathias	Blocking Human Cytomegalovirus: Targeting Host Organelle Remodelling and the Viral Assembly Complex	La Trobe University	\$553,477.00
1100771	CIA - Doctor Till Boecking CIB - Doctor Stuart Turville CIC - Doctor Yann Gambin	Discovery and mechanisms of host cell factors in HIV uncoating	University of New South Wales	\$635,097.50
1100803	CIA - Doctor Connie Jackaman CIB - Doctor Hannah Crabb CIC - Doctor Danielle Dye	Reprogramming macrophage function in the elderly to rescue impaired inflammatory responses to muscle injury	Curtin University of Technology	\$410,983.00
1100807	CIA - Doctor Bhupinder Pal	Single cell genetic profiling to reveal molecular and cellular changes in BRCA preneoplastic tissue	The Walter and Eliza Hall Institute of Medical Research	\$198,765.92
1100822	CIA - Professor Louisa Degenhardt CIB - Professor Fiona Blyth CIC - Professor Richard Mattick CID - Doctor Marian Shanahan CIE - Professor Milton Cohen CIF - Associate Professor Nicholas Lintzeris CIG - Associate Professor Raimondo Bruno CIH - Doctor Suzanne Nielsen CII - Associate Professor Timothy Dobbins CIJ - Doctor Briony Larance	Pharmaceutical opioids for chronic non-cancer pain: Evaluating health outcomes and economic impact over five years	University of New South Wales	\$775,921.60
1100919	CIA - Doctor Ali Zaid	Spatio-temporal dynamics of arbovirus infection	Griffith University	\$491,503.50
1100970	CIA - Professor Melissa Little CIB - Doctor Alicia Oshlack	Generating mini-kidneys from stem cells	Murdoch Childrens Research Institute	\$907,486.50
1100992	CIA - Doctor Christopher Williams CIB - Doctor Steven Kamper	HELP - A healthy lifestyle intervention for patients with chronic low back pain	The University of Newcastle	\$686,127.35
1101035	CIA - Doctor Alicia Spittle CIB - Associate Professor Peter Anderson CIC - Professor Lex Doyle CID - Associate Professor Jennifer McGinley CIE - Doctor Ross Clark CIF - Doctor Deanne Thompson CIG - Doctor Katherine Lee CIH - Associate Professor Jeanie Cheong	Motor trajectories of children born <30 weeks' gestation from birth to 5 years: early predictors and functional implications	Murdoch Childrens Research Institute	\$668,386.50
1101065	CIA - Doctor Thomas Astell-Burt CIB - Doctor Xiaoqi Feng	What types of local built environment synergise with, or antagonise the benefits of clinical management for the prevention of cardiovascular events among people with type 2 diabetes mellitus? Longitudinal analysis of a cohort of 20,765 Australians	University of Western Sydney	\$704,405.20
1101072	CIA - Associate Professor Matthew Sweet CIB - Professor Jennifer Stow	A new master adaptor protein for Toll-like Receptor signalling	The University of Queensland	\$869,288.00

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1101078	CIA - Associate Professor Nick Di Girolamo CIB - Professor Stephanie Watson CIC - Professor Denis Wakefield	Mapping the dynamics of corneal stem cell during aging and after wounding and transplantation	University of New South Wales	\$548,402.80
1101085	CIA - Doctor Shyuan Ngo CIB - Doctor Frederik Steyn	Bioenergetic deficit in neurodegeneration: studies in motor neuron disease (MND)	The University of Queensland	\$300,967.00
1101113	CIA - Professor Richard Lindley CIB - Professor Hisatomi Arima CIC - Professor Joanna Wardlaw CID - Professor Thompson Robinson CIE - Doctor Shoichiro Sato CIF - Professor Jiguang Wang CIG - Professor Pablo Lavados	Enhanced Control of Hypertension and Thrombolysis in Stroke Study (STAY ENCHANTED)	University of Sydney	\$2,437,383.50
1101244	CIA - Doctor Conor Kearney	Exploring the Inflammatory Signature of the anti-cancer Smac-mimetic, Birinapant, and the contribution of this signature to Birinapant anti-Tumour activity	The Walter and Eliza Hall Institute of Medical Research	\$192,322.00
1101255	CIA - Associate Professor Judith Greer CIB - Professor Bryan Mowry CIC - Associate Professor James Scott	Investigating the aetiopathogenic role of autoantibodies against the M1 muscarinic acetylcholine receptor in patients with first episode of schizophrenia	The University of Queensland	\$830,986.00
1101304	CIA - Doctor David Szmulewicz	How to diagnose ataxia	University of Melbourne	\$390,360.30
1101309	CIA - Associate Professor Melinda Coughlan CIB - Professor Mark Cooper CIC - Professor Rodney Devenish	Investigating pathways of mitochondrial quality control in diabetic kidney disease	Baker IDI Heart and Diabetes Institute Holdings Limited	\$944,517.50
1101318	CIA - Associate Professor Wallace Langdon	Inhibiting Chemotherapy-induced Myelosuppression	University of Western Australia	\$568,913.50
1101320	CIA - Professor Eric Moses CIB - Associate Professor Peter Meikle CIC - Professor John Blangero CID - Doctor Phillip Melton CIE - Professor Joseph Hung CIF - Professor John Beilby CIG - Doctor Gemma Cadby CIH - Associate Professor Marie-Pierre Dube CII - Professor Frank Van Bockxmeer CIJ - Professor Gerald Watts	The Busselton Family Heart Study	University of Western Australia	\$2,210,036.00

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1101344	CIA - Professor Katrina Allen CIB - Professor Colin Robertson CIC - Professor Mimi Tang CID - Doctor Jennifer Koplin CIE - Professor Terry Dwyer CIF - Associate Professor Lyle Gurrin CIG - Doctor Adrian Lowe	Risk factors for food allergy and the allergic march to asthma in childhood: the HealthNuts study	Murdoch Childrens Research Institute	\$1,876,795.60
1101378	CIA - Doctor Delphine Merino CIB - Doctor Shalin Naik	Deciphering tumour heterogeneity of breast cancer metastases using barcoded patient derived xenografts	The Walter and Eliza Hall Institute of Medical Research	\$583,160.50
1101405	CIA - Doctor James Vince CIB - Doctor Seth Masters CIC - Doctor James Harris	Interleukin-1 β biology: mechanisms of regulation, activation and secretion	The Walter and Eliza Hall Institute of Medical Research	\$641,979.00
1101533	CIA - Professor Ashley Bush CIB - Professor Paul Maruff CIC - Associate Professor Victor Villemagne CID - Professor Roger Ordidge CIE - Associate Professor Olivier Salvado CIF - Professor Patricia Desmond CIG - Doctor Scott Ayton	Brain iron imaging for Alzheimer's disease (AIBL-ADIRON study)	University of Melbourne	\$1,227,884.65
1101543	CIA - Doctor Joao Paulo Lima Daher	THE ROLE OF LRRK2 IN THE DISTINCT ALPHA-SYNUCLEINOPATHIES OF PARKINSON'S DISEASE AND MULTIPLE SYSTEM ATROPHY	University of New South Wales	\$497,987.00
1101552	CIA - Professor Kate Denton CIB - Associate Professor Chrishan Samuel CIC - Professor Robert Widdop CID - Associate Professor Tim Hewitson CIE - Doctor James Pearson	Understanding the cardio-protective actions of the AT2R in females: Shifting gears between AT1 and AT2 receptor balance of function with relaxin.	Monash University	\$1,049,288.00
1101553	CIA - Doctor Cornelia Landersdorfer CIB - Associate Professor John Boyce CIC - Doctor Jurgen Bulitta CID - Associate Professor Antonio Oliver CIE - Professor Roger Nation	Targeting hypermutable 'superbugs' in chronic respiratory infections by optimised antibiotic combination dosage regimens	Monash University	\$697,730.50
1101562	CIA - Doctor Ana Traven CIB - Professor Trevor Lithgow	An investigation into mitochondrial dynamics in the human pathogen Candida albicans	Monash University	\$581,966.00
1101615	CIA - Doctor Mark Baker CIB - Professor Robert Aitken	Understanding idiopathic male infertility: Biomarkers to assist in the diagnosis and assisted reproductive technology outcomes	The University of Newcastle	\$411,012.00

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1101616	CIA - Associate Professor Anne Holland CIB - Professor Christine McDonald CIC - Professor Ajay Mahal CID - Professor Richard Wootton CIE - Professor Jennifer Alison	Telerehabilitation for chronic obstructive pulmonary disease	La Trobe University	\$697,942.20
1101620	CIA - Associate Professor Jean-Pierre Levesque CIB - Doctor Allison Pettit CIC - Doctor Francois Genet CID - Professor Dietmar Hutmacher CIE - Associate Professor Natalie Sims CIF - Doctor Marc Ruitenber	Why macrophages promote heterotopic ossifications following spinal cord injuries	The University of Queensland	\$586,950.00
1101677	CIA - Doctor Youichirou Ootsuka CIB - Professor Akihiro Yamanaka CIC - Emeritus Professor William Blessing	How the lateral habenula integrates behavioral and autonomic functions: the VTA dopamine connection	The Flinders University of South Australia	\$819,904.00
1101682	CIA - Associate Professor Ross Menzies CIB - Professor Kenneth Kirkby CIC - Doctor Susan O'Brian CID - Doctor Mark Jones CIE - Doctor Robyn Lowe	Standalone Internet anxiety treatment for stuttering: A randomised trial	University of Sydney	\$516,338.80
1101717	CIA - Doctor David Garrett CIB - Professor Michael Ibbotson CIC - Associate Professor Ann Turnley CID - Professor Steven Praver CIE - Doctor Hamish Meffin	Next generation cybernetics: Long term carbon fibre dual stimulation / recording electrode arrays for closed loop neural implants	University of Melbourne	\$679,669.50
1101719	CIA - Professor Steve Webb CIB - Doctor Colin McArthur CIC - Professor Donald Berry CID - Professor David Paterson CIE - Associate Professor Allen Cheng CIF - Associate Professor Stephane Heritier CIG - Associate Professor Jeffrey Presneill CIH - Doctor Edward Litton	Optimisation by Platform Trial Involving Multiple Interventions with Simultaneous Evaluation in Community Acquired Pneumonia (OPTIMISE-CAP)	Monash University	\$4,413,145.20
1101728	CIA - Doctor Michael Inouye CIB - Doctor Kathryn Holt CIC - Associate Professor Stephen Baker CID - Doctor Sarah Dunstan	Molecular networks and genomics of host response in typhoid fever	University of Melbourne	\$487,813.50
1101761	CIA - Associate Professor Claudine Bonder CIB - Professor Patrick Coates CIC - Professor Nicolas Voelcker CID - Doctor Claire Jessup	Desmoglein-2; a novel lifeline to treat diabetes	University of South Australia	\$609,064.30

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1101765	CIA - Professor Simon Finfer CIB - Professor John Myburgh CIC - Professor Rinaldo Bellomo CID - Doctor Paul Young CIE - Associate Professor David Gattas CIF - Doctor Manoj Saxena CIG - Associate Professor Martin Gallagher CIH - Doctor Colman Taylor CII - Ms Naomi Hammond	Plasma-Lyte 148® versus Saline (PLUS) Trial	University of Sydney	\$5,984,818.90
1101813	CIA - Professor Stephen Kent CIB - Doctor Matthew Parsons	Antibody prevention and treatment of HIV	University of Melbourne	\$1,109,786.50
1101836	CIA - Professor Sharon Lewin CIB - Associate Professor Paul Cameron CIC - Doctor Jacob Estes CID - Associate Professor Melissa Churchill CIE - Associate Professor Sarah Palmer CIF - Doctor Anchalee Avihingsanon CIG - Associate Professor Peter Revill CIH - Professor Stephen Locarnini CII - Doctor Angela Kashuba CIJ - Doctor Megan Crane	Long term persistence of HIV in the liver and the clinical impact on HIV-HBV co-infection	University of Melbourne	\$1,393,244.80
1101837	CIA - Professor Graeme Young CIB - Professor Carlene Wilson CIC - Professor Richard Woodman CID - Mr Stephen Cole CIE - Doctor Gang Chen CIF - Professor Robert Fraser CIG - Doctor Erin Symonds	A novel multi-gene marker blood test to increase community participation in colorectal cancer screening.	The Flinders University of South Australia	\$581,116.40
1101871	CIA - Professor Stephen Tong CIB - Doctor Tu'uhevaha Kaitu'u-Lino CIC - Doctor Natalie Hannan CID - Associate Professor Laura Parry	Systematic screening approach to identify new therapeutics for preeclampsia	University of Melbourne	\$727,528.75
1101879	CIA - Professor Mark Cooper CIB - Associate Professor Hong Zhou CIC - Professor Markus Seibel CID - Doctor Michael Swarbrick CIE - Doctor Paul Lee CIF - Professor Paul Stewart	Age-Related Changes in Body Composition and Fuel Metabolism: The Role of Glucocorticoid Signalling in Osteoblasts	ANZAC Research Institute	\$820,528.00

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1101913	CIA - Professor Stephen Simpson CIB - Professor David Le Couteur CIC - Professor David James CID - Associate Professor Victoria Cogger	Molecular pathways linking nutrition and age-related health	University of Sydney	\$376,012.00
1101935	CIA - Professor Eric Reynolds CIB - Professor Stuart Dashper CIC - Associate Professor Glen Scholz CID - Doctor Paul Veith CIE - Associate Professor Neil O'Brien-Simpson	The role of Porphyromonas gingivalis outer membrane vesicle biogenesis in virulence and immunomodulation	University of Melbourne	\$734,288.00
1101953	CIA - Associate Professor Brett Nixon CIB - Professor Robert Aitken CIC - Professor Eileen McLaughlin	Investigation of the mechanisms underpinning HSPA2 dysfunction in the spermatozoa of infertile patients	The University of Newcastle	\$481,563.20
1101974	CIA - Doctor Brent Neumann CIB - Associate Professor Massimo Hilliard	The role of membrane phospholipids in regenerative axonal fusion	Monash University	\$571,950.00
1101989	CIA - Professor Nicole Rinehart CIB - Doctor Emma Sciberras CIC - Associate Professor Harriet Hiscock CID - Professor Katrina Williams CIE - Professor Jane McGillivray CIF - Emeritus Professor Patricia Howlin CIG - Doctor Nicole Papadopoulos	Tailoring a brief sleep intervention for autism: a randomised controlled trial	Deakin University	\$401,474.50
1102006	CIA - Doctor Carl Walkley CIB - Doctor Jin Billy Li CIC - Associate Professor Kaylene Simpson	Why does endogenous RNA need A-to-I editing?	St Vincent's Institute of Medical Research	\$794,332.10
1102012	CIA - Associate Professor Tim Karl CIB - Professor Cynthia Shannon Weickert	Neuregulin 1 Type III Overexpression and Schizophrenia	University of New South Wales	\$651,966.00
1102018	CIA - Doctor Mustafa Khasraw CIB - Associate Professor Lara Lipton CIC - Doctor Lorraine Chantrill CID - Associate Professor Michael Hofman CIE - Professor Margaret Ackland CIF - Associate Professor Michael Michael CIG - Doctor Michael Christie CIH - Associate Professor Anthony Gill CII - Ms Kate Wilson	NABNEC: A Randomised Phase II Study Of Nab-paclitaxel In Combination With Carboplatin As First Line Treatment Of Gastrointestinal Neuroendocrine Carcinomas	University of Sydney	\$1,393,082.86
1102059	CIA - Associate Professor Daniel Hatters CIB - Doctor Alicia Oshlack	Pathogenic and adaptive molecular interactions with mutant huntingtin exon 1	University of Melbourne	\$727,116.50

APP ID	CI Team	Application Title	Administering Institution	Recommended Budget
1102092	CIA - Doctor Hitesh Peshavariya CIB - Professor Jonathan Crowston CIC - Professor Gregory Dusting	A non-cytotoxic approach to reduce ocular fibrosis following surgery in glaucoma	Centre for Eye Research Australia Limited	\$586,979.00
1102097	CIA - Professor Greg Murray CIB - Associate Professor Erin Michalak CIC - Professor Michael Kyrios CID - Professor Sheri Johnson CIE - Professor Steven Jones CIF - Doctor Neil Thomas	Improving quality of life in late stage bipolar disorder: RCT of a novel psychological treatment	Swinburne University of Technology	\$1,083,620.20
1102106	CIA - Professor Trevor Mori CIB - Emeritus Professor Lawrie Beilin CIC - Professor Eric Moses CID - Professor Gerald Watts CIE - Associate Professor Leon Adams	Genetic And Early Life Predictors Of Ectopic Fat And Their Association With Cardiometabolic Health And Disease	University of Western Australia	\$1,706,135.50
1102147	CIA - Professor Jonathan Baell CIB - Doctor Darren Creek CIC - Professor Vicky Avery CID - Associate Professor Michael Edstein CIE - Doctor Stuart Ralph	New treatments for malaria targeting both the sexual and asexual stages of the causative parasite, Plasmodium falciparum	Monash University	\$731,154.60
1102170	CIA - Associate Professor Vitali Sintchenko CIB - Associate Professor Ruiting Lan CIC - Professor Edward Holmes CID - Doctor Matthew O'Sullivan CIE - Doctor Tanya Golubchik CIF - Professor Gwendolyn Gilbert	Genomics dissection and prevention of bacterial transmission events	University of Sydney	\$891,290.00
1102172	CIA - Doctor Kenneth Micklethwaite CIB - Professor David Gottlieb CIC - Professor Peter Shaw CID - Doctor Luciano Dalla-Pozza CIE - Associate Professor Tracey O'Brien CIF - Doctor Toby Trahair	A Phase I Study of PiggyBac CD19 Specific Chimeric Antigen Receptor T-cells for Therapy of Persistent and Relapsed B-cell Leukaemia and Lymphoma Post Allogeneic Stem Cell Transplantation (The CARTELL Study).	University of Sydney	\$357,589.80

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1102198	CIA - Doctor Lois Holloway CIB - Associate Professor Annette Haworth CIC - Doctor Jason Dowling CID - Professor Martin Ebert CIE - Mr Michael Jameson CIF - Professor Tomas Kron CIG - Associate Professor Shalini Vinod CIH - Associate Professor Trevor Leong CII - Professor Peter Greer CIJ - Professor Carien Creutzberg	Reducing the greatest uncertainty in radiotherapy.	University of New South Wales	\$594,197.40
1102207	CIA - Professor Martin Delatycki CIB - Doctor Eppie Yiu CIC - Doctor Louise Corben CID - Associate Professor Noel Cranswick CIE - Associate Professor Paul Lockhart CIF - Professor George Wilmot CIG - Professor Phillipa Lamont CIH - Associate Professor John O'Sullivan	A randomised placebo-controlled crossover trial of micronised resveratrol as a treatment for Friedreich ataxia	Murdoch Childrens Research Institute	\$556,287.35
1102267	CIA - Doctor Irina Vetter CIB - Doctor Mehdi Mobli CIC - Doctor Katharina Zimmermann	A pharmacological approach to define the contribution of Nav1.7 to pain pathways	The University of Queensland	\$501,466.50
1102286	CIA - Professor Hung Nguyen CIB - Professor Timothy Jones CIC - Professor Tuan Nguyen	Non-invasive detection of hypoglycaemia in people with diabetes using brain wave activity	University of Technology Sydney	\$330,447.40
1102297	CIA - Professor Ivo Mueller CIB - Professor Daniel Schofield CIC - Doctor Wai-Hong Tham CID - Associate Professor Harin Karunajeewa CIE - Doctor Leanne Robinson CIF - Doctor Jetsumon Prachumsri CIG - Doctor Moses Laman	Novel serological tools to aid malaria elimination in the Asia-Pacific	The Walter and Eliza Hall Institute of Medical Research	\$1,362,749.25
1102306	CIA - Professor Christopher Little CIB - Doctor Anthony Ashton CIC - Professor John Bateman	ARC, a newly identified regulator of chondrocyte differentiation and death, is a novel therapeutic target for OA	University of Sydney	\$763,983.00
1102322	CIA - Professor Robin Gasser CIB - Doctor Neil Young CIC - Doctor Aaron Jex CID - Professor David Rollinson CIE - Professor Paul Brindley	Genome-based tools to support urogenital schistosomiasis control	University of Melbourne	\$429,644.00
1102342	CIA - Professor Merlin Thomas CIB - Professor Assam El-Osta	The Persisting Vascular Effects of Activation of the Renin-Angiotensin System	Baker IDI Heart and Diabetes Institute Holdings Limited	\$628,455.50

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1102365	CIA - Associate Professor Katherine Andrews CIB - Doctor Tina Skinner-Adams CIC - Doctor Jack Ryan CID - Doctor Oliver Hutt CIE - Professor Andrew Davey	New drugs for malaria prevention	Griffith University	\$695,557.20
1102373	CIA - Professor Sally Dunwoodie CIB - Doctor Joshua Ho CIC - Professor Paul Thomas CID - Doctor Kazu Kikuchi	Identifying genes required for vertebral column and heart formation	Victor Chang Cardiac Research Institute Limited	\$950,417.50
1102394	CIA - Professor Eoin Killackey CIB - Professor John Gleeson CIC - Associate Professor Mario Alvarez-Jimenez CID - Professor Patrick McGorry CIE - Associate Professor Christopher Nelson CIF - Doctor Cali Bartholomeusz CIG - Doctor Sarah Bendall CIH - Doctor Kelly Allott CII - Ms Susan Harrigan CIJ - Doctor Peter Koval	Does Antipsychotic Dose Reduction Lead to Better Functional Recovery in First Episode Psychosis: A Randomised Controlled Trial	University of Melbourne	\$2,371,552.15
1102398	CIA - Professor Wolfgang Weninger CIB - Doctor Ben Roediger CIC - Professor Marcus Maurer	Mast cell precursors and skin disease	University of Sydney	\$787,600.00
1102421	CIA - Professor Alexander Khromykh CIB - Professor Andreas Suhrbier	Host genes controlling Flavivirus infection: new insights and application for developing highly effective Kunjin replicon-based Ebola vaccine	The University of Queensland	\$736,995.00
1102468	CIA - Doctor Katherine Lee CIB - Professor John Carlin CIC - Associate Professor Julie Simpson CID - Doctor Ian White	Implementing multiple imputation with sensitivity analysis in large-scale longitudinal studies	Murdoch Childrens Research Institute	\$473,507.00
1102477	CIA - Professor Andrew Allen CIB - Doctor Clement Menuet CIC - Doctor Angelina Fong CID - Doctor Simon McMullan	Understanding factors involved in the development of hypertension	University of Melbourne	\$757,491.50
1102494	CIA - Professor Scott Bell CIB - Associate Professor Geraint Rogers CIC - Doctor Rachel Thomson CID - Professor Claire Wainwright CIE - Professor Archie Clements CIF - Professor Rodrigo Floto	The emerging problem of non-tuberculous mycobacteria infection: understanding aetiology, geospatial epidemiology and developing interventions	The Council of the Queensland Institute of Medical Research	\$988,791.40
1102564	CIA - Professor Stuart Hooper CIB - Professor Peter Davis CIC - Associate Professor Arjan tePas CID - Doctor Marcus Kitchen	Optimising non-invasive ventilation at birth for preterm infants	Monash University	\$735,912.00

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1102568	CIA - Professor Robert Casson CIB - Professor Jonathan Crowston CIC - Doctor Glyn Chidlow CID - Doctor John Wood	Retinal Ganglion Cell Bioenergetics with Clinical Translation	The University of Adelaide	\$725,912.75
1102589	CIA - Associate Professor John Pimanda CIB - Professor Bertie Gottgens CIC - Doctor Jason Wong CID - Associate Professor Oleg Igoshin CIE - Associate Professor Jonas Larsson	Investigating the Transcriptional Circuitry of Normal Human Haematopoietic and Leukaemic Cells	University of New South Wales	\$698,796.50
1102595	CIA - Professor Andrew Chanen CIB - Professor Patrick McGorry CIC - Associate Professor Christopher Nelson CID - Associate Professor Susan Cotton CIE - Emeritus Professor Henry Jackson CIF - Doctor Katherine Thompson CIG - Doctor Cali Bartholomeusz CIH - Doctor Martina Jovev	Randomised controlled trial of aripiprazole for treatment of auditory verbal hallucinations in borderline personality disorder	University of Melbourne	\$2,748,147.95
1102597	CIA - Associate Professor James Triccas CIB - Professor Nikolai Petrovsky CIC - Professor Warwick Britton	Multistage vaccines for the prevention of tuberculosis	University of Sydney	\$884,290.00
1102609	CIA - Professor Richard Pearson CIB - Doctor George Thomas	UNDERSTANDING THE MOLECULAR MECHANISMS CONTROLLING NUCLEOLAR SURVEILLANCE IN DISEASE	University of Melbourne	\$855,972.00
1102628	CIA - Professor Vera Morgan CIB - Professor John McGrath CIC - Professor Cherrie Galletly CID - Associate Professor Carol Harvey CIE - Professor David Castle CIF - Doctor Martin Cohen CIG - Professor Assen Jablensky CIH - Professor Vaughan Carr CII - Doctor Amanda Neil CIJ - Ms Anna Waterreus	An empirical framework for assessing mortality and morbidity in people with psychotic disorders: A 7-year prospective and 10-year retrospective follow-up of 2075 participants in the Survey of High Impact Psychosis (SHIP) using linked registers	University of Western Australia	\$751,875.50
1102704	CIA - Associate Professor Clare Parish CIB - Professor Colin Pouton	Standardising protocols for the differentiation and integration of human pluripotent stem cell-derived neural transplants in Parkinson's disease	University of Melbourne	\$987,664.10

APP ID	CI Team	Application Title	Administering Institution	Recommended Budget
1102718	CIA - Professor Matthew Wilce CIB - Associate Professor Jacqueline Wilce CIC - Professor Bert Semler	Defining Poly-C-binding protein/RNA complex antiviral targets.	Monash University	\$596,995.00
1102730	CIA - Doctor Jeremie Rossy CIB - Doctor Nicholas Ariotti	A signalling endosomal network in T cell activation	University of New South Wales	\$428,016.00
1102732	CIA - Professor Graeme Jones CIB - Associate Professor Anita Wluka CIC - Associate Professor Catherine Hill CID - Professor Lyn March CIE - Doctor Helen Keen CIF - Doctor Laura Laslett	A randomised trial of krill oil for osteoarthritis of the knee	University of Tasmania	\$751,491.20
1102882	CIA - Doctor Greg Tesch CIB - Associate Professor David Nikolic-Paterson CIC - Doctor Morag Young	Mineralocorticoid Receptor-Mediated Injury in Progressive Kidney Disease	Monash University	\$707,008.00
1102943	CIA - Associate Professor Luke Wolfenden CIB - Professor John Wiggers CIC - Professor Victoria Flood CID - Professor Chris Rissel CIE - Doctor Sze Lin Yoong	A randomised controlled trial of a web-based, organisational systems change intervention to increase childcare service adherence to dietary guidelines	The University of Newcastle	\$1,044,145.00
1102961	CIA - Associate Professor Neil Spratt	A new understanding of stroke pathophysiology: late infarct expansion may be under-recognised and easily preventable.	The University of Newcastle	\$411,495.50
1102964	CIA - Doctor Allison Pettit CIB - Associate Professor Jean-Pierre Levesque CIC - Doctor Liza Raggatt CID - Professor David Hume CIE - Professor Andrew Perkins	Recipient bone marrow macrophages contribute to haematopoietic stem cell transplantation success	The University of Queensland	\$608,905.50
1102997	CIA - Doctor Tanya Davison CIB - Professor Marita McCabe CIC - Professor Daniel O'Connor CID - Doctor Ljoudmila Busija	A cluster RCT of a novel psychological intervention to reduce depression among at-risk older adults transitioning to residential aged care	Monash University	\$893,151.50
1103015	CIA - Professor Caroline Homer CIB - Professor Rosalie Viney CIC - Professor David Sibbritt CID - Professor Maralyn Foureur CIE - Professor Hannah Dahlen CIF - Doctor Charlene Thornton CIG - Doctor Milica Kecmanovic	Costing the Place of Birth in NSW: New knowledge to support maternity service reform	University of Technology Sydney	\$269,477.50
1103026	CIA - Professor Michael Parker CIB - Doctor Luke Miles CIC - Doctor Craig Morton	Amyloid Precursor Protein Signalosome: directing Abeta production in Alzheimer's disease	St Vincent's Institute of Medical Research	\$681,459.40

APP ID	CI Team	Application Title	Administering Institution	Recommended Budget
1103034	CIA - Doctor John Lin	Detection and manipulation of neuronal activities with a synthetic optogenetic activity-reporting transcription system	University of Tasmania	\$391,012.00
1103068	CIA - Professor Brendan Jenkins CIB - Doctor Daniel Gough	Targeting mitochondrial STAT3 in gastric cancer	Monash University	\$691,950.00
1103176	CIA - Associate Professor Brett Nixon CIB - Professor Eileen McLaughlin	The role of dynamin in spermatogenesis, sperm maturation and sperm-oocyte interactions	The University of Newcastle	\$551,950.00
1103193	CIA - Professor Michael Cowley CIB - Professor Tony Tiganis	Cardiovascular effects of enhanced leptin signalling	Monash University	\$1,200,972.00
1103238	CIA - Doctor Arthur Thevathasan CIB - Professor Peter Brown CIC - Professor Hugh McDermott CID - Doctor Kristian Bulluss CIE - Doctor Thushara Perera	Closed-loop deep brain stimulation: Optimising treatment of Parkinson's disease using adaptive stimulation	University of Melbourne	\$726,177.20
1103242	CIA - Professor Rachel Huxley CIB - Doctor Nirmala Pandeya CIC - Professor Gita Mishra CID - Associate Professor Dianna Magliano CIE - Professor Stephen Colagiuri CIF - Doctor Lennert Veerman CIG - Professor Julie Pasco CIH - Doctor Crystal Lee	Obesity, Pre-diabetes and Future Risk of Diabetes: Maximising the evidence, minimising the cost	Curtin University of Technology	\$470,135.50
1103244	CIA - Associate Professor Paul Ekert CIB - Doctor Hayley Ramshaw CIC - Doctor Gabriela Brumatti	Interleukin-3 receptor signaling is a driver of myeloid leukaemia and a significant therapeutic target	Murdoch Childrens Research Institute	\$601,966.00
1103252	CIA - Doctor Andrew Zalesky CIB - Professor Christos Pantelis CIC - Professor Dennis Velakoulis	Resilient brain networks in patients with schizophrenia and their unaffected siblings	University of Melbourne	\$474,226.30
1103262	CIA - Professor Beverley-Ann Biggs CIB - Professor Michael Dibley CIC - Doctor Sant-Rayn Pasricha CID - Professor Shams El Arifeen CIE - Doctor Tim Spelman CIF - Doctor Jena Hamadani CIG - Professor Sally Grantham-Mcgregor CIH - Professor Jane Fisher	Defining the impact of universal iron interventions in young children: a randomized controlled trial in rural Bangladesh	University of Melbourne	\$2,794,372.68
1103279	CIA - Associate Professor Barbara Coulson CIB - Professor Maria Craig	Understanding how virus infection accelerates type 1 diabetes development	University of Melbourne	\$610,774.00

APP ID	CI Team	Application Title	Administering Institution	Recommended Budget
1103352	CIA - Associate Professor Michael Kershaw CIB - Associate Professor Phillip Darcy	Adoptive Cell Transfer Incorporating Vaccination (ACTIV) Therapy for Cancer	University of Melbourne	\$601,950.00
1103367	CIA - Doctor Annette Fox CIB - Doctor Ian Barr CIC - Doctor Kim Jacobson CID - Associate Professor Heiman Wertheim CIE - Derek Smith CIF - Associate Professor Scott Boyd CIG - Associate Professor Le Mai	How do cross-reactive memory B cells affect influenza vaccine titers?	University of Melbourne	\$798,048.80
1103389	CIA - Doctor David Godler CIB - Associate Professor Howard Slater CIC - Associate Professor David Amor CID - Doctor Quang Bui CIE - Associate Professor Lesley Bretherton CIF - Doctor Richard Norman CIG - Doctor Michael Field	Novel Fragile X Syndrome prevalence estimates in 100,000 Australian newborns, prognostic and health-economic outcomes: a retrospective newborn screening study	Murdoch Childrens Research Institute	\$769,866.39
1103418	CIA - Doctor Jacob Gratten CIB - Professor Peter Visscher	Genetic analysis of the relationship between parental age and risk of psychiatric disorders	The University of Queensland	\$301,012.00
1103439	CIA - Professor Leonie Segal CIB - Professor David Preen CIC - Professor Paul Delfabbro CID - Professor Derek Brown	Health and social consequences of child abuse and neglect: an analysis using South Australian linked data	University of South Australia	\$684,447.00
1103571	CIA - Doctor Rene Koopman CIB - Professor Gordon Lynch	Advancing Glycine to the Clinic for Duchenne Muscular Dystrophy	University of Melbourne	\$248,978.00
1103604	CIA - Associate Professor Kieran Harvey CIB - Doctor Louise Cheng	The Hippo pathway, neural stem cells and brain growth	University of Melbourne	\$363,136.75
1103611	CIA - Professor Ronald Rapee CIB - Professor Jennifer Hudson CIC - Professor Michael Jones CID - Doctor Viviana Wuthrich CIE - Doctor Lauren McLellan	Increasing the efficacy of treatment for socially anxious youth through theoretically derived improvements	Macquarie University	\$971,747.40
1103618	CIA - Associate Professor Sandra Cooper	Dysferlin and the emergency vesicle fusion of membrane repair	University of Sydney	\$481,495.50
1103685	CIA - Associate Professor Anthony Papenfuss CIB - Professor David Thomas CIC - Doctor Timothy Mercer	Mechanistic and Functional Drivers of Neochromosome Evolution	The Walter and Eliza Hall Institute of Medical Research	\$763,771.25
1103689	CIA - Doctor Hayden Homer CIB - Professor David Sinclair CIC - Doctor Lindsay Wu	Female reproductive health preservation by Nicotinamide Adenine Dinucleotide (NAD+) and Sirtuin2 (SIRT2)	University of New South Wales	\$410,983.00

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1103712	CIA - Doctor Michael Samuel CIB - Associate Professor Michele Grimaldeston CIC - Associate Professor Andrew Ruskiewicz	Defining the function of ROCK in establishing a tumour-promoting microenvironment	University of South Australia	\$611,950.00
1103713	CIA - Doctor Michael Samuel CIB - Professor Stuart Pitson CIC - Professor Allison Cowin	Defining the mechanisms regulating tissue mechano-reciprocity in wound healing	University of South Australia	\$624,488.37
1103733	CIA - Associate Professor Jodie Simpson CIB - Doctor Katherine Baines CIC - Doctor Jay Horvat CID - Associate Professor Johan Bylund	Galectin-3 and phagocyte function in severe asthma	The University of Newcastle	\$698,083.60
1103745	CIA - Doctor Jenny Downs CIB - Associate Professor Helen Leonard CIC - Professor Katrina Williams CID - Doctor Elise Davis CIE - Professor Dinah Reddihough CIF - Professor Andrew Whitehouse CIG - Associate Professor Peter Jacoby	Characterising quality of life and its determinants for children with intellectual disability and their families	University of Western Australia	\$520,874.00
1103746	CIA - Doctor Jenny Downs CIB - Associate Professor Helen Leonard CIC - Professor Julian Trollor CID - Professor Elizabeth Geelhoed CIE - Professor Lakshmi Nagarajan CIF - Doctor Andrew Wilson CIG - Professor David Forbes CIH - Doctor Madhur Ravikumara CII - Associate Professor Peter Jacoby CIJ - Doctor Kingsley Wong	Does gastrostomy improve the lives of children with severe disability and their families?	University of Western Australia	\$645,101.00
1103757	CIA - Professor Glenda Halliday CIB - Doctor Nicolas Dzamko CIC - Doctor Joao Paulo Lima Daher CID - Professor Carolyn Sue	Neuronal toll-like 2 receptors contribute to the spread of Parkinson's disease	University of New South Wales	\$900,010.00
1103782	CIA - Associate Professor Livia Hool CIB - Professor Christopher Semsarian CIC - Professor Killugudi Swaminatha-Iyer	A novel therapy for the prevention and treatment of familial hypertrophic cardiomyopathy	University of Western Australia	\$835,972.00
1103789	CIA - Associate Professor Daniel Chambers CIB - Associate Professor Peter Hopkins CIC - Professor Allan Glanville CID - Associate Professor Glen Westall CIE - Professor Mark Holmes	Conquering the final frontier in lung transplantation - Mesenchymal stromal cell therapy for chronic lung allograft dysfunction	The University of Queensland	\$1,887,790.00

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1103804	CIA - Associate Professor Elizabeth McGraw CIB - Professor Paul Young CIC - Professor Edward Holmes	The genetic basis of pathogen blocking: elucidating the contributions of the Wolbachia, dengue virus and mosquito genomes	Monash University	\$736,338.80
1103858	CIA - Doctor Patrick Humbert	Cellular and Molecular Characterization of Erythroid Eucleation	University of Melbourne	\$671,950.00
1103862	CIA - Associate Professor Daniel Chambers CIB - Associate Professor Peter Hopkins CIC - Doctor Stephanie Yerkovich CID - Doctor Nicole Isbel CIE - Doctor Timothy Sladden	Protecting the endothelial glycocalyx to improve transplant rates and outcomes	The University of Queensland	\$725,179.60
1103871	CIA - Doctor Patrick Humbert CIB - Doctor Marc Kvensakul CIC - Professor Sarah Russell CID - Associate Professor Helena Richardson	Deciphering the role of Scribble in Development and Disease	University of Melbourne	\$628,788.50
1103886	CIA - Associate Professor Clara Chow CIB - Professor Stephen MacMahon CIC - Professor Hisatomi Arima CID - Professor Oscar Benavente CIE - Professor Rustam Al-Shahi Salman CIF - Professor Thompson Robinson CIG - Professor Jiguang Wang CIH - Doctor Shoichiro Sato	Triple therapy prevention of Recurrent Intracerebral Disease EveNts Trial (TRIDENT)	University of Sydney	\$5,256,291.90
1103891	CIA - Professor Pankaj Sah	Auditory processing in the amygdala	The University of Queensland	\$1,009,956.00
1103923	CIA - Associate Professor Bruno van Swinderen CIB - Doctor Victor Anggono	Molecular mechanisms underlying recovery from general anaesthesia	The University of Queensland	\$335,983.00
1103944	CIA - Doctor Thomas Gebhardt	CD4 memory T-cell dynamics in peripheral tissues	University of Melbourne	\$849,134.50
1103951	CIA - Doctor Barbara Rolfe CIB - Associate Professor Trent Woodruff CIC - Doctor Glen Boyle CID - Professor Ruben Pio	Targeting the Complement Cascade: A Novel Therapeutic Strategy for Metastatic Melanoma	The University of Queensland	\$546,495.50
1103979	CIA - Professor Patrick Kwan CIB - Doctor Slavé Petrovski CIC - Professor Pak Sham	Genomics of antiepileptic drug-induced Stevens Johnson syndrome	University of Melbourne	\$500,816.50
1103980	CIA - Doctor Willem Lesterhuis CIB - Professor Richard Lake CIC - Doctor Anthony Bosco CID - Associate Professor Joel Dudley CIE - Professor Anna Nowak	Resetting the tipping point: Converting immune checkpoint non-responders into responders.	University of Western Australia	\$455,134.80
1103991	CIA - Professor Christopher O'Neill	Epigenetic regulation of cell lineage differentiation in the early embryo	University of Sydney	\$440,983.00

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1104000	CIA - Associate Professor Geraint Rogers CIB - Associate Professor David Serisier CIC - Professor David Gordon CID - Professor Grant Waterer CIE - Doctor Rachel Thomson	Long-term macrolide therapy; oropharyngeal dysbiosis and the spread of resistant pathogens	The Flinders University of South Australia	\$384,152.50
1104007	CIA - Associate Professor Peter McEvoy CIB - Professor Michelle Moulds CIC - Associate Professor Jessica Grisham CID - Professor Emily Holmes CIE - Associate Professor David Moscovitch CIF - Doctor Delia Hendrie	Imagery as an enhancer of cognitive behaviour therapy outcomes for social anxiety disorder: a randomised controlled trial	Curtin University of Technology	\$481,624.00
1104010	CIA - Associate Professor Christopher Hovens CIB - Doctor Niall Corcoran CIC - Professor Anthony Costello CID - Doctor Geoff Macintyre CIE - Doctor David Wedge CIF - Doctor Peter Loo CIG - Professor Steven Bova CIH - Professor Nitzan Rosenfeld	Tracking the origins and drivers of metastasis in prostate cancer	University of Melbourne	\$1,022,600.00
1104031	CIA - Professor Andrew Zannettino CIB - Doctor Daniel Worthley CIC - Professor Peter Croucher CID - Associate Professor Siddhartha Mukherjee CIE - Associate Professor Simon Leedham CIF - Doctor Lynn Fink	Why is the bone marrow a "hot-spot" for myeloma plasma cell metastasis: are there Gremlins in the system?	The University of Adelaide	\$651,979.00
1104036	CIA - Doctor Connie Wong CIB - Professor Christopher Sobey CIC - Professor Michael Hickey	Better targets and drugs for improving stroke outcome?	Monash University	\$1,085,972.00
1104134	CIA - Professor Dianne Campbell CIB - Professor Ralph Nanan CIC - Doctor Trevor Lockett CID - Doctor Julie Clarke CIE - Doctor Nanju Lee CIF - Doctor Melanie Wong	Modified peanut allergen combined with a novel dietary adjuvant as a cure for peanut allergy: a randomised controlled trial	University of Sydney	\$1,130,021.20
1104139	CIA - Professor Michael MacManus CIB - Associate Professor Olga Martin CIC - Professor Erik Thompson CID - Doctor Maximilian Diehn CIE - Professor David Ball	Prognostic significance of circulating tumour biomarkers in patients treated with curative-intent radiotherapy for NSCLC	University of Melbourne	\$877,098.20

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1104145	CIA - Doctor Matthew McCormack CIB - Doctor Ian Majewski	Understanding the multistep pathogenesis of T-cell leukaemia	The Walter and Eliza Hall Institute of Medical Research	\$701,992.00
1104165	CIA - Doctor Michael Inouye CIB - Doctor Jason Tye-Din CIC - Doctor Gad Abraham CID - Associate Professor Joanne Lind	Genomic risk of coeliac disease in first-degree relatives	University of Melbourne	\$631,756.60
1104184	CIA - Associate Professor Chao Deng CIB - Doctor Jiamei Lian	Understanding the mechanisms for ameliorating/preventing antipsychotic-induced obesity in early life	The University of Wollongong	\$576,495.50
1104186	CIA - Professor Nigel McMillan CIB - Professor Brian Gabrielli CIC - Doctor James Wells	Aurora A as a novel therapeutic target for HPV-driven cancers.	Griffith University	\$762,327.50
1104190	CIA - Professor Peter Currie	Mechanisms of muscle stem cell action in injury and disease.	Monash University	\$812,600.00
1104194	CIA - Associate Professor David Copland CIB - Associate Professor Katie McMahon CIC - Associate Professor Marcus Meinzer CID - Professor Greig de Zubizaray	Predicting and Promoting Aphasia Recovery	The University of Queensland	\$710,135.50
1104219	CIA - Doctor Gerald Liew CIB - Professor Paul Mitchell CIC - Associate Professor Bamini Gopinath CID - Doctor Annette Kifley CIE - Professor Tien Wong	A Randomised, Multi-Centre, Placebo Controlled Trial of Fenofibrate for Treatment of Diabetic Macular Oedema with Economic Evaluation (FORTE Study)	University of Sydney	\$1,588,132.20
1104231	CIA - Professor David Simmons CIB - Professor William Hague CIC - Professor Helena Teede CID - Professor Ngai Cheung CIE - Professor Christopher Nolan CIF - Professor Michael Peek CIH - Associate Professor Federico Gerosi CII - Professor Christopher Cowell	The Treatment Of BBooking Gestational diabetes Mellitus Study: The TOBOGM study	University of Western Sydney	\$2,197,279.95
1104237	CIA - Doctor Gavin Williams CIB - Professor Meg Morris CIC - Professor Louise Ada CID - Associate Professor Adam Bryant CIE - Professor John Olver CIF - Doctor Ross Clark CIG - Doctor Leanne Hassett	Improving mobility after traumatic brain injury with ballistic strength training	University of Melbourne	\$661,430.40

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1104241	CIA - Associate Professor John Furler CIB - Professor James Best CIC - Associate Professor David O'Neal CID - Professor Jane Speight CIE - Doctor Irene Blackberry CIF - Professor Kamlesh Khunti CIG - Doctor Kim Dalziel	General Practice Optimising Structured MONitoring To Improve Clinical outcomes in Type 2 Diabetes: GP-OSMOTIC T2D	University of Melbourne	\$864,980.40
1104259	CIA - Associate Professor Toby Allen CIB - Doctor Brett Cromer CIC - Professor Marc Delarue CID - Professor Joseph Lynch	How do anaesthetics work? A rational basis for safer general anaesthesia.	RMIT University	\$592,008.00
1104281	CIA - Doctor Damian Hussey CIB - Professor David Watson CIC - Doctor Bas Wijnhoven CID - Associate Professor David Lynn CIE - Associate Professor Christos Karapetis CIF - Professor Reginald Lord CIG - Professor Michael Bourke	Blood serum microRNA biomarkers for oesophageal cancer	The Flinders University of South Australia	\$495,432.60
1104288	CIA - Professor Paul Haber CIB - Doctor Kirsten Morley CIC - Professor Maree Teesson CID - Professor Henry Kranzler CIE - Doctor Marian Shanahan CIF - Professor Ron Trent CIG - Associate Professor Andrew Baillie CIH - Doctor Natasha Luquin	Defining the clinical role of topiramate in the treatment of alcohol dependence in Australia	University of Sydney	\$718,836.35
1104295	CIA - Doctor Bradley Turner CIB - Professor Philip Beart CIC - Professor Kevin Talbot	Targeting autophagy to improve protein metabolism in ALS	University of Melbourne	\$586,001.25
1104299	CIA - Doctor Bradley Turner CIB - Doctor Mary-Louise Rogers CIC - Professor Kevin Talbot	SMN immunogene therapy for motor neuron disorders	University of Melbourne	\$591,966.00
1104300	CIA - Associate Professor Jeanie Cheong CIB - Professor Lex Doyle CIC - Professor John Wark CID - Associate Professor Michael Cheung CIE - Associate Professor Louis Irving CIF - Doctor Alice Burnett	Impact of Extreme Prematurity or Extreme Low Birthweight on Young Adult Health and Well-Being: The Victorian Infant Collaborative Study (VICS) 1991-92 Longitudinal Cohort	Murdoch Childrens Research Institute	\$725,495.85
1104340	CIA - Professor David Tremethick CIB - Doctor Maxim Nekrasov	The special role of histone variants in regulating the inheritance and 3-dimensional organisation of the epigenome	Australian National University	\$962,716.00

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1104348	CIA - Associate Professor Clare Scott CIB - Doctor Matthew Wakefield CIC - Associate Professor Ronny Drapkin	Engineering MYCN models of high-grade serous ovarian cancer (HGSC)	The Walter and Eliza Hall Institute of Medical Research	\$797,477.50
1104371	CIA - Doctor Chris Langmead CIB - Doctor Jess Nithianantharajah	GPR88 as a novel target for fronto-striatal dysfunction in schizophrenia	Monash University	\$606,966.00
1104422	CIA - Professor Arthur Kitching CIB - Professor Stephen Holdsworth	The Role of Inflammasomes in Renal Vasculitis	Monash University	\$875,972.00
1104433	CIA - Professor Colby Zaph	SETD7-dependent regulation of Hippo/YAP and Wnt/beta-catenin pathways in the intestine	Monash University	\$601,950.00
1104438	CIA - Doctor Lana Williams CIB - Professor Julie Pasco CIC - Professor Michael Maes CID - Doctor Jason Hodge CIE - Doctor Sharon Brennan-Olsen	Bone health in bipolar disorder	Deakin University	\$329,033.60
1104441	CIA - Associate Professor Jody Haigh CIB - Professor Cristina Mecucci CIC - Associate Professor Ross Dickins	Role of ZEB/NuRD interactions in Haematopoiesis and Lymphoid Malignancies	Monash University	\$810,497.00
1104460	CIA - Doctor Jerome Sarris CIB - Professor Chee Ng CIC - Professor Gerard Byrne CID - Professor David Castle CIE - Doctor David Camfield	N-ACETYL CYSTEINE IN THE ADJUNCTIVE TREATMENT OF OBSESSIVE COMPULSIVE DISORDER: A 16-week, Double-Blind, Randomised, Placebo-Controlled Study	University of Melbourne	\$850,448.20
1104461	CIA - Doctor Elizabeth Hinde CIB - Doctor Anthony Cesare	The role of nuclear architecture in the DNA damage response	University of New South Wales	\$561,966.00
1104466	CIA - Professor Colby Zaph	Epigenetic regulation of lymphoid cell development and function	Monash University	\$631,950.00
1104502	CIA - Professor Julian Rood CIB - Professor James Whisstock	Molecular basis for conjugative transfer of antibiotic resistance genes in Gram positive pathogens	Monash University	\$872,660.00
1104527	CIA - Associate Professor Karin Thursky CIB - Doctor Robert Phillips CIC - Associate Professor Franz Babl CID - Professor Monica Slavin CIE - Doctor Françoise Mechinaud Heloury CIF - Doctor Gabrielle Haeusler CIG - Mr Richard De Abreu Lourenco	Australian Predicting Infectious Complications In Children with Cancer (PICNICC) project	University of Melbourne	\$694,979.87

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1104528	CIA - Professor Geoffrey Head CIB - Doctor Francine Marques CIC - Professor Fadi Charchar CID - Associate Professor Roger Evans	Neural control of renin expression by microRNA in hypertension	Baker IDI Heart and Diabetes Institute Holdings Limited	\$805,972.00
1104543	CIA - Doctor Georgina Chambers CIB - Professor Robert Norman CIC - Professor William Ledger CID - Doctor Marian Shanahan CIE - Professor James Raymer	Accountable fertility treatment: An evidenced-based framework for the provision of cost-effective, patient-centred fertility treatment in Australia.	University of New South Wales	\$423,311.83
1104549	CIA - Doctor Sarah-Jane Dawson CIB - Doctor Constantine Tam CIC - Associate Professor Mark Dawson CID - Professor John Seymour	Circulating tumour DNA to monitor treatment response and resistance in chronic lymphocytic leukaemia	University of Melbourne	\$876,950.00
1104560	CIA - Associate Professor Jose Polo CIB - Associate Professor Andrew Laslett	Unveiling the human reprogramming pathway	Monash University	\$965,807.00
1104562	CIA - Professor Graham Hall CIB - Mr Glenn Pearson CIC - Ms Barbara Henry CID - Associate Professor Julianne Coffin CIE - Professor Nicholas de Klerk CIF - Doctor Andrew Wilson CIG - Doctor Sanja Stanojevic	Developing lung function reference ranges in Aboriginal Australians	Curtin University of Technology	\$875,381.80
1104580	CIA - Associate Professor Alexander Fornito CIB - Doctor Nigel Rogasch	Selective modulation of corticostriatal functional circuitry using TMS-fMRI	Monash University	\$757,545.70
1104581	CIA - Professor Jian Li CIB - Doctor Qi Zhou CIC - Doctor Fanfan Zhou CID - Professor Hak-Kim Chan CIE - Doctor Tony Velkov	Optimising inhaled polymyxins as a vital therapy for pulmonary infections: A novel biochemical, molecular imaging and systems pharmacology approach	Monash University	\$728,044.40
1104610	CIA - Professor David Cooper CIB - Doctor Rebekah Puls CIC - Doctor Janaki Amin CID - Doctor Nagalingeswaran Kumarasamy CIE - Professor Kiat Ruxrungham CIF - Doctor Marcelo Losso CIG - Professor Robin Wood	A randomised trial to compare dolutegravir+darunavir/r versus recommended standard of care antiretroviral regimens in patients with HIV infection who have failed recommended first line therapy	University of New South Wales	\$2,323,208.95

APP ID	CI Team	Application Title	Administering Institution	Recommended Budget
1104614	CIA - Professor Christina Mitchell CIB - Professor Catriona McLean CIC - Doctor Andrew Ellisdon	Characterisation of a novel oncogene in breast cancer	Monash University	\$1,118,325.00
1104615	CIA - Professor Christina Mitchell CIB - Doctor Meagan McGrath	Characterisation of the pathogenesis of FHL1 myopathies	Monash University	\$748,652.00
1104619	CIA - Professor Christina Mitchell CIB - Doctor Quenten Schwarz	Investigation of the role of PI3-kinase in the regulation of angiogenesis	Monash University	\$837,660.00
1104645	CIA - Doctor Katherine Baines CIB - Professor Peter Gibson CIC - Associate Professor Jodie Simpson CID - Professor Dominik Hartl CIE - Associate Professor Vanessa McDonald	Targeting neutrophil extracellular traps to reduce inflammation in severe asthma	The University of Newcastle	\$585,239.60
1104686	CIA - Professor Stephen Harrap CIB - Professor Fadi Charchar CIC - Doctor Sean Byars CID - Professor Nilesh Samani	New Strategies for Preventing Hypertension	University of Melbourne	\$670,458.50
1104700	CIA - Associate Professor Kathryn Burdon CIB - Doctor Jac Charlesworth CIC - Professor Paul Baird CID - Associate Professor Richard Mills CIE - Doctor Shiwani Sharma	Gene Identification for Keratoconus - a Blinding Eye Disease	University of Tasmania	\$912,880.30
1104704	CIA - Doctor Brian Oliver CIB - Professor Ian Adcock CIC - Doctor Corry-Anke Brandsma	Elucidation of the Aetiology of Airway Remodelling in COPD	University of Technology Sydney	\$626,979.00
1104808	CIA - Professor Melissa Brown CIB - Associate Professor Amanda Spurdle	Clinical classification of regulatory variants in breast cancer susceptibility genes	The University of Queensland	\$536,966.00
1104876	CIA - Professor Wolfgang Weninger CIB - Doctor Maté Biro	The role of the actomyosin cytoskeleton in T cell-mediated anti-tumour immunity	University of Sydney	\$616,950.00
1104887	CIA - Doctor Juliet French CIB - Doctor Stacey Edwards CIC - Doctor Andreas Moeller	Role of BIME1 in breast cancer	The Council of the Queensland Institute of Medical Research	\$468,596.50
1104933	CIA - Doctor Viktor Vegh CIB - Professor David Reutens CIC - Doctor Marcus Gray CID - Doctor Catherine Riney CIE - Doctor Stephen Malone	Novel MRI approaches to map focal cortical dysplasia in focal epilepsy	The University of Queensland	\$465,489.40

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1104938	CIA - Associate Professor Andrew Vallely CIB - Associate Professor Marion Saville CIC - Associate Professor Julia Brotherton CID - Professor Glen Mola CIE - Doctor Evelyn Lavu CIF - Doctor Angela Kelly-Hanku CIG - Doctor Alyssa Cornall CIH - Doctor Christopher Morgan CII - Doctor Kate Simms	Point-of-care HPV-DNA testing for cervical cancer screening in high-burden, low-resource settings	University of New South Wales	\$891,184.03
1105000	CIA - Doctor James Fitzpatrick CIB - Associate Professor Roz Walker CIC - Professor Rhonda Marriott CID - Mr Glenn Pearson CIE - Professor Sven Silburn CIF - Professor Michael Daube	Making Fetal Alcohol Spectrum Disorders History in the Pilbara: An evidence-based prevention intervention	University of Western Australia	\$1,703,824.20
1105023	CIA - Associate Professor John Silke CIB - Doctor Joanne Hildebrand	Understanding the biological regulation of MLKL and its role in necroptotic cell death	The Walter and Eliza Hall Institute of Medical Research	\$656,979.00
1105058	CIA - Associate Professor Prudence Francis CIB - Professor Frances Boyle CIC - Associate Professor Nicholas Wilcken CID - Professor John Forbes	SOFT and TEXT premenopausal randomised adjuvant endocrine breast cancer trials.	The University of Newcastle	\$722,380.20
1105089	CIA - Professor Colleen Loo CIB - Professor Philip Mitchell CIC - Professor Paul Glue CID - Professor Paul Fitzgerald CIE - Professor Nicholas Glozier CIF - Doctor Kyle Lapidus CIG - Mr Dusan Hadzi-Pavlovic CIH - Professor Andrew Somogyi CII - Associate Professor Maree Hackett CIJ - Doctor Veronica Galvez	Ketamine therapy among patients with treatment-resistant depression: a randomised, double-blind, placebo-controlled trial	University of New South Wales	\$2,069,381.68
1105108	CIA - Doctor Simon Murray CIB - Doctor Junhua Xiao CIC - Doctor Holly Cate CID - Associate Professor Ann Turnley CIE - Associate Professor Richard Hughes	Novel strategies to promote myelin repair in the brain	University of Melbourne	\$597,864.90

APP ID	CI Team	Application Title	Administering Institution	Recommended Budget
1105110	CIA - Professor Alan Brichta CIB - Doctor Brett Graham CIC - Doctor Rebecca Lim CID - Professor Robert Callister CIE - Doctor Joseph Holt CIF - Doctor Christopher Dayas CIG - Professor Richard Rabbitt	Mechanisms underlying efferent feedback in the vestibular system	The University of Newcastle	\$491,474.50
1105137	CIA - Associate Professor Joseph Smolich CIB - Associate Professor Michael Cheung CIC - Associate Professor David Tingay CID - Associate Professor Salvatore Pepe	Immediate or delayed cord clamping in the preterm birth transition: Is there a trade-off between circulatory stability and sympathoadrenal activation?	Murdoch Childrens Research Institute	\$824,582.00
1105187	CIA - Associate Professor Cathrine Mihalopoulos CIB - Professor Jeff Richardson CIC - Associate Professor James Scott CID - Professor Rosalie Viney CIE - Professor John Brazier CIF - Doctor Gang Chen	Determining the Best Outcome Measures for Assessing Cost-Effectiveness of Interventions for Childhood Mental Disorders	Deakin University	\$473,837.45
1105209	CIA - Professor Andrew Lew CIB - Professor Eric Morand CIC - Doctor Yifan Zhan	The axis of Bcl-2, plasmacytoid DCs and lupus as a basis for therapy	The Walter and Eliza Hall Institute of Medical Research	\$712,172.40
1105238	CIA - Associate Professor Mark Gorrell CIB - Professor Geoffrey McCaughan CIC - Professor Stephen Twigg CID - Professor William Bachovchin	DPP4 family proteases as drivers of chronic liver injury	University of Sydney	\$730,040.50
1105244	CIA - Professor Hylton Menz CIB - Doctor Shannon Munteanu CIC - Doctor Karl Landorf CID - Doctor Jodie McClelland	An innovative treatment for first metatarsophalangeal joint osteoarthritis	La Trobe University	\$289,398.25
1105277	CIA - Associate Professor Nicholas Spencer CIB - Professor Simon Brookes	Importance of CGRP alpha in pain processing from the large intestine	The Flinders University of South Australia	\$548,289.00
1105284	CIA - Professor Daniel Hoyer CIB - Professor Luis de Lecea CIC - Doctor Laura Jacobson	Determining the contribution of orexin receptor subtypes to sleep architecture	University of Melbourne	\$882,075.20
1105300	CIA - Doctor John Croese CIB - Doctor Paul Giacomini CIC - Associate Professor Graham Radford-Smith CID - Associate Professor Tony Rahman CIE - Mrs Louise Marquart	Hookworm therapy for Coeliac Disease: A randomised, double blind, placebo-controlled clinical trial	James Cook University	\$865,001.95
1105305	CIA - Professor Susan Davis CIB - Professor Robin Bell CIC - Professor Rory Wolfe	Sex Hormones and Heart Disease in Older Women Study (The SHOW Study)	Monash University	\$594,672.40

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1105312	CIA - Professor Shaun McColl CIB - Professor Jason Cyster CIC - Doctor Iain Comerford	ACKR4, a novel regulator of humoral immunity	The University of Adelaide	\$421,012.00
1105314	CIA - Professor Shaun McColl CIB - Doctor Iain Comerford CIC - Doctor Mohammed Alsharifi	A novel CCR2-dependent niche for CD8+ T cell memory	The University of Adelaide	\$482,549.40
1105321	CIA - Professor Peter Rogers CIB - Professor Grant Montgomery CIC - Doctor Jane Girling	Identification and function of genes that increase risk for endometriosis	University of Melbourne	\$1,180,912.00
1105322	CIA - Professor Karen Simmer CIB - Associate Professor Tobias Strunk CIC - Professor William Tarnow-Mordi CID - Professor Sanjay Patole CIE - Associate Professor Peter Anderson CIF - Doctor Wendy Hague CIG - Professor Terrie Inder CIH - Professor Dorota Doherty CII - Professor Neil Marlow CIJ - Professor Keith Barrington	Can Pentoxifylline improve long-term outcomes in preterm infants with late-onset sepsis or necrotizing enterocolitis – a pragmatic, randomized, controlled trial	University of Western Australia	\$2,901,129.60
1105332	CIA - Professor Brian Dean CIB - Associate Professor Elizabeth Scarr CIC - Professor Daniel Hoyer	A Breakdown of Cortical Homeostasis in Depression: A Focus on the Anterior Cingulate	University of Melbourne	\$625,628.65
1105339	CIA - Professor Katherine Conigrave CIB - Professor Paul Haber CIC - Associate Professor David Scrimgeour CID - Associate Professor Noel Hayman CIE - Doctor Kylie Lee CIF - Associate Professor Rowena Ivers CIG - Associate Professor Timothy Dobbins CIH - Professor Dennis Gray CII - Mr Scott Wilson	Increasing uptake of evidence-based management of unhealthy alcohol use in Aboriginal primary health care services	University of Sydney	\$2,252,322.30
1105374	CIA - Associate Professor Roger Pocock	Decoding Conserved Mechanisms That Control Neuronal Migration	Monash University	\$526,950.00
1105409	CIA - Associate Professor Sudha Rao CIB - Professor David Jans CIC - Professor Jade Forwood CID - Professor Jane Dahlstrom CIE - Associate Professor Desmond Yip	Epigenetic regulation by PKC-theta in human breast cancer stem cells.	University of Canberra	\$818,131.85

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1105429	CIA - Professor Mimi Tang CIB - Professor Susan Prescott CIC - Professor Katrina Allen CID - Associate Professor Michael Gold CIE - Doctor Wesley Burks CIF - Mrs Francesca Orsini	A multicentre randomised controlled trial of probiotic and peanut oral immunotherapy for the treatment of peanut allergy	Murdoch Childrens Research Institute	\$2,887,302.25
1105458	CIA - Professor Sean Drummond CIB - Professor Peter Norton CIC - Professor Donald Baucom	Researching Effective Sleep Treatments (Project REST): a Partner-Assisted intervention to improve adherence in Cognitive Behavioural Therapy for Insomnia	Monash University	\$1,130,307.20
1105521	CIA - Associate Professor Timothy Slade CIB - Doctor Wendy Swift CIC - Professor Kypros Kypri CID - Professor Michael Lynskey CIE - Doctor Louise Mewton CIF - Associate Professor Peter Butterworth	The RADAR project: Identifying early warning signals on the pathways to alcohol use disorder	University of New South Wales	\$884,321.20
1105522	CIA - Associate Professor Tim Stinear CIB - Doctor Sacha Pidot CIC - Associate Professor Torsten Seemann CID - Professor Benjamin Howden	New antibiotics from old microbes	University of Melbourne	\$1,005,912.00
1105561	CIA - Associate Professor Stephanie Brown CIB - Ms Karen Glover CIC - Ms Donna Weetra CID - Doctor Fiona Mensah CIE - Doctor Rebecca Giallo CIF - Doctor Deirdre Gartland CIG - Professor Jonathan Newbury CIH - Doctor Philippa Middleton CII - Professor Sheena Reilly CIJ - Professor Maria Makrides	Aboriginal Families Study: 5-6 year follow-up of an intergenerational birth cohort	Murdoch Childrens Research Institute	\$1,676,055.60
1105640	CIA - Doctor Paul Timpson CIB - Doctor Jennifer Morton CIC - Associate Professor Yingxiao Wang CID - Doctor Marina Pajic	Single-cell optical window imaging in CDK1-FRET biosensor mice to assess tissue stiffness and optimise delivery and therapeutic response to Gemcitabine/Abraxane in pancreatic cancer.	The Garvan Institute of Medical Research	\$676,979.00
1105666	CIA - Professor Adam McCluskey CIB - Professor Phillip Robinson CIC - Associate Professor Nigel Jones	A new approach to treating intractable epilepsy	The University of Newcastle	\$1,193,151.50
1105698	CIA - Associate Professor Giuseppe Verdile CIB - Professor Ralph Martins CIC - Professor Paul Fraser CID - Professor Philip Newsholme	Investigating underlying mechanisms linking Type 2 diabetes with Alzheimer's disease pathology	Curtin University of Technology	\$701,950.00

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1105741	CIA - Doctor Nathan Marchant CIB - Professor Andrew Lawrence	Unraveling the neural circuitry of context-induced relapse to alcohol seeking after punishment-imposed abstinence	University of Melbourne	\$528,016.00
1105747	CIA - Associate Professor Sudha Rao CIB - Doctor Corey Smith CIC - Doctor Kristine Hardy CID - Doctor Nabila Seddiki	Uncovering the epigenetic landscape that regulates human transcriptional memory	University of Canberra	\$708,208.00
1105786	CIA - Associate Professor Jose Polo CIB - Associate Professor Susan Nilsson CIC - Doctor Owen Rackham	Using direct reprogramming to generate and rejuvenate haematopoietic stem cells	Monash University	\$1,026,313.00
1105792	CIA - Doctor S. Sean Millard CIB - Associate Professor Bruno van Swinderen	How the dosage of a Down syndrome candidate gene affects neural circuitry and behaviour	The University of Queensland	\$414,961.00
1105800	CIA - Professor Rezaul Begg CIB - Doctor Catherine Said CIC - Professor Mary Galea CID - Doctor Pazit Levinger CIE - Professor Farees Khan	Can Real-time Biofeedback of Foot Clearance Data be used to Assist with Gait Rehabilitation following Stroke?	Victoria University	\$587,143.40
1105801	CIA - Associate Professor Jacqueline Wilce CIB - Professor Matthew Wilce CIC - Professor Myriam Gorospe	Characterisation of TIA proteins in RNA recognition and stress granule formation	Monash University	\$566,966.00
1105808	CIA - Professor Bruce Brew CIB - Doctor Lucette Cysique	Identification and quantification of HIV Latency biomarkers in the Central Nervous System	University of New South Wales	\$814,618.00
1105817	CIA - Doctor Lynette Beattie CIB - Doctor Geoffrey Gobert	The role of IL-17 in regulating liver macrophage permissiveness for Leishmania infection	The Council of the Queensland Institute of Medical Research	\$655,081.50
1105857	CIA - Doctor Brian Billups CIB - Professor Stefan Broer	Dynamic trafficking of amino acid transporters at synapses and their role in regulating neurotransmission	Australian National University	\$421,219.00
1105875	CIA - Professor Robert Brink CIB - Doctor Tri Phan CIC - Associate Professor Daniel Christ	Positive and negative selection in the germinal centre reaction	The Garvan Institute of Medical Research	\$1,289,965.00
1105907	CIA - Associate Professor Paul Donnelly CIB - Doctor Peter Roselt CIC - Doctor Carleen Cullinane	Molecular Imaging of Cancers with Copper and Zirconium Radiopharmaceuticals	University of Melbourne	\$466,474.50
1105944	CIA - Doctor Vincent Daria CIB - Professor Greg Stuart	Understanding the roles of dendritic domains in neuronal function	Australian National University	\$491,508.50
1105951	CIA - Associate Professor Melissa Churchill CIB - Professor Paul Gorry CIC - Doctor Jacob Estes CID - Professor Benhur Lee CIE - Professor Steven Wesselingh	HIV Phenotypes Important for the Establishment of Persistent Reservoirs in the Central Nervous System and which impact Neurotropism and Neuropathogenesis	Burnet Institute	\$762,491.50

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1105962	CIA - Associate Professor Melissa Churchill CIB - Professor Paul Gorry CIC - Doctor Jacob Estes CID - Professor Steven Wesselingh	Viral Determinants of HIV-1 Transcriptional Latency in the Central Nervous System: Impact on Cure Strategies	Burnet Institute	\$847,520.50
1106027	CIA - Professor Steven Petrou CIB - Professor Martin Pera	Modelling epileptic encephalopathies using induced stem cells	University of Melbourne	\$506,489.00
1106029	CIA - Professor Gerald Atkins CIB - Professor Claudiu Supuran CIC - Professor David Findlay CID - Associate Professor Paul Anderson CIE - Professor Sally-Ann Poulsen	Osteocyte regulation of bone mass	The University of Adelaide	\$837,600.00
1106038	CIA - Professor Rajiv Khanna CIB - Associate Professor Daniel Chambers CIC - Associate Professor Scott Campbell CID - Doctor Corey Smith	Multipathogen adoptive immunotherapy for post- transplant virus-associated diseases	The Council of the Queensland Institute of Medical Research	\$1,074,187.60
1106043	CIA - Doctor Tatyana Chtanova	THE ROLE OF TUMOUR- EGRESSING T CELLS IN ANTI- TUMOUR IMMUNE RESPONSES	The Garvan Institute of Medical Research	\$603,333.00
1106145	CIA - Professor Michael Kassiou CIB - Professor Terrance Johns CIC - Doctor Lenka Munoz	DYRK1A as a novel target for glioblastoma therapies	University of Sydney	\$620,294.00
1106151	CIA - Professor Alexander Bobik CIB - Professor Ban-Hock Toh CIC - Associate Professor Peter Tipping CID - Doctor Tin Kyaw	Cardiac Fibrosis in Hypertensive Heart Disease: Cellular and Molecular Mechanism	Baker IDI Heart and Diabetes Institute Holdings Limited	\$631,979.00
1106154	CIA - Doctor Andrew Murphy CIB - Professor Merlin Thomas	S100A8/A9 as a target in metabolic diseases to inhibit the acceleration of cardiovascular disease	Baker IDI Heart and Diabetes Institute Holdings Limited	\$554,990.00
1106175	CIA - Associate Professor Edward Strivens CIB - Associate Professor Dina LoGiudice CIC - Doctor Kate Smith CID - Professor Edward Helmes CIE - Professor Nancy Pachana CIF - Doctor Sarah Russell CIG - Gavin Miller	Prevalence of Dementia in the Torres Strait and common health issues of later life in the Torres Strait	James Cook University	\$365,000.00
1106206	CIA - Associate Professor Geoffrey Faulkner CIB - Professor Anthony Hannan CIC - Doctor Lucy Palmer	Does mobile DNA impact memory formation?	The University of Queensland	\$946,995.00
1106213	CIA - Professor Geoffrey McFadden	Can malaria parasite resistance to an important drug spread?	University of Melbourne	\$689,168.20

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1106217	CIA - Doctor Kate Schroder CIB - Doctor Jelena Bezbradica Mirkovic CIC - Professor Vojo Deretic	Autophagic suppression of ASC inflammasomes	The University of Queensland	\$556,950.00
1106241	CIA - Doctor Anthony Cesare CIB - Doctor Makoto Hayashi	How replication stress activates the mitotic telomere DNA damage response to kill cancer cells	University of Sydney	\$486,466.50
1106274	CIA - Professor Kim Bennell CIB - Professor Rachelle Buchbinder CIC - Doctor Yuanyuan Wang CID - Professor Andrew Forbes	Hype or Hope? platelet-Rich plasma as a symptom- and disEaSe-modifying Treatment fOR knee ostEoarthritis - the RESTORE trial	University of Melbourne	\$1,400,359.20
1106377	CIA - Professor Sandra Hodge CIB - Professor Paul Reynolds	Targeting the defective airway macrophage function in chronic obstructive pulmonary disease (COPD): a new therapeutic approach	The University of Adelaide	\$710,928.00
1106378	CIA - Doctor Axel Kallies	Maintenance of regulatory T cells during inflammation and tumor development by IL-33	The Walter and Eliza Hall Institute of Medical Research	\$676,979.00
1106390	CIA - Professor Michael Ibbotson CIB - Doctor Shaun Cloherty CIC - Doctor Tatiana Kameneva CID - Doctor Hamish Meffin CIE - Professor David Grayden CIF - Professor Anthony Burkitt	Neuro-feedback for improved efficacy of retinal prostheses	University of Melbourne	\$653,655.20
1106411	CIA - Professor Suresh Mahalingam CIB - Professor Nicholas King CIC - Professor Paul Smith CID - Doctor Lara Herrero	Novel Insights into the Pathobiology of Alphavirus Infections	Griffith University	\$827,660.00
1106427	CIA - Doctor Emma Sciberras CIB - Associate Professor Harriet Hiscock CIC - Doctor Daryl Efron CID - Doctor Katherine Lee	Does the treatment of anxiety in children with ADHD improve outcomes? A large-scale randomised controlled trial	Murdoch Childrens Research Institute	\$854,629.60
1106434	CIA - Professor Stephen Jane CIB - Doctor Smitha Georgy	Identification of factors critical for maintenance of the epidermal barrier	Monash University	\$616,950.00
1106439	CIA - Professor Wolfgang Weninger CIB - Doctor Lai Guan Ng	Dynamics and mechanisms of immune complex-mediated skin inflammation	University of Sydney	\$526,466.50
1106442	CIA - Professor Anthony Cunningham CIB - Doctor Andrew Harman CIC - Associate Professor Sarah Palmer CID - Doctor Najla Nasr CIE - Doctor Russell Diefenbach CIF - Doctor Kerrie Sandgren	Defining the Interaction of HIV with the Interferon System in Initial Mucosal Infection	University of Sydney	\$867,716.00
1106444	CIA - Associate Professor Mark Dawson CIB - Doctor Raphaël Rodriguez	Epigenetic therapies as molecular probes to investigate the molecular pathogenesis of leukaemia	University of Melbourne	\$937,402.00

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1106447	CIA - Associate Professor Mark Dawson	Epigenetic regulation of self renewal and lineage commitment in haematopoiesis	University of Melbourne	\$1,104,930.00
1106451	CIA - Professor Ron Borland CIB - Doctor Coral Gartner CIC - Professor Wayne Hall CID - Doctor Hua Yong CIE - Doctor Lisa Mundy CIF - Doctor Ryan Courtney	Understanding the impacts of Vaporised Nicotine Products on smoking in Australia	Anti Cancer Council of Victoria	\$1,603,158.50
1106471	CIA - Doctor Michael Lazarou CIB - Professor Michael Ryan	Defining the machinery for mitochondrial turnover governed by the Parkinson's Disease proteins PINK1 and Parkin	Monash University	\$432,987.00
1106556	CIA - Professor Andre Renzaho CIB - Professor Michael Toole CIC - Doctor Kingsley Agho CID - Doctor Sengchanh Kounnavong CIE - Ms Jennifer Watts CIF - Doctor Md Billah CIG - Doctor Ben Coghlan	Integrated solutions for healthy birth, growth, and development: A cluster-randomized controlled trial to evaluate the effectiveness of a mixed nutrition intervention package in reducing child undernutrition in Lao People's Democratic Republic	Burnet Institute	\$1,558,515.55
1106581	CIA - Associate Professor Heidi Drummer CIB - Doctor Pantelis Pombourios CIC - Professor Margaret Hellard	Profiling the specificity of the neutralizing antibody response in people who have long term protection from developing chronic HCV	Burnet Institute	\$372,972.00
1106590	CIA - Professor Matthew Cooper CIB - Professor Mark Schembri	Membrane-active antibiotics against multi-drug resistant Gram negative bacteria	The University of Queensland	\$942,298.50
1106601	CIA - Professor Michael Abramson CIB - Professor Eugene Walters CIC - Associate Professor Tamera Corte CID - Doctor Geza Benke	Occupational and Environmental Exposures Associated with Idiopathic Pulmonary Fibrosis in Australia	Monash University	\$282,760.70
1106613	CIA - Doctor Ryusuke Takechi CIB - Professor John Mamo CIC - Professor Jonathan Foster	Restoration of cognitive deficits induced by diabetes through the modulation of cerebrovascular integrity	Curtin University of Technology	\$261,250.80
1106632	CIA - Doctor Selma Liberato CIB - Doctor Julie Brimblecombe CIC - Professor Kylie Ball CID - Professor Marjory Moodie	Assessing the impact of a multi-component intervention to improve dietary intake of Indigenous Australian children and their families living in remote communities	Menzies School of Health Research	\$1,455,043.10
1106674	CIA - Professor David Kennaway CIB - Doctor Kathryn Gattford CIC - Doctor Tamara Varcoe	Impact of disrupted sleep and rhythms during pregnancy on the mother and her offspring	The University of Adelaide	\$796,979.00
1106697	CIA - Doctor Charbel Darido CIB - Professor Stephen Jane CIC - Doctor Smitha Georgy	Stratification of Therapies in HNSCC Through Discovery of Molecular Signatures	Monash University	\$852,600.00

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1106723	CIA - Associate Professor Peter Butterworth CIB - Professor Kaarin Anstey CIC - Associate Professor Nicolas Cherbuin CID - Associate Professor Rebecca McKetin CIE - Doctor Richard Burns CIF - Doctor Liana Leach CIG - Associate Professor Timothy Slade CIH - Professor Paul McNamee	Mental health and the PATH to Midlife	Australian National University	\$707,823.00
1106756	CIA - Doctor Stephanie Gras CIB - Professor David Price CIC - Associate Professor John Miles	Defining the molecular and functional features of protective HIV-specific T cells	Monash University	\$591,966.00
1106790	CIA - Doctor Tao Liu CIB - Associate Professor Rani George	Targeting JMJD6 gene gain for the therapy of neuroblastoma	University of New South Wales	\$381,012.00
1106800	CIA - Doctor Kelly Smith CIB - Doctor Mathias Francois	Examining an extracellular matrix regulator required for cardiovascular development	The University of Queensland	\$732,600.00
1106823	CIA - Associate Professor Megan Galbally CIB - Associate Professor Andrew Lewis CIC - Professor Philip Boyce CID - Professor Marinus van IJzendoorn CIE - Professor Tim Oberlander CIF - Associate Professor Elisabeth van Rossum CIG - Associate Professor Martha Lappas CIH - Doctor Joanne Ryan CII - Doctor Mohammadreza Mohebbi	The transmission of perinatal maternal mental health to preschool emotional disorders: Examining pathways and intervention points in the MPEWS study	University of Melbourne	\$970,795.10
1106852	CIA - Professor Kay Crossley CIB - Professor Hylton Menz CIC - Associate Professor Trevor Russell CID - Associate Professor Anne Smith CIE - Doctor Natalie Collins	Can shoe inserts reduce the burden of kneecap osteoarthritis?	La Trobe University	\$644,549.70
1106870	CIA - Professor Susan Clark CIB - Professor Gail Risbridger CIC - Professor Robert Bristow CID - Doctor Ruth Pidsley CIE - Doctor Mitchell Lawrence CIF - Professor James Kench CIG - Professor Phillip Stricker	Epigenetic Changes in the Prostate Cancer Microenvironment	The Garvan Institute of Medical Research	\$848,954.00
1106878	CIA - Associate Professor Stuart Cordwell	The role of N-linked protein glycosylation in Campylobacter jejuni pathogenesis	University of Sydney	\$757,600.00

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1106902	CIA - Associate Professor Graham Neely CIB - Professor Stephen Simpson	Functional genomics approach to extend lifespan while preventing age-related cognitive decline	University of Sydney	\$772,600.00
1106982	CIA - Professor David Little CIB - Doctor Aaron Schindeler CIC - Professor David Isaacs CID - Doctor Magnus Tagil	Prevention and treatment of bone infection with CSA-90	University of Sydney	\$350,983.00
1107001	CIA - Professor John Hamilton CIB - Professor Stuart Dashper CIC - Doctor Andrew Cook	A new host-pathogen interaction in arthritis	University of Melbourne	\$599,584.00
1107008	CIA - Associate Professor Bette Liu CIB - Professor Peter McIntyre CIC - Associate Professor Andrew Hayen CID - Doctor Anthony Newall CIE - Doctor Helen Quinn	Quantifying the effectiveness of pertussis vaccine in older adults	University of New South Wales	\$448,703.30
1107088	CIA - Professor Michael Kassiou CIB - Professor Iain McGregor CIC - Professor Mark Connor	The pharmacology and toxicity of synthetic cannabinoids	University of Sydney	\$744,807.60
1107091	CIA - Professor Bruce Robinson CIB - Professor Jenette Creaney CIC - Professor Richard Lake CID - Doctor Willem Lesterhuis CIE - Associate Professor Mark Watson	Reactivities of CD8 T cells to mutated neo-antigens in lung malignancies	University of Western Australia	\$661,979.00
1107094	CIA - Professor David Thorburn CIB - Professor Michael Ryan CIC - Doctor Mirella Dottori CID - Doctor David Elliott CIE - Doctor David Stroud	Personalised Medicine for Mitochondrial Disorders: Targeting Pathogenic Mechanisms	Murdoch Childrens Research Institute	\$1,770,213.00
1107095	CIA - Professor Gregory Anderson CIB - Professor Guangjun Nie CIC - Associate Professor Rachel Codd CID - Doctor Sant-Rayn Pasricha	Using nanotechnology to improve the therapeutic efficacy of iron chelators	The Council of the Queensland Institute of Medical Research	\$692,769.40
1107098	CIA - Professor Jamie Craig CIB - Associate Professor Kathryn Burdon CIC - Associate Professor Stuart Macgregor CID - Associate Professor Alex Hewitt CIE - Professor Simon John CIF - Doctor Owen Siggs	High penetrance deleterious mutations in blinding glaucoma	The Flinders University of South Australia	\$1,345,055.20
1107123	CIA - Doctor Michael Murray CIB - Doctor Tony Southall	Regulation of Mesenchymal to Epithelial Transitions by Netrin Receptors	University of Melbourne	\$646,995.00

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1107126	CIA - Doctor Sarah-Jane Dawson CIB - Doctor Mark Shackleton	Circulating tumour DNA as a noninvasive biomarker in melanoma	University of Melbourne	\$1,299,113.50
1107140	CIA - Professor Philip Clarke CIB - Professor Robyn McDermott CIC - Professor Kerry Arabena CID - Doctor Kenny Lawson	Building a simulation model to improve cardiovascular disease risk prediction and treatment for indigenous Australians	University of Melbourne	\$580,985.50
1107178	CIA - Professor Jacob George CIB - Professor Christopher Liddle CIC - Professor Elizabeth Powell	MERTK receptor tyrosine kinase: A novel therapeutic target for liver fibrosis	University of Sydney	\$870,972.00
1107228	CIA - Professor Robyn O'Hehir	Phase I/IIa trials of a novel T-cell epitope-based peptide therapy for peanut allergy	Monash University	\$1,440,000.00
1107258	CIA - Associate Professor Jian Yang CIB - Doctor Allan McRae	Methods and software tool for complex trait analyses using multi-omics data	The University of Queensland	\$573,999.00
1107261	CIA - Professor Justin Cooper-White CIB - Doctor Enzo Porrello	Targeted direct reprogramming of adult cardiac fibroblasts to functional cardiomyocytes	The University of Queensland	\$618,493.00
1107322	CIA - Professor Jonathan Iredell CIB - Doctor Nicola Petty CIC - Doctor Carola Venturini CID - Doctor Sandra Porteous Morales CIE - Professor Nicholas Thomson	Eradication of high-risk bacterial clones using bacteriophages	University of Sydney	\$685,070.20
1107403	CIA - Professor David Craik CIB - Doctor Conan Wang	New drug leads for cholesterol	The University of Queensland	\$619,986.00
1107425	CIA - Doctor Marc Pellegrini CIB - Doctor Gregor Ebert	New drug combinations to enhance elimination of hepatitis B infection	The Walter and Eliza Hall Institute of Medical Research	\$888,304.20
1107464	CIA - Professor Matthew Cook CIB - Doctor Stephen Daley	How does NF- κ B regulate thymic selection to prevent organ-specific autoimmune disease?	Australian National University	\$787,600.00
1107509	CIA - Professor Stephen Bernard CIB - Associate Professor Karen Smith CIC - Professor Peter Cameron CID - Professor Judith Finn CIE - Professor Hugh Grantham CIF - Doctor Janet Bray CIG - Doctor Dion Stub CIH - Professor Ian Rogers CII - Professor Gavin Perkins	Reduction of oxygen after cardiac arrest: The EXACT trial	Monash University	\$1,891,020.50
1107514	CIA - Associate Professor Graham Neely	Transcriptional regulation of nociceptor function and extreme genetic pain disease	University of Sydney	\$1,007,461.60
1107643	CIA - Doctor Mathias Francois CIB - Associate Professor Natasha Harvey CIC - Doctor Emma Sierrecki	Deciphering the transcriptional program that instructs lymphatic endothelial cell fate.	The University of Queensland	\$541,950.00

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1107644	CIA - Associate Professor Ian Blair CIB - Associate Professor Julie Atkin CIC - Professor Roger Chung CID - Doctor Justin Yerbury CIE - Doctor Lezanne Ooi	The role of mutant cyclin F in amyotrophic lateral sclerosis	Macquarie University	\$1,012,933.00
1107671	CIA - Doctor Alexander Swarbrick CIB - Associate Professor Jason Carroll CIC - Doctor Mark Cowley CID - Professor Sandra OToole	Mechanistic and functional analysis of the Id4 proto-oncogene in breast and ovarian cancer	The Garvan Institute of Medical Research	\$693,983.00
1107723	CIA - Professor Maree Smith CIB - Professor Andrew Whittaker	Novel prolonged-release polymeric microparticles for relief of intractable cancer-related pain	The University of Queensland	\$796,950.00
1107749	CIA - Professor Matthew Kiernan CIB - Associate Professor Cindy Lin CIC - Professor John Pollard CID - Doctor Emily Mathey CIE - Doctor Susanna Park CIF - Professor Ostoja Vucic	Nodal Function in Peripheral Neuroinflammatory Disorders: Target Antigens, Functional Significance and Treatment Response	University of Sydney	\$605,172.00
1107755	CIA - Doctor Benjamin Hogan CIB - Doctor Cas Simons	Characterisation of a newly identified, indispensable, transcriptional regulator of lymphangiogenesis	The University of Queensland	\$535,224.20
1107774	CIA - Professor Georgia Chenevix-Trench CIB - Doctor Alison Dunning CIC - Doctor Jonathan Beesley CID - Doctor Fares Al-Ejeh	Identification of target genes at breast cancer-risk loci with potential for drug repositioning	The Council of the Queensland Institute of Medical Research	\$757,477.50
1107800	CIA - Doctor Maria Kaparakis-Liaskos CIB - Associate Professor Marcel Nold	Characterising the role of IL-37 in the development of H. pylori infection.	Monash University	\$641,992.00
1107804	CIA - Professor Bostjan Kobe CIB - Doctor Ashley Mansell CIC - Doctor Mehdi Mobli CID - Doctor Thomas Ve	Characterization and inhibition of higher-order assembly signalling in Toll-like receptor pathways	The University of Queensland	\$711,995.00
1107812	CIA - Associate Professor Dena Lyras CIB - Associate Professor Helen Abud CIC - Doctor Diana Hansen CID - Professor Hans Clevers	The impact of Clostridium difficile infection and the host immune response on colonic homeostasis and regeneration.	Monash University	\$932,211.75
1107828	CIA - Professor Jiake Xu CIB - Associate Professor Nathan Pavlos CIC - Doctor Jennifer Tickner	Furin: Carving-up vital substrates for bone remodelling and homeostasis	University of Western Australia	\$815,972.00
1107831	CIA - Professor John Mariadason CIB - Professor Wayne Phillips CIC - Doctor Oliver Sieber	Role of the EHF transcription factor in regulating the differentiation status of colon cancers	La Trobe University	\$621,950.00
1107836	CIA - Professor John Mariadason CIB - Professor Matthew Watt CIC - Doctor Amirali Popat	HDAC3 as a novel orchestrator of lipid oxidation in the intestine and potential therapeutic target in obesity.	La Trobe University	\$526,365.20

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1107930	CIA - Associate Professor Richard Ferrero	NLRC5, a new regulator of Helicobacter-induced inflammation	Monash University	\$640,135.50
1107953	CIA - Professor Stuart Hooper CIB - Doctor Megan Wallace CIC - Doctor Graeme Polglase CID - Doctor Marcus Kitchen CIE - Doctor Andreas Flemmer CIF - Doctor Marta Thio	Improving the neonatal transition in infants with a congenital diaphragmatic hernia	Monash University	\$551,643.90
1107969	CIA - Associate Professor Dena Lyras CIB - Professor Julian Rood	The role of Clostridium difficile spore interactions with the host in gastrointestinal infection and disease	Monash University	\$511,466.50
1107986	CIA - Professor Geoffrey Goodhill	How are axons guided to their targets in the developing nervous system?	The University of Queensland	\$329,644.00
1108013	CIA - Professor Boris Martinac CIB - Professor Oliver Friedrich CIC - Professor Michael Feneley CID - Professor David Saint CIE - Doctor Vesna Nikolova-Krstevski	Unravelling Mechanotransduction Pathways in the Heart	Victor Chang Cardiac Research Institute Limited	\$949,956.00
1108032	CIA - Associate Professor Roderick Clifton-Bligh CIB - Doctor Richard Tothill CIC - Professor Emma Duncan CID - Associate Professor Anthony Gill CIE - Doctor Trish Dwight CIF - Doctor Diana Benn CIG - Doctor Katherine Tucker CIH - Associate Professor Alison Trainer	HEREDITARY ENDOCRINE CANCER: A MODEL BASED ON PHAEOCHROMOCYTOMA-PARAGANGLIOMA SYNDROMES	University of Sydney	\$875,894.10
1108043	CIA - Doctor Michael Doran CIB - Doctor Ian Vela CIC - Doctor Brian Tse CID - Professor Pamela Russell	The Microniche: A novel in-vitro and in-vivo prostate cancer model system	Queensland University of Technology	\$561,012.00
1108049	CIA - Professor Paul Myles CIB - Associate Professor Toby Richards CIC - Professor Julian Smith CID - Professor David Cooper CIE - Associate Professor Erica Wood CIF - Professor Robert Carter CIG - Associate Professor Stephane Heritier CIH - Doctor Andrew Klein	IV iron for Treatment of Anaemia before Cardiac Surgery (ITACS Trial)	Monash University	\$2,285,289.80
1108064	CIA - Associate Professor John Miles CIB - Associate Professor Jason Mulvenna CIC - Doctor Irina Vetter	The bioactivity and binding partners of Irukandji and Box Jellyfish venom	The Council of the Queensland Institute of Medical Research	\$596,950.00

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1108077	CIA - Professor Michael McGuckin CIB - Doctor Sumaira Hasnain CIC - Professor Johannes Prins CID - Associate Professor Jonathan Whitehead	Elucidation of the Mechanism of IL-22-Mediated Suppression of β -Cell Stress in Diabetes	The University of Queensland	\$222,322.00
1108092	CIA - Doctor Robyn Brown CIB - Professor Andrew Lawrence CIC - Professor Peter Kalivas	A novel approach for the treatment of obesity: examining the potential of addiction therapeutics	University of Melbourne	\$765,935.00
1108115	CIA - Professor Tony Butler CIB - Professor Sheryl Kubiak CIC - Associate Professor Peter Schofield CID - Doctor Mandy Wilson CIE - Doctor Emma Barrett CIF - Ms Jocelyn Jones CIG - Doctor Azar Kariminia CIH - Professor Elizabeth Sullivan CII - Associate Professor Kimberlie Dean	Aboriginal and non-Aboriginal women perpetrators of violence: a trial of a prison-based intervention (Beyond Violence)	University of New South Wales	\$1,411,825.15
1108124	CIA - Professor Michael Jennings CIB - Associate Professor Renato Morona CIC - Doctor Christopher Day	Glycan-glycan interactions between bacterial pathogens and host cells: A novel mechanism of bacterial adherence, a new opportunity for strategies to treat and prevent disease and a new paradigm in interactions between macromolecules.	Griffith University	\$1,059,344.00
1108176	CIA - Associate Professor Lisa Key CIB - Professor Lindy Clemson CIC - Professor Rebecca Ivers CID - Doctor Anne Tiedemann CIE - Professor Peter McCluskey CIF - Associate Professor Pradeep Ramulu	PlaTFORM: PrevenTing Falls in a high risk, vision impaired population through specialist ORientation and Mobility services: a randomised trial	University of Sydney	\$773,768.35
1108179	CIA - Doctor Daniel Park CIB - Doctor Daniel Buchanan CIC - Doctor Bryony Thompson	A functional assay to classify genetic variants in Lynch syndrome	University of Melbourne	\$368,194.80
1108211	CIA - Doctor Kyle Hoehn CIB - Associate Professor Nigel Turner	Understanding the role of sugar metabolism in liver tumour growth	University of New South Wales	\$631,979.00
1108254	CIA - Doctor Timothy Mercer CIB - Associate Professor Devinder Gill CIC - Doctor James Blackburn	A Universal Clinical Test for Gene Fusions in Blood Cancer	The Garvan Institute of Medical Research	\$628,001.00

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1108283	CIA - Professor Andrew Forbes CIB - Mr Brennan Kahan CIC - Doctor Karla Hemming CID - Professor John Carlin CIE - Doctor Joanne McKenzie CIF - Professor Terrence Haines	New methods and guidelines for the design, analysis and reporting of cluster-crossover and stepped wedge randomised trials in clinical and public health research	Monash University	\$391,257.75
1108301	CIA - Associate Professor Gordon Doig CIB - Ms Fiona Simpson CIC - Professor Christopher Ward CID - Associate Professor Alessandro Laviano	Prophylactic early parenteral nutrition in patients undergoing hematopoietic cell transplantation: A multi-centre randomised controlled trial.	University of Sydney	\$1,131,673.40
1108309	CIA - Professor Brian Smith CIB - Ms Kristin Carson CIC - Professor Adrian Esterman CID - Professor Matthew Peters CIE - Doctor Gillian Gould	Training health professionals in tobacco cessation and evidence translation for Aboriginal Australians	The University of Adelaide	\$832,723.20
1108311	CIA - Doctor Leszek Lisowski CIB - Professor Ian Alexander CIC - Professor Hung Fat Tse	Directed evolution of AAV capsid variants for enhanced targeted genome editing in the human liver	University of Sydney	\$386,012.00
1108318	CIA - Professor Michael Farrell CIB - Doctor Ryan Courtney CIC - Doctor Natalie Walker CID - Doctor Hayden McRobbie CIE - Doctor Coral Gartner CIF - Professor Mohammad Siahpush CIG - Doctor Dennis Petrie CIH - Associate Professor Christine Paul CII - Professor Robyn Richmond CIJ - Associate Professor Stuart Ferguson	A non-inferiority trial of cytisine versus varenicline for smoking cessation.	University of New South Wales	\$1,885,812.80
1108328	CIA - Professor Diona Damian CIB - Doctor Andrew Martin CIC - Professor Gary Halliday CID - Professor Josette Eris CIE - Doctor Patricia Lowe CIF - Associate Professor Pablo Fernandez Peñas	ONTRANS: Oral Nicotinamide for skin cancer chemoprevention after Transplant	University of Sydney	\$624,823.60
1108365	CIA - Associate Professor Guiying Nie	The pathogenic role of a placenta-specific protease in early-onset preeclampsia	Monash University	\$601,950.00
1108396	CIA - Doctor Blake Dear CIB - Professor Nickolai Titov CIC - Professor Michael Jones CID - Doctor Shehzad Ali CIE - Professor Ann Louise Sharpe CIF - Doctor Milena Gandy CIG - Doctor Olav Nielssen	Increasing access to effective psychological treatment for Australians with chronic physical disease.	Macquarie University	\$605,627.00

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1108422	CIA - Professor Christopher Liddle CIB - Associate Professor Geraint Rogers	How does dietary cholesterol induce non-alcoholic steatohepatitis?	University of Sydney	\$802,600.00
1108439	CIA - Doctor Lachlan Thompson	Protecting and repairing the brain early in life.	University of Melbourne	\$468,166.50
1108546	CIA - Professor Iain McGregor CIB - Professor Mary Collins Chebib CIC - Professor Inga Neumann CID - Doctor Michael Bowen CIE - Doctor Andrew Clarkson	Oxytocin as a novel antagonist of the intoxicating and addictive effects of alcohol	University of Sydney	\$739,105.50
1108565	CIA - Doctor Patrick Bertolino CIB - Doctor David Bowen CIC - Doctor Bernadette Saunders CID - Doctor Lai Guan Ng	A unique network of phagocytic cells at the interface between the liver and peritoneal cavity	Centenary Institute of Cancer Medicine and Cell Biology	\$787,520.50
1108595	CIA - Professor Steven Chadban CIB - Professor Nicholas King CIC - Associate Professor Huiling Wu CID - Doctor Daniel Getts	Targetting Monocytes With Microparticles To Prevent Kidney Allograft Rejection	University of Sydney	\$967,004.80
1108670	CIA - Professor Karlheinz Peter	Activated platelets as unique targets for early imaging and site-directed therapy of cardiovascular and inflammatory diseases	Baker IDI Heart and Diabetes Institute Holdings Limited	\$846,979.00
1108711	CIA - Professor Peter Leedman CIB - Professor Suzanne Fuqua CIC - Professor Paul Yen	Nuclear receptors and triple negative breast cancer	University of Western Australia	\$681,979.00
1108751	CIA - Professor Peter Wark CIB - Professor Roger Smith CIC - Doctor Jay Horvat	How the placental protein Syncytin impairs maternal immune responses to influenza	The University of Newcastle	\$609,862.00
1108792	CIA - Associate Professor Anthony Jaworowski CIB - Professor Jennifer Hoy CIC - Professor Suzanne Crowe CID - Doctor Julian Elliott CIE - Doctor Anna Hearps	A new monocyte atherogenic phenotype in chronic HIV disease.	Burnet Institute	\$632,037.00
1108794	CIA - Professor James Vickers CIB - Associate Professor Mathew Summers CIC - Associate Professor Michael Valenzuela CID - Professor Jeffery Summers CIE - Doctor Anna King CIF - Professor Andrew Robinson CIG - Associate Professor Velandai Srikanth	The Tasmanian Healthy Brain Project: a longitudinal intervention study to reduce the risk of ageing-related cognitive decline and dementia	University of Tasmania	\$878,791.50

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1108797	CIA - Professor Ingrid Winship CIB - Doctor Daniel Buchanan CIC - Doctor Michael Walsh CID - Doctor Aung Ko Win	Muir Torre Syndrome: The role of IHC and genotyping in sebaceous neoplasia to facilitate prevention strategies in colorectal and endometrial cancer	University of Melbourne	\$396,786.40
1108800	CIA - Professor Christopher Goodnow CIB - Professor Maria Craig CIC - Doctor Tony Roscioli CID - Doctor Thomas Andrews CIE - Professor Jenny Gunton CIF - Doctor Elissa Deenick CIG - Doctor Melanie Wong CIH - Doctor Stephen Daley CII - Doctor Paul Gray CIJ - Doctor Juliana Teo	De novo mutations and the pathogenesis of childhood-onset autoimmune disease	The Garvan Institute of Medical Research	\$1,406,509.60
1108859	CIA - Doctor Yann Gambin CIB - Doctor Jeremie Rossy CIC - Doctor Emma Sieracki CID - Doctor Nicholas Ariotti CIE - Doctor Thomas Ve	Prion-like behaviour in immunity: super-sized signalling platforms?	University of New South Wales	\$611,995.00
1108881	CIA - Doctor John Archer CIB - Doctor Arthur Thevathasan CIC - Doctor Kristian Bulluss	Deep Brain Stimulation for severe generalised epilepsy of Lennox-Gastaut phenotype	University of Melbourne	\$897,972.00
1108886	CIA - Associate Professor Jacqueline Center CIB - Professor Lyn March CIC - Professor Judy Simpson	Premature mortality post fracture:A NSW linked data study	The Garvan Institute of Medical Research	\$391,012.00
1108967	CIA - Doctor Agus Salim CIB - Professor Marie Reilly CIC - Professor Sven Ove Samuelsen	Cost-effective Development and Validation of Risk Prediction Models: Methods and Applications	La Trobe University	\$157,322.00
1109009	CIA - Professor Elizabeth Sullivan CIB - Professor Juanita Sherwood CIC - Associate Professor Deborah Zador CID - Associate Professor Yueping Wang CIE - Doctor Sungwon Chang	Recidivism, health and social functioning following release to the community of NSW prisoners with problematic drug use, an evaluation of the Connections Program	University of Technology Sydney	\$536,966.00
1109056	CIA - Professor Gregg Suaning CIB - Professor Nigel Lovell CIC - Associate Professor John Grigg CID - Doctor Adrian Fung CIE - Associate Professor Melville daCruz CIF - Professor John Morley CIG - Doctor Natalie James	Clinical trial of a suprachoroidal visual prosthesis for the profoundly vision impaired	University of New South Wales	\$1,098,802.00
1109057	CIA - Professor Peter Eastwood CIB - Associate Professor Ajmal Mian CIC - Doctor Nigel McArdle CID - Professor David Hillman	Predicting Obstructive Sleep Apnoea using 3D Craniofacial Photography	University of Western Australia	\$424,715.25

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1109121	CIA - Associate Professor Karen Canfell CIB - Professor You-Lin Qiao CIC - Doctor Philip Castle CID - Doctor Kate Simms CIE - Doctor Ju-Fang Shi CIF - Doctor Jose Jeronimo	Effectiveness and Cost-Effectiveness of HPV Vaccination and HPV-Based Cervical Cancer Screening Strategies in China	Cancer Council NSW	\$420,692.10
1109154	CIA - Professor Gregory Anderson CIB - Associate Professor Graham Radford-Smith CIC - Professor Jonathan Powell	A novel nanoparticulate iron supplement and its effect on the gastrointestinal tract.	The Council of the Queensland Institute of Medical Research	\$671,995.00
1109207	CIA - Professor Andrew Zannettino CIB - Doctor Paul Baldock CIC - Professor Christopher Proud	Targeting skeletal mTORC1 as a novel approach for the treatment of diet-induced insulin resistance	The University of Adelaide	\$586,979.00
1109283	CIA - Professor Deborah Hodgson CIB - Emeritus Professor Patricia Michie CIC - Professor Cynthia Shannon Weickert CID - Doctor Lauren Harms CIE - Professor Ulrich Schall CIF - Doctor Juanita Todd	Maternal immune activation and adolescent exposure to cannabis in rodents: Do two developmental "hits" lead to schizophrenia-like changes in brain and behaviour?	The University of Newcastle	\$636,711.20
1109286	CIA - Associate Professor Amanda Spurdle CIB - Doctor Deborah Thompson CIC - Doctor Jyotsna Batra CID - Professor Douglas Easton CIE - Professor Ian Tomlinson	Genetic epidemiology of endometrial cancer: towards understanding aetiology and improving risk prediction.	The Council of the Queensland Institute of Medical Research	\$353,572.80
1109288	CIA - Doctor Siok-Keen Tey CIB - Doctor Christopher Andoniou	The interplay between IL-6 and GVHD on anti-viral and anti-leukaemic immunity	The Council of the Queensland Institute of Medical Research	\$489,376.20
1109355	CIA - Professor Melissa Wake CIB - Professor David Burgner CIC - Professor John Carlin CID - Associate Professor Lisa Gold CIE - Professor Timothy Olds CIF - Professor Markus Juonala	Biological, phenotypic and public health costs of risk and protective pathways to non-communicable disease in children and adults: The national Longitudinal Study of Australian Children	Murdoch Childrens Research Institute	\$1,521,589.90
1109405	CIA - Professor Peter Koopman CIB - Doctor Josephine Bowles CIC - Doctor Cassy Spiller	Molecular regulation of pluripotency in the mammalian germline	The University of Queensland	\$611,935.32

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1109466	CIA - Associate Professor Nicholas Lintzeris CIB - Associate Professor Robert Ali CIC - Associate Professor Adrian Dunlop CID - Associate Professor Nadine Ezard CIE - Professor Jason White CIF - Associate Professor Rebecca McKetin CIG - Associate Professor Raimondo Bruno CIH - Professor Andrew Carr CII - Professor Kate Dolan	Randomised double-blind placebo-controlled study of lisdexamfetamine for the treatment of methamphetamine dependence	University of Sydney	\$1,303,735.21
1109502	CIA - Doctor Josephine Bowles	Exposing the mechanisms underlying mammalian meiotic onset	The University of Queensland	\$536,563.20
1109626	CIA - Associate Professor Adam Elshaug CIB - Professor Sallie-Anne Pearson CIC - Associate Professor Ian Scott	Measuring low-value health care for targeted policy action	University of Sydney	\$806,176.00
1109738	CIA - Doctor Katryn Stacey CIB - Professor Paul Young CIC - Doctor David Muller CID - Doctor Daniel Watterson	Dengue virus NS1 protein as a mediator of pathology	The University of Queensland	\$621,979.00
1109745	CIA - Professor Beng Chong CIB - Doctor Freda Passam	Heparin Induced Thrombocytopenia (HIT): further characterization of disease mechanism will improve patient treatment	University of New South Wales	\$456,484.00
			TOTAL	\$419,719,973