

Details of 2016 Project Grants Recommended for Funding Commencing in 2017

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 2016 Project Grants funding round seeking applications for funding commencing in 2017 opened on 9 December 2015. Applications closed on 16 March 2016 with 3651 applications received (101 applications were not applying for NHMRC funding).

NHMRC convened 38 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 39.3%.

The applications listed below were approved for funding by the Minister for Health and Aged Care, the Hon. Sussan Ley MP and subsequently announced on 3 December 2016.

App ID	Chief Investigators Names	Scientific Title	Administering Institution	Budget
APP1119855	CIA - Professor Stephen Bernard (Ambulance Victoria) CIB - Associate Professor Glenn Eastwood (Austin Health) CIC - Professor Rinaldo Bellomo (Austin Health) CID - Doctor Dion Stub (Baker IDI Heart and Diabetes Institute Holdings Limited) CIE - Doctor John Archer (University of Melbourne) CIF - Doctor Carol Hodgson (Monash University)	Targeted therapeutic mild hypercapnia after resuscitated cardiac arrest: a phase III multi-centre randomised controlled trial (The TAME Cardiac Arrest Trial)	Monash University	\$2,069,878.00

<p>APP1119932</p>	<p>CIA - Doctor Jason Wong (University of New South Wales) CIB - Professor Ruud Delwel (Erasmus University Medical Centre)</p>	<p>The role of somatic mutations in CCCTC-binding factor (CTCF) binding sites in cancer</p>	<p>University of New South Wales</p>	<p>\$371,114.00</p>
<p>APP1119940</p>	<p>CIA - Associate Professor Gilda Tachedjian (Burnet Institute) CIB - Doctor David Chalmers (Monash University) CIC - Associate Professor Nicolas Sluis-Cremer (University of Pittsburgh, PA, USA) CID - Professor Eddy Arnold (Rutgers, The State University of New Jersey) CIE - Associate Professor Philip Thompson (Monash University) CIF - Doctor Stephen Headey (Monash University) CIG - Doctor Catherine Latham (Burnet Institute)</p>	<p>Targeting novel sites on reverse transcriptase for HIV treatment and prevention</p>	<p>Burnet Institute</p>	<p>\$978,994.20</p>

APP1119955	<p>CIA - Professor Thomas Marwick (Baker IDI Heart and Diabetes Institute Holdings Limited)</p> <p>CIB - Professor Liza Thomas (University of New South Wales)</p> <p>CIC - Associate Professor Andrew Taylor (Baker IDI Heart and Diabetes Institute Holdings Limited)</p> <p>CID - Professor Andrew Spencer (Alfred Health)</p> <p>CIE - Associate Professor Andre La Gerche (Baker IDI Heart and Diabetes Institute Holdings Limited)</p> <p>CIF - Doctor Constantine Tam (Peter MacCallum Cancer Centre)</p> <p>CIG - Associate Professor Sherene Loi (Peter MacCallum Cancer Centre)</p> <p>CIH - Associate Professor Peter Mollee (Metro South Hospital and Health Service, Princess Alexandra Hospital)</p> <p>CII - Professor John Atherton (Dept of Health Queensland trading as Royal Brisbane and Women's Hospital (RBWH))</p> <p>CIJ - Professor Paul Harnett (Westmead Hospital)</p>	Benefit of 2D-strain surveillance in improving cardiovascular outcomes in cancer patients undergoing cardiotoxic chemotherapy	Baker IDI Heart and Diabetes Institute Holdings Limited	\$2,391,978.80
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APP1120004	<p>CIA - Doctor Rohan Borschmann (University of Melbourne)</p> <p>CIB - Professor Stuart Kinner (Griffith University)</p> <p>CIC - Associate Professor Matthew Spittal (University of Melbourne)</p> <p>CID - Professor Jane Pirkis (University of Melbourne)</p> <p>CIE - Professor David Preen (University of Western Australia)</p> <p>CIF - Doctor Sarah Larney (University of New South Wales)</p> <p>CIG - Associate Professor David Rosen (North Carolina State University, USA)</p>	Preventing mortality in adults after release from prison: advancing global knowledge through an international, individual participant data meta-analysis	Murdoch Childrens Research Institute	\$613,687.20
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APP1120031	<p>CIA - Professor Iona Novak (University of Sydney) CIB - Doctor Catherine Morgan (University of Sydney) CIC - Professor Nadia Badawi (University of Sydney) CID - Professor Roslyn Boyd (The University of Queensland) CIE - Associate Professor Alicia Spittle (Murdoch Childrens Research Institute) CIF - Professor Russell Dale (University of Sydney) CIG - Ms Adrienne Kirby (University of Sydney) CIH - Associate Professor Rod Hunt (Murdoch Childrens Research Institute) CII - Doctor Koa Whittingham (The University of Queensland) CIJ - Doctor Kerstin Pannek (CSIRO Biosecurity Flagship)</p>	<p>Harnessing neuroplasticity to improve motor performance in infants with Cerebral Palsy: a pragmatic randomised controlled trial</p>	<p>University of Sydney</p>	<p>\$2,736,349.30</p>
APP1120095	<p>CIA - Professor Robyn Guymer (Centre for Eye Research Australia Limited) CIB - Doctor Ben Gu (Florey Institute of Neuroscience and Mental Health) CIC - Professor Erica Fletcher (University of Melbourne) CID - Doctor Kirstan Vessey (University of Melbourne)</p>	<p>The role of reduced phagocytosis in the pathogenesis of Age-related Macular Degeneration</p>	<p>Centre for Eye Research Australia Limited</p>	<p>\$786,741.90</p>

APP1120110	<p>CIA - Doctor Mariko Carey (The University of Newcastle)</p> <p>CIB - Professor Robert Sanson-Fisher (The University of Newcastle)</p> <p>CIC - Professor Nicholas Zwar (University of New South Wales)</p> <p>CID - Professor Danielle Mazza (Monash University)</p> <p>CIE - Professor Graham Meadows (Monash University)</p> <p>CIF - Doctor Amy Waller (The University of Newcastle)</p> <p>CIG - Professor Leon Piterman (Monash University)</p> <p>CIH - Professor Brian Kelly (The University of Newcastle)</p> <p>CII - Associate Professor Frans Henskens (The University of Newcastle)</p>	Improving outcomes for people with depression in community settings: a cluster RCT	The University of Newcastle	\$803,554.00
APP1120128	CIA - Doctor Kimberley Wang (Telethon Kids Institute, Subiaco WA)	Fetal growth restriction, low birth weight and the development of asthma	University of Western Australia	\$397,003.00
APP1120137	<p>CIA - Professor John Miners (The Flinders University of South Australia)</p> <p>CIB - Professor Ross McKinnon (The Flinders University of South Australia)</p>	The molecular basis of cytochrome P450 ligand binding: towards predicting enzyme substrate selectivity and drug-drug interaction potential	The Flinders University of South Australia	\$558,447.00

<p>APP1120201</p>	<p>CIA - Professor David James (University of Sydney) CIB - Doctor Jacqueline Stoeckli (University of Sydney) CIC - Professor Jean Yang (University of Sydney)</p>	<p>Dissecting rapamycin sensitive and insensitive effects of mTOR</p>	<p>University of Sydney</p>	<p>\$1,183,240.80</p>
<p>APP1120215</p>	<p>CIA - Associate Professor Lisa Jamieson (The University of Adelaide) CIB - Professor Karen Canfell (Cancer Council NSW) CIC - Associate Professor Gail Garvey (Menzies School of Health Research) CID - Associate Professor Terry Dunbar (The University of Adelaide) CIE - Ms Joanne Hedges (The University of Adelaide) CIF - Doctor Annika Antonsson (The Council of the Queensland Institute of Medical Research) CIG - Ms Amanda Mitchell (Aboriginal Health Council of SA) CIH - Ms Megan Smith (Cancer Council NSW) CII - Emeritus Professor Newell Johnson (Griffith University) CIJ - Professor Richard Logan (The University of Adelaide)</p>	<p>HPV and oropharyngeal cancer in Indigenous Australians</p>	<p>The University of Adelaide</p>	<p>\$1,547,109.40</p>
<p>APP1120230</p>	<p>CIA - Doctor Antje Blumenthal (The University of Queensland) CIB - Professor Jennifer Stow (The University of Queensland)</p>	<p>Innate immune signalling in Mycobacterium tuberculosis infection</p>	<p>The University of Queensland</p>	<p>\$562,857.00</p>

APP1120233	<p>CIA - Associate Professor Luke Wolfenden (The University of Newcastle)</p> <p>CIB - Professor John Wiggers (The University of Newcastle)</p> <p>CIC - Professor Kylie Ball (Deakin University)</p> <p>CID - Associate Professor Karen Campbell (Deakin University)</p> <p>CIE - Professor Chris Rissel (University of Sydney)</p> <p>CIF - Doctor Rebecca Wyse (The University of Newcastle)</p>	<p>A randomised controlled trial of an online intervention to improve healthy food purchases from primary school canteens</p>	<p>The University of Newcastle</p>	<p>\$725,372.50</p>
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APP1120234	<p>CIA - Professor Peter Morris (Menzies School of Health Research)</p> <p>CIB - Doctor Gurmeet Singh (Menzies School of Health Research)</p> <p>CIC - Associate Professor Mark Chatfield (Menzies School of Health Research)</p> <p>CID - Doctor Therese Kearns (Menzies School of Health Research)</p> <p>CIE - Doctor Keith Edwards (Northern Territory Department of Health)</p> <p>CIF - Doctor Susan Pizzutto (Menzies School of Health Research)</p> <p>CIG - Ms Bhavini Patel (Royal Darwin Hospital)</p>	Rapid ferric carboxymaltose infusion (Ferinject) for iron deficiency anaemia in Aboriginal children: a randomised controlled trial	Menzies School of Health Research	\$1,236,420.70
APP1120237	<p>CIA - Professor Paul Foster (The University of Newcastle)</p> <p>CIB - Doctor Hock Tay (Hunter Medical Research Institute)</p>	Characterising the pro-inflammatory role of IL-36 γ /IL-36R in pathogen-induced exacerbations of asthma and COPD	The University of Newcastle	\$738,768.00

APP1120252	<p>CIA - Professor Philip Hansbro (The University of Newcastle)</p> <p>CIB - Professor Peter Gibson (The University of Newcastle)</p> <p>CIC - Professor Matthew Cooper (The University of Queensland)</p> <p>CID - Professor Luke O'Neill (Trinity College Dublin)</p>	Elucidating the roles and mechanisms of activation of NLRP3 inflammasomes and developing therapeutic interventions for severe steroid-resistant asthma	The University of Newcastle	\$961,929.00
APP1120270	<p>CIA - Doctor Linda Wakim (University of Melbourne)</p> <p>CIB - Associate Professor Glen Westall (Alfred Health)</p>	Lodging resident memory T-cells along the respiratory tract as an approach to protect against influenza virus infection	University of Melbourne	\$626,555.00
APP1120293	<p>CIA - Professor Wayne Phillips (Peter MacCallum Cancer Centre)</p> <p>CIB - Doctor Nicholas Clemons (Peter MacCallum Cancer Centre)</p> <p>CIC - Professor Ygal Haupt (Peter MacCallum Cancer Centre)</p> <p>CID - Doctor Carleen Cullinane (Peter MacCallum Cancer Centre)</p>	A new paradigm for targeting mutant p53 tumours	University of Melbourne	\$901,656.00
APP1120298	<p>CIA - Professor Ian Paulsen (Macquarie University)</p> <p>CIB - Doctor Karl Hassan (Macquarie University)</p>	Circuit Breaker: investigating the regulatory circuits controlling expression of drug efflux pumps in the nosocomial pathogen <i>Acinetobacter baumannii</i>	Macquarie University	\$515,243.60

APP1120317	<p>CIA - Doctor Penelope Abbott (University of Western Sydney)</p> <p>CIB - Professor Jennifer Reath (University of Western Sydney)</p> <p>CIC - Doctor Hasantha Gunasekera (University of Sydney)</p> <p>CID - Professor Amanda Leach (Menzies School of Health Research)</p> <p>CIE - Associate Professor Kelvin Kong (The University of Newcastle)</p> <p>CIF - Associate Professor Deborah Askew (Queensland Health)</p> <p>CIG - Associate Professor Federico Giroi (University of Western Sydney)</p> <p>CIH - Professor Wendy Hu (University of Western Sydney)</p> <p>CII - Professor Timothy Usherwood (University of Sydney)</p> <p>CIJ - Ms Sanja Lujic (University of New South Wales)</p>	<p>A multi-centre randomised controlled trial to compare nasal balloon autoinflation versus no nasal balloon autoinflation for otitis media with effusion in Aboriginal and Torres Strait Islander children (the INFLATE trial)</p>	<p>University of Western Sydney</p>	<p>\$2,534,580.00</p>
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APP1120319	<p>CIA - Doctor Carol Hodgson (Monash University)</p> <p>CIB - Professor Belinda Gabbe (Monash University)</p> <p>CIC - Professor Steve Webb (University of Western Australia)</p> <p>CID - Associate Professor Jeffrey Presneill (The University of Queensland)</p> <p>CIE - Doctor Paul Young (Medical Research Institute of New Zealand, NZ)</p> <p>CIF - Associate Professor Theodore Iwashyna (University of Michigan, US)</p> <p>CIG - Associate Professor Michael Bailey (Monash University)</p>	Treatment of invasively ventilated adults with early activity and mobilisation	Monash University	\$1,467,137.40
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APP1120331	<p>CIA - Doctor Trisha Peel (Monash University) CIB - Professor Peter Choong (University of Melbourne) CIC - Professor Allen Cheng (Monash University) CID - Professor David Paterson (The University of Queensland) CIE - Associate Professor Kirsty Buising (Royal Melbourne Hospital) CIF - Doctor Michelle Dowsey (University of Melbourne) CIG - Professor Ross Crawford (Queensland University of Technology) CIH - Professor Richard de Steiger (Epworth Richmond Hospital) CII - Doctor Tim Spelman (Burnet Institute)</p>	The Arthroplasty Surgical Antibiotic Prophylaxis (ASAP) study	University of Melbourne	\$3,509,984.80
APP1120344	<p>CIA - Doctor Hayley Newton (University of Melbourne) CIB - Professor Craig Roy (Yale University, CT, USA) CIC - Doctor Michael Griffin (University of Melbourne)</p>	Manipulation of clathrin-mediated trafficking by Coxiella	University of Melbourne	\$667,857.00

APP1120348	<p>CIA - Associate Professor Philip Sutton (Murdoch Childrens Research Institute)</p> <p>CIB - Professor Andrew Giraud (Murdoch Childrens Research Institute)</p> <p>CIC - Doctor Trevelyan Menheniott (Murdoch Childrens Research Institute)</p> <p>CID - Professor Jay Solnick (University of California, Davis)</p>	Vaccinating against Helicobacter pylori-induced gastric cancer	Murdoch Childrens Research Institute	\$1,088,714.00
APP1120353	<p>CIA - Professor Amanda Leach (Menzies School of Health Research)</p> <p>CIB - Professor Edward Mulholland (Murdoch Childrens Research Institute)</p> <p>CIC - Professor Mathuram Santosham (Johns Hopkins Bloomberg School of Public Health)</p> <p>CID - Professor Paul Torzillo (Royal Prince Alfred Hospital, Camperdown NSW)</p> <p>CIE - Associate Professor Heidi Smith-Vaughan (Menzies School of Health Research)</p> <p>CIF - Associate Professor Deborah Lehmann (Telethon Kids Institute, Subiaco WA)</p> <p>CIG - Ms Anne Balloch (Murdoch Childrens Research Institute)</p> <p>CIH - Associate Professor Mark Chatfield (Menzies School of Health Research)</p> <p>CII - Doctor Michael</p>	Otitis media, hearing loss and school readiness of Indigenous children followed from birth in two randomised controlled trials of novel pneumococcal conjugate vaccine schedules (VOICES. Vaccines to prevent Otitis media In Children Entering School)	Menzies School of Health Research	\$1,317,168.60

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APP1120356	<p>CIA - Professor Moira O'Bryan (Monash University)</p> <p>CIB - Professor Robert McLachlan (Hudson Institute of Medical Research)</p> <p>CIC - Professor Joris Veltman (Radboud University Nijmegen Medical Centre)</p> <p>CID - Assistant Professor Donald Conrad (Washington University Missouri, MO, USA)</p> <p>CIE - Assistant Professor Kenneth Aston (University of Utah)</p>	The genetic causes of male infertility	Monash University	\$1,552,224.00
APP1120362	<p>CIA - Doctor Trevelyan Menheniott (Murdoch Childrens Research Institute)</p> <p>CIB - Doctor Daniel Worthley (The University of Adelaide)</p> <p>CIC - Professor Andrew Giraud (Murdoch Childrens Research Institute)</p> <p>CID - Associate Professor Philip Sutton (Murdoch Childrens Research Institute)</p>	Defining the role of reserve stem cells in gastric cancer	Murdoch Childrens Research Institute	\$563,739.00

APP1120374	CIA - Professor Frederic Meunier (The University of Queensland) CIB - Doctor Emma Sierecki (University of New South Wales)	Unravelling a new fatty acid pathway involved in neuroexocytosis and memory	The University of Queensland	\$539,631.00
APP1120381	CIA - Professor Frederic Meunier (The University of Queensland) CIB - Professor Justin Cooper-White (The University of Queensland) CIC - Associate Professor Rohan Teasdale (The University of Queensland) CID - Professor Elizabeth Coulson (The University of Queensland)	Unravelling the mechanism coupling synaptic activity with neurotrophin signaling in the nervous system	The University of Queensland	\$640,815.00
APP1120398	CIA - Doctor Daniel Johnstone (University of Sydney)	Neuroprotection against Parkinson's disease with remote photobiomodulation	University of Sydney	\$314,817.50

APP1120431	<p>CIA - Professor Penelope Webb (The Council of the Queensland Institute of Medical Research)</p> <p>CIB - Professor Anna deFazio (The Westmead Institute for Medical Research)</p> <p>CIC - Professor Andreas Obermair (The University of Queensland)</p> <p>CID - Professor David Smith (The Council of the Queensland Institute of Medical Research)</p> <p>CIE - Associate Professor Peter Grant (Mercy Hospital for Women)</p> <p>CIF - Doctor Vanessa Beesley (The Council of the Queensland Institute of Medical Research)</p> <p>CIG - Doctor Christina Nagle (The Council of the Queensland Institute of Medical Research)</p>	The Ovarian Cancer Prognosis and Lifestyle (OPAL) Study: long-term outcomes	The Council of the Queensland Institute of Medical Research	\$871,656.60
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APP1120433	<p>CIA - Professor Tammy Hoffmann (Bond University Limited)</p> <p>CIB - Professor Christopher Del Mar (Bond University Limited)</p> <p>CIC - Professor Paul Glasziou (Bond University Limited)</p> <p>CID - Professor Lyndal Trevena (University of Sydney)</p> <p>CIE - Associate Professor Elaine Beller (Bond University Limited)</p> <p>CIF - Doctor Malene Hansen (Bond University Limited)</p>	Reducing antibiotic use in primary care: a cluster randomised trial to evaluate the effectiveness of decision aids about antibiotic use for acute respiratory infections	Bond University Limited	\$325,500.30
APP1120443	<p>CIA - Associate Professor Wayne Hawthorne (University of Sydney)</p> <p>CIB - Professor Peter Cowan (St Vincent's Hospital (Melbourne) Ltd)</p> <p>CIC - Doctor Shounan Yi (The Westmead Institute for Medical Research)</p>	Bridging the gap in kidney transplantation using pigs as donors	University of Sydney	\$1,452,340.50
APP1120448	<p>CIA - Professor Paul Foster (The University of Newcastle)</p> <p>CIB - Doctor Maximilian Plank (Hunter Medical Research Institute)</p>	Understanding the role of Th22 cells in regulating respiratory immune responses in health and disease	The University of Newcastle	\$870,476.00

<p>APP1120467</p>	<p>CIA - Doctor Alexandra Corbett (University of Melbourne) CIB - Professor James McCluskey (University of Melbourne) CIC - Doctor Zhenjun Chen (University of Melbourne)</p>	<p>MAIT cells in bacterial infection. Friend or foe?</p>	<p>University of Melbourne</p>	<p>\$668,739.00</p>
<p>APP1120475</p>	<p>CIA - Doctor Mark Larance (University of Sydney) CIB - Doctor Rima Chaudhuri (University of Sydney)</p>	<p>Identification of new mechanisms in insulin resistance</p>	<p>University of Sydney</p>	<p>\$478,781.00</p>
<p>APP1120483</p>	<p>CIA - Professor Thomas Preiss (Australian National University) CIB - Professor Matthias Hentze (European Molecular Biology Laboratory) CIC - Doctor Nicola Smith (Victor Chang Cardiac Research Institute Limited)</p>	<p>Role of RNA-binding proteins in cardiomyocyte physiology</p>	<p>Australian National University</p>	<p>\$880,494.00</p>

APP1120507	<p>CIA - Professor Michael Dibley (University of Sydney)</p> <p>CIB - Professor Shams El Arifeen (International Center for Diarrhoeal Disease Research, Bangladesh)</p> <p>CIC - Doctor Tanvir Huda (International Center for Diarrhoeal Disease Research, Bangladesh)</p> <p>CID - Professor John Hoddinott (Cornell University)</p> <p>CIE - Doctor Ashraful Alam (University of Sydney)</p> <p>CIF - Doctor Kingsley Agho (University of Western Sydney)</p> <p>CIG - Doctor Nicholas Goodwin (University of Sydney)</p> <p>CIH - Associate Professor Sumithra Muthayya (The Sax Institute)</p> <p>CII - Doctor Tracey-Lea Laba (The George Institute for Global Health)</p> <p>CIJ - Doctor Munirul Islam (International Center for Diarrhoeal Disease Research, Bangladesh)</p>	Cash transfers and behaviour change communications to reduce child undernutrition in rural Bangladesh: a cluster randomized controlled trial to determine the most effective combination of interventions	University of Sydney	\$3,415,800.84
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APP1120518	<p>CIA - Professor David Lubans (The University of Newcastle)</p> <p>CIB - Professor Charles Hillman (University of Illinois at Urbana-Champaign)</p> <p>CIC - Professor Philip Morgan (The University of Newcastle)</p> <p>CID - Professor Ronald Plotnikoff (The University of Newcastle)</p> <p>CIE - Professor Michael Nilsson (The University of Newcastle)</p> <p>CIF - Associate Professor Chris Lonsdale (Australian Catholic University Limited)</p> <p>CIG - Doctor Narelle Eather (The University of Newcastle)</p> <p>CIH - Doctor Jordan Smith (The University of Newcastle)</p>	<p>A scalable intervention for increasing vigorous physical activity among older adolescents: the 'Burn to Learn' cluster RCT</p>	<p>The University of Newcastle</p>	<p>\$636,911.75</p>
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APP1120522	<p>CIA - Associate Professor Ross Vlahos (RMIT University)</p> <p>CIB - Associate Professor Steven Bozinovski (RMIT University)</p> <p>CIC - Associate Professor Peter Crack (University of Melbourne)</p> <p>CID - Doctor Alyson Miller (RMIT University)</p> <p>CIE - Doctor Justin Hamilton (Monash University)</p> <p>CIF - Doctor Daniel Steinfort (Royal Melbourne Hospital)</p>	Targeting oxidant-dependent pathways to improve stroke outcomes in COPD	RMIT University	\$1,069,574.00
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APP1120543	<p>CIA - Associate Professor Simon Barry (Women's and Children's Health Network Incorporated)</p> <p>CIB - Doctor Marc Beyer (University of Bonn)</p> <p>CIC - Professor Alistair Forrest (Harry Perkins Institute of Medical Research)</p> <p>CID - Professor Joachim Schultze (University of Bonn)</p> <p>CIE - Professor Jennifer Couper (The University of Adelaide)</p> <p>CIF - Doctor James Breen (The University of Adelaide)</p>	<p>Identification of the conformation dependant targets of autoimmune disease linked variation in human regulatory T-cells</p>	<p>The University of Adelaide</p>	<p>\$1,001,814.80</p>
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<p>APP1120563</p>	<p>CIA - Associate Professor Stacey Edwards (The Council of the Queensland Institute of Medical Research) CIB - Doctor Juliet French (The Council of the Queensland Institute of Medical Research) CIC - Doctor Fares Al-Ejeh (The Council of the Queensland Institute of Medical Research) CID - Doctor Alison Dunning (University of Cambridge, UK)</p>	<p>High-throughput identification and evaluation of new breast cancer genes from GWAS</p>	<p>The Council of the Queensland Institute of Medical Research</p>	<p>\$841,075.00</p>
<p>APP1120576</p>	<p>CIA - Professor Andrew Lawrence (Florey Institute of Neuroscience and Mental Health) CIB - Doctor Chris Langmead (Monash University) CIC - Professor David Spanswick (Monash University)</p>	<p>Alcohol and striatal adaptation</p>	<p>Florey Institute of Neuroscience and Mental Health</p>	<p>\$972,844.00</p>
<p>APP1120583</p>	<p>CIA - Professor Roberto Cappai (University of Melbourne) CIB - Associate Professor Peter Crack (University of Melbourne)</p>	<p>APLP2: a neuroprotective receptor for acute brain injury</p>	<p>University of Melbourne</p>	<p>\$648,739.00</p>

APP1120604	<p>CIA - Professor Anthony Jorm (University of Melbourne)</p> <p>CIB - Doctor Laura Hart (La Trobe University)</p> <p>CIC - Doctor Claire Kelly (Mental Health First Aid (MHFA) Australia)</p> <p>CID - Ms Betty Kitchener (Mental Health First Aid (MHFA) Australia)</p> <p>CIE - Professor Michael Sawyer (The University of Adelaide)</p>	Improving the capacity of peers to provide guidance and support for adolescents with mental health problems	University of Melbourne	\$1,196,608.00
APP1120618	<p>CIA - Associate Professor Caroline Miller (South Australian Health and Medical Research Institute Limited)</p> <p>CIB - Professor Melanie Wakefield (Cancer Council Victoria)</p> <p>CIC - Professor Simone Pettigrew (Curtin University of Technology)</p> <p>CID - Professor John Coveney (The Flinders University of South Australia)</p> <p>CIE - Associate Professor Sarah Durkin (Cancer Council Victoria)</p> <p>CIF - Professor David Roder (University of South Australia)</p>	Warning labels for sugar sweetened beverages	South Australian Health and Medical Research Institute Limited	\$780,824.60

APP1120667	<p>CIA - Doctor Nicholas Price (Monash University) CIB - Doctor Adam Morris (Monash University) CIC - Doctor Hsin-Hao Yu (Monash University)</p>	Rapid plasticity in sensory systems - linking neuronal adaptation and perception	Monash University	\$650,809.50
APP1120682	<p>CIA - Associate Professor Rachel Neale (The Council of the Queensland Institute of Medical Research) CIB - Professor Dallas English (University of Melbourne) CIC - Professor Alison Venn (University of Tasmania) CID - Professor Bruce Armstrong (University of Sydney) CIE - Professor Peter Ebeling (Monash University) CIF - Professor Michael Kimlin (University of the Sunshine Coast) CIG - Associate Professor Jolieke van der Pols (The University of Queensland) CIH - Doctor Leesa Wockner (The Council of the Queensland Institute of Medical Research)</p>	The D-Health Trial: a large-scale population-based trial of vitamin D supplementation for improving the health of older adults	The Council of the Queensland Institute of Medical Research	\$2,591,859.55
APP1120689	<p>CIA - Associate Professor Evdokia Dimitriadis (Hudson Institute of Medical Research) CIB - Associate Professor Luk Rombauts (Hudson Institute of Medical Research)</p>	Facilitating endometrial receptivity to improve pregnancy outcomes	Monash University	\$734,252.40

<p>APP1120696</p>	<p>CIA - Professor Paul Foster (The University of Newcastle) CIB - Doctor Ming Yang (The University of Newcastle) CIC - Doctor Nathan Bartlett (The University of Newcastle)</p>	<p>Shared innate immune mechanisms underpin-steroid resistant pathogen-induced asthma exacerbations</p>	<p>The University of Newcastle</p>	<p>\$815,476.00</p>
<p>APP1120714</p>	<p>CIA - Doctor James Ryall (University of Melbourne) CIB - Professor Gordon Lynch (University of Melbourne)</p>	<p>A simple method to improve stem cell transplant therapy</p>	<p>University of Melbourne</p>	<p>\$831,652.00</p>
<p>APP1120808</p>	<p>CIA - Doctor Andreas Kupz (James Cook University)</p>	<p>New strategies for improved tuberculosis vaccines</p>	<p>James Cook University</p>	<p>\$741,091.98</p>

APP1120848	<p>CIA - Associate Professor Philip Peyton (University of Melbourne)</p> <p>CIB - Professor Kate Leslie (Royal Melbourne Hospital)</p> <p>CIC - Professor David Story (University of Melbourne)</p> <p>CID - Professor Paul Myles (Monash University)</p> <p>CIE - Doctor Matthew Chan (The Chinese University of Hong Kong)</p> <p>CIF - Professor Stephan Schug (University of Western Australia)</p> <p>CIG - Associate Professor Lisbeth Evered (St Vincent's Hospital (Melbourne) Ltd)</p> <p>CIH - Miss Sabine Braat (University of Melbourne)</p>	Reduction of chronic post-surgical pain with ketamine - ROCKet Study	University of Melbourne	\$4,823,395.00
APP1120853	<p>CIA - Associate Professor Rebecca Ritchie (Baker IDI Heart and Diabetes Institute Holdings Limited)</p> <p>CIB - Professor Jonathan Baell (Monash University)</p> <p>CIC - Professor Mauro Perretti (William Harvey Research Institute)</p> <p>CID - Doctor Lauren May (Monash University)</p>	Formyl peptide receptor biased agonists as novel cardioprotection from myocardial infarction	Baker IDI Heart and Diabetes Institute Holdings Limited	\$948,291.00

<p>APP1120859</p>	<p>CIA - Associate Professor Rebecca Ritchie (Baker IDI Heart and Diabetes Institute Holdings Limited) CIB - Professor John Horowitz (The University of Adelaide) CIC - Doctor Barbara Kemp-Harper (Monash University)</p>	<p>Therapeutic approaches to circumvent NO• resistance in the Type 2 diabetic heart and vasculature</p>	<p>Baker IDI Heart and Diabetes Institute Holdings Limited</p>	<p>\$563,336.80</p>
<p>APP1120887</p>	<p>CIA - Professor Mark Smyth (The Council of the Queensland Institute of Medical Research) CIB - Doctor Michele Teng (The Council of the Queensland Institute of Medical Research)</p>	<p>Co-inhibition of adenosine generation and signalling: a new combination cancer therapy</p>	<p>The Council of the Queensland Institute of Medical Research</p>	<p>\$587,857.00</p>
<p>APP1120898</p>	<p>CIA - Professor Narcissus Teoh (Australian National University) CIB - Professor Geoffrey Farrell (Australian National University) CIC - Doctor Anselm Enders (Australian National University)</p>	<p>Cholestasis and hepatocyte injury in chronic liver disease</p>	<p>Australian National University</p>	<p>\$615,966.50</p>

APP1120919	<p>CIA - Professor Patrick Sexton (Monash University)</p> <p>CIB - Professor Brian Kobilka (Stanford University, CA, USA)</p> <p>CIC - Professor Georgios Skiniotis (University of Michigan, US)</p> <p>CID - Doctor Sebastian Furness (Monash University)</p>	A structural understanding of class B G protein-coupled receptor function	Monash University	\$1,289,570.00
APP1120936	CIA - Doctor Tao Liu (Children's Cancer Institute)	Functional characterization and therapeutic targeting of the novel long noncoding RNA RP1-40E16.9	University of New South Wales	\$673,447.00
APP1120941	<p>CIA - Professor Richard Payne (University of Sydney)</p> <p>CIB - Professor Shaun Jackson (University of Sydney)</p> <p>CIC - Doctor Pedro Pereira (IBMC - Instituto de Biologia Molecular e Celular, Universidade do Porto, Portugal)</p>	Development of novel anticoagulants inspired by nature for improved ischaemic stroke therapy	University of Sydney	\$716,396.00
APP1120947	CIA - Professor Joseph Lynch (The University of Queensland)	The alpha5 GABA-A receptor: delineating an emerging therapeutic target	The University of Queensland	\$481,178.40

APP1120978	<p>CIA - Associate Professor Natalie Sims (St Vincent's Institute of Medical Research)</p> <p>CIB - Associate Professor Sara Windahl (University of Gothenburg)</p>	Control of corticalisation by SOCS3 in osteocytes	St Vincent's Institute of Medical Research	\$899,596.00
APP1120989	<p>CIA - Professor Stan Gronthos (The University of Adelaide)</p> <p>CIB - Professor Andrew Zannettino (South Australian Health and Medical Research Institute Limited)</p> <p>CIC - Professor Peter Anderson (Women's and Children's Hospital (Adelaide))</p>	Tyrosine kinase receptor c-ros-oncogene 1 mediates Twist-1 haploinsufficiency induced craniosynostosis in children: a novel therapeutic target	The University of Adelaide	\$562,863.00
APP1121029	<p>CIA - Doctor Meritxell Canals (Monash University)</p> <p>CIB - Doctor Michelle Halls (Monash University)</p> <p>CIC - Doctor Daniel Poole (Monash University)</p>	Spatial and temporal dimensions of mu-opioid receptor signalling: implications for the development of tolerance	Monash University	\$799,316.00

APP1121037	<p>CIA - Professor David Cooper (The Alfred Hospital)</p> <p>CIB - Professor Alistair Nichol (University College Dublin)</p> <p>CIC - Professor Jeffrey Rosenfeld (Monash University)</p> <p>CID - Associate Professor Jeffrey Presneill (The University of Queensland)</p> <p>CIE - Professor Peter Cameron (Monash University)</p>	The prophylactic hypothermia to lessen traumatic brain injury-randomised controlled trial: continuation of funding request	Monash University	\$266,320.80
APP1121057	<p>CIA - Professor Wayne Tilley (The University of Adelaide)</p> <p>CIB - Professor Gail Risbridger (Monash University)</p> <p>CIC - Associate Professor Ganesh Raj (University of Texas Southwestern Medical Center)</p> <p>CID - Doctor Luke Selth (The University of Adelaide)</p> <p>CIE - Doctor Renea Taylor (Monash University)</p> <p>CIF - Doctor Anthony Joshua (The Garvan Institute of Medical Research)</p>	Dual targeting of the androgen receptor for effective and durable control of lethal prostate cancer	The University of Adelaide	\$946,176.80

APP1121077	<p>CIA - Associate Professor Gilda Tachedjian (Burnet Institute)</p> <p>CIB - Doctor Glenn Marsh (Commonwealth Scientific and Industrial Research Organisation)</p> <p>CIC - Doctor Michelle Baker (Australian Animal Health Laboratory - Geelong VIC)</p> <p>CID - Professor Jie Cui (Chinese Academy of Sciences (CAS))</p> <p>CIE - Professor Andrew Cunningham (Institute of Zoology London)</p>	Intrinsic host antiviral activity against pathogenic filoviruses	Burnet Institute	\$488,754.00
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APP1121104	<p>CIA - Professor Jon Emery (University of Melbourne)</p> <p>CIB - Professor Finlay Macrae (Royal Melbourne Hospital)</p> <p>CIC - Professor Lyndal Trevena (University of Sydney)</p> <p>CID - Associate Professor Marie Pirotta (University of Melbourne)</p> <p>CIE - Doctor Driss Ait Ouakrim (University of Melbourne)</p> <p>CIF - Doctor Fiona Walter (Cambridge University Hospitals NHS Foundation Trust)</p> <p>CIG - Doctor Patty (Panagiota) Chondros (University of Melbourne)</p> <p>CIH - Mr Richard De Abreu Lourenco (University of Technology Sydney)</p> <p>CII - Doctor Jennifer Walker (University of Melbourne)</p> <p>CIJ - Professor Ingrid Winship (University of Melbourne)</p>	The CRISP Trial: an RCT of risk assessment and decision support to implement risk-stratified colorectal cancer screening in primary care	University of Melbourne	\$936,640.80
APP1121131	<p>CIA - Associate Professor Juliana Hamzah (Harry Perkins Institute of Medical Research)</p> <p>CIB - Professor Ruth Ganss (Harry Perkins Institute of Medical Research)</p> <p>CIC - Professor Erkki Ruoslahti (Sanford-Burnham Medical Research Institute, California, US)</p>	Improving cancer diagnostic imaging and drug delivery by breaking down extracellular matrix barriers	University of Western Australia	\$748,152.00

APP1121151	<p>CIA - Doctor Susan Jordan (The Council of the Queensland Institute of Medical Research)</p> <p>CIB - Professor Sallie-Anne Pearson (University of New South Wales)</p> <p>CIC - Doctor Nirmala Pandeya (The University of Queensland)</p> <p>CID - Doctor Louise Stewart (Curtin University of Technology)</p> <p>CIE - Associate Professor Michael Coory (Murdoch Childrens Research Institute)</p> <p>CIF - Doctor Katrina Spilsbury (Curtin University of Technology)</p> <p>CIG - Doctor Peter Donovan (Royal Brisbane and Women's Hospital)</p>	IMPROVE - Investigating Medication re-Purposing to Reduce risk of OVarian cancer and Extend survival	The Council of the Queensland Institute of Medical Research	\$430,196.40
APP1121172	<p>CIA - Professor Richard Harvey (Victor Chang Cardiac Research Institute Limited)</p> <p>CIB - Doctor Mirana Ramialison (Monash University)</p> <p>CIC - Doctor Eleni Giannoulatou (Victor Chang Cardiac Research Institute Limited)</p>	Genome-wide analysis of gene regulatory networks in heart development and congenital heart disease	Victor Chang Cardiac Research Institute Limited	\$1,263,954.00

APP1121178	<p>CIA - Professor Alan Cowman (The Walter and Eliza Hall Institute of Medical Research)</p> <p>CIB - Doctor Justin Boddey (The Walter and Eliza Hall Institute of Medical Research)</p> <p>CIC - Doctor Wilson Wong (The Walter and Eliza Hall Institute of Medical Research)</p> <p>CIE - Doctor Anthony Hodder (The Walter and Eliza Hall Institute of Medical Research)</p>	Effector export in <i>P. falciparum</i> infected human erythrocytes	The Walter and Eliza Hall Institute of Medical Research	\$1,066,920.00
APP1121199	<p>CIA - Professor Robin Anderson (Peter MacCallum Cancer Centre)</p> <p>CIB - Associate Professor Andrew Redfern (University of Western Australia)</p> <p>CIC - Associate Professor Ian Street (The Walter and Eliza Hall Institute of Medical Research)</p>	Activation of BMP4 signalling to inhibit breast cancer metastasis	University of Melbourne	\$748,742.00
APP1121325	CIA - Doctor Daniel Gray (The Walter and Eliza Hall Institute of Medical Research)	The mechanisms of epithelial cell survival that govern thymus function	The Walter and Eliza Hall Institute of Medical Research	\$620,966.50

APP1121334	<p>CIA - Professor Malcolm Battersby (The Flinders University of South Australia)</p> <p>CIB - Professor Michael Kidd (The Flinders University of South Australia)</p> <p>CIC - Professor Julio Licinio (South Australian Health and Medical Research Institute Limited)</p> <p>CID - Professor Philip Aylward (Flinders Medical Centre)</p> <p>CIE - Professor Sharon Lawn (The Flinders University of South Australia)</p> <p>CIF - Professor Amanda Baker (The University of Newcastle)</p> <p>CIG - Professor Julie Ratcliffe (The Flinders University of South Australia)</p> <p>CIH - Doctor Stephen Quinn (The Flinders University of South Australia)</p>	<p>Improving cardiovascular health and quality of life in people with severe mental illness: a randomised trial of a 'partners in health' intervention</p>	<p>The Flinders University of South Australia</p>	<p>\$960,320.24</p>
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APP1121409	<p>CIA - Professor Maria Fiatarone Singh (University of Sydney) CIB - Professor Jeff Coombes (The University of Queensland) CIC - Professor Jeffrey Hausdorff (Tel Aviv Sourasky Medical Center) CID - Associate Professor Teresa Liu-Ambrose (University of British Columbia, Canada) CIE - Professor Ulrik Wisloff (Norwegian University of Science and Technology - Norway)</p>	<p>BRAIN Training Trial: Balance, Resistance, or INterval Training Trial: a randomised controlled trial of three exercise modalities in mild cognitive impairment</p>	<p>University of Sydney</p>	<p>\$2,016,192.00</p>
APP1121472	<p>CIA - Professor Christina Mitchell (Monash University) CIB - Professor Roger Daly (Monash University) CIC - Doctor Lisa Ooms (Monash University) CID - Professor Catriona McLean (Alfred Health)</p>	<p>Characterisation of PI3-kinase-dependent signalling networks in breast cancer</p>	<p>Monash University</p>	<p>\$915,182.00</p>

APP1121481	<p>CIA - Professor Jeffrey Lipman (The University of Queensland)</p> <p>CIB - Professor Jason Roberts (The University of Queensland)</p> <p>CIC - Professor John Myburgh (The George Institute for Global Health)</p> <p>CID - Associate Professor Sandra Peake (The Queen Elizabeth Hospital (TQEH))</p> <p>CIE - Doctor Joel Dulhunty (Dept of Health Queensland trading as Royal Brisbane and Women's Hospital (RBWH))</p> <p>CIF - Professor David Paterson (The University of Queensland)</p> <p>CIG - Doctor Shay McGuinness (Auckland Hospital, NZ)</p> <p>CIH - Professor Andrew Rhodes (St George's Hospital, London)</p> <p>CII - Associate Professor Jan De Waele (Ghent University Hospital, Belgium)</p> <p>CIJ - Professor Simon Finfer (Royal North Shore Hospital)</p>	BLING III: a phase III randomised controlled trial of continuous beta-lactam infusion compared with intermittent beta-lactam dosing in critically ill patients	University of Sydney	\$3,269,942.70
APP1121500	<p>CIA - Doctor Paul Gregorevic (Baker IDI Heart and Diabetes Institute Holdings Limited)</p> <p>CIB - Professor Jeffrey Chamberlain (University of Washington School of Medicine, USA)</p> <p>CIC - Professor Lars Larsson (Karolinska Institutet, Sweden)</p>	Investigating follistatin-based interventions for long term-protection against frailty associated with chronic illness and aging	Baker IDI Heart and Diabetes Institute Holdings Limited	\$987,168.60

APP1121504	<p>CIA - Associate Professor Robert Gilchrist (University of New South Wales)</p> <p>CIB - Associate Professor Craig Harrison (Hudson Institute of Medical Research)</p> <p>CIC - Professor Johan Smitz (Free University of Brussels - Belgium)</p> <p>CID - Professor William Ledger (University of New South Wales)</p> <p>CIE - Associate Professor David Robertson (University of New South Wales)</p>	Therapeutic potential of transforming growth factor-beta proteins for the diagnosis and treatment of female infertility	University of New South Wales	\$942,961.00
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APP1121510	<p>CIA - Doctor Olivia Dean (Deakin University) CIB - Professor Michael Berk (Deakin University) CIC - Professor Chee Ng (University of Melbourne) CID - Associate Professor Seetal Dodd (Barwon Health) CIE - Professor Malcolm Hopwood (University of Melbourne) CIF - Doctor Alyna Turner (Deakin University) CIG - Associate Professor Felice Jacka (Deakin University)</p>	<p>The efficacy of adjunctive <i>Garcinia Mangostana</i> Linn pericarp for bipolar depression: a 24-week double-blind, randomized, placebo-controlled trial</p>	Deakin University	\$1,227,271.60
APP1121522	<p>CIA - Doctor Kim Hemsley (South Australian Health and Medical Research Institute Limited) CIB - Professor Robert Casson (The University of Adelaide)</p>	<p>Is the eye a window to the brain in Sanfilippo syndrome?</p>	South Australian Health and Medical Research Institute Limited	\$852,967.20

APP1121548	<p>CIA - Associate Professor Bu Yeap (University of Western Australia) CIB - Professor John Beilby (Pathwest Laboratory Medicine WA) CIC - Doctor Jennie Hui (Pathwest Laboratory Medicine WA) CID - Professor Matthew Knuiiman (University of Western Australia) CIE - Professor Leon Flicker (University of Western Australia)</p>	Do sex hormones slow biological ageing to improve health outcomes in men?	University of Western Australia	\$249,568.80
APP1121629	<p>CIA - Professor Yaoqi Zhou (Griffith University) CIB - Doctor Kate Seib (Griffith University) CIC - Doctor Thomas Haselhorst (Griffith University) CID - Associate Professor Helen Blanchard (Griffith University) CIE - Doctor Yuedong Yang (Griffith University)</p>	Developing species-specific, structure-targeting peptides as a novel class of antibiotics	Griffith University	\$607,967.20

APP1121643	<p>CIA - Doctor Fabio Luciani (University of New South Wales) CIB - Doctor Silvana Gaudieri (University of Western Australia) CIC - Doctor Rowena Bull (University of New South Wales) CID - Doctor John Zaunders (University of New South Wales) CIE - Professor Dirk Busch (Technical University Munich, Germany)</p>	The phenotype of protective cytotoxic T cell responses during viral infections	University of New South Wales	\$841,114.00
APP1121697	<p>CIA - Professor Johnson Mak (Deakin University) CIB - Professor Paul Gorry (RMIT University) CIC - Doctor Jeffrey Lifson (National Cancer Institute (NCI), USA) CID - Professor Eric Cohen (Institut de recherches cliniques de Montréal)</p>	Pre-entry priming of HIV	Deakin University	\$911,656.00

APP1121704	<p>CIA - Doctor Kenneth Micklethwaite (Westmead Hospital)</p> <p>CIB - Professor David Gottlieb (University of Sydney)</p> <p>CIC - Doctor Luciano Dalla-Pozza (The Children's Hospital at Westmead)</p> <p>CID - Professor Peter Shaw (The Children's Hospital at Westmead)</p> <p>CIE - Associate Professor Tracey O'Brien (Sydney Children's Hospital)</p> <p>CIF - Doctor Toby Trahair (University of New South Wales)</p>	<p>A phase I study of autologous CD19 specific chimeric antigen receptor T-cells for therapy of relapsed and refractory B-cell leukaemia and lymphoma (The Auto-CAR19 Trial).</p>	University of Sydney	\$584,666.00
APP1121740	<p>CIA - Professor Ian Yang (The University of Queensland)</p> <p>CIB - Associate Professor David Reid (The Council of the Queensland Institute of Medical Research)</p> <p>CIC - Associate Professor Jodie Simpson (The University of Newcastle)</p> <p>CID - Associate Professor Lutz Krause (The University of Queensland)</p>	<p>Testing the lung microbiome to predict risk of frequent exacerbations in COPD</p>	The University of Queensland	\$666,052.40

APP1121765	CIA - Associate Professor Ross Dickins (Monash University) CIB - Doctor Johannes Zuber (The Research Institute of Molecular Pathology (IMP), Vienna)	Overcoming the differentiation block in acute myeloid leukaemia	Monash University	\$811,669.00
APP1121791	CIA - Doctor Fiona Kumfor (Neuroscience Research Australia) CIB - Doctor Muireann Irish (Neuroscience Research Australia)	Apathy in dementia: identifying mechanisms for targeted interventions	University of New South Wales	\$514,403.60
APP1121793	CIA - Professor John Bertram (Monash University) CIB - Associate Professor David Nikolic-Paterson (Monash University) CIC - Professor Kate Denton (Monash University)	Defining the central role of podocyte depletion in the development, progression and management of glomerular disease	Monash University	\$690,854.60

APP1121806	<p>CIA - Associate Professor Julie McMullen (Baker IDI Heart and Diabetes Institute Holdings Limited)</p> <p>CIB - Professor Mark Febbraio (The Garvan Institute of Medical Research)</p> <p>CIC - Doctor Melanie White (University of Sydney)</p> <p>CID - Doctor Andrew Carey (Baker IDI Heart and Diabetes Institute Holdings Limited)</p>	Identification of novel secretory factors from the heart as new targets for metabolic disease	Baker IDI Heart and Diabetes Institute Holdings Limited	\$864,012.20
APP1121830	<p>CIA - Associate Professor Sally Brinkman (Telethon Kids Institute, Subiaco WA)</p> <p>CIB - Professor Sheena Reilly (Griffith University)</p> <p>CIC - Professor John Lynch (The University of Adelaide)</p> <p>CID - Professor Edward Melhuish (The University of Wollongong)</p>	The contribution of home language exposure to intergenerational transmission of inequality	University of Western Australia	\$1,281,706.00

APP1121891	<p>CIA - Doctor Megan Lim (Burnet Institute)</p> <p>CIB - Professor Paul Dietze (Burnet Institute)</p> <p>CIC - Doctor Michael Livingston (La Trobe University)</p> <p>CID - Professor Robin Room (La Trobe University)</p> <p>CIE - Doctor Emmanuel Kuntsche (Addiction Suisse)</p>	<p>Mobile Intervention for Drinking in Young people (MIDY): randomised controlled trial</p>	<p>Burnet Institute</p>	<p>\$403,377.60</p>
APP1121898	<p>CIA - Associate Professor Julia Crilly (Griffith University)</p> <p>CIB - Professor Stuart Kinner (Griffith University)</p> <p>CIC - Professor Gerry Fitzgerald (Queensland University of Technology)</p> <p>CID - Associate Professor Edward Heffernan (Metro North Hospital and Health Service, Queensland Health)</p> <p>CIE - Professor Marianne Wallis (University of the Sunshine Coast)</p>	<p>Improving outcomes for people with acute mental illness in the emergency department: a data linkage study</p>	<p>Griffith University</p>	<p>\$251,470.00</p>

APP1121907	<p>CIA - Associate Professor Marie Bogoyevitch (University of Melbourne) CIB - Professor David Jans (Monash University) CIC - Associate Professor Daniel Hatters (University of Melbourne) CID - Doctor Elizabeth Hinde (University of New South Wales)</p>	Altered nuclear trafficking and nuclear body dynamics as drivers of ataxin-1 toxicity	University of Melbourne	\$755,190.00
APP1121936	<p>CIA - Professor Wieland Meyer (University of Sydney) CIB - Associate Professor Sharon Chen (Westmead Hospital) CIC - Professor Tania Sorrell (University of Sydney) CID - Professor Paul Hebert (University of Guelph) CIE - Doctor Vincent Robert (CBS-KNAW Fungal Biodiversity Centre)</p>	Closing the gap in early diagnostic capabilities for mycoses - DNA barcoding to combat an emerging global health problem	University of Sydney	\$753,447.00

APP1121970	<p>CIA - Professor John Hooper (The University of Queensland)</p> <p>CIB - Doctor Juha Rantala (Misvik Biology Corporation)</p> <p>CIC - Doctor Paul Conroy (Monash University)</p>	A novel protease and growth factor regulated signalling system in ovarian cancer	The University of Queensland	\$856,742.75
APP1121979	<p>CIA - Professor David Mackey (University of Western Australia)</p> <p>CIB - Associate Professor Alex Hewitt (Menzies Research Institute Tasmania)</p> <p>CIC - Professor Christopher Hammond (Kings College London)</p> <p>CID - Associate Professor Stuart Macgregor (The Council of the Queensland Institute of Medical Research)</p> <p>CIE - Professor Kathryn Rose (University of Technology Sydney)</p> <p>CIF - Professor Elizabeth Milne (University of Western Australia)</p> <p>CIG - Professor Robyn Lucas (Australian National University)</p> <p>CIH - Doctor Fred Chen (Lions Eye Institute Limited)</p> <p>CII - Professor Mingguang He (University of Melbourne)</p> <p>CIJ - Professor Jeremy Guggenheim (Cardiff University)</p>	Young adult myopia: genetic and environmental associations	University of Western Australia	\$809,270.70

APP1121982	<p>CIA - Doctor Peter Arrow (North Metropolitan Area Health Service, Department of Health, Western Australia)</p> <p>CIB - Associate Professor Lisa Jamieson (The University of Adelaide)</p> <p>CIC - Mr Rob Mcphee (Kimberley Aboriginal Medical Services)</p> <p>CID - Professor David Atkinson (University of Western Australia)</p> <p>CIE - Doctor Tamara Mackean (The Flinders University of South Australia)</p> <p>CIF - Doctor Sanjeewa Kularatna (Griffith University)</p> <p>CIG - Ms Utsana Tonmukayakul (Deakin University)</p> <p>CIH - Professor David Brennan (The University of Adelaide)</p> <p>CII - Doctor David Palmer (Murdoch University)</p> <p>CIJ - Doctor Soniya Nanda-Paul (WA Department of Health)</p>	Minimally invasive approach to manage early childhood caries in Aboriginal pre-schoolers	The University of Adelaide	\$1,488,220.00
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APP1122022	<p>CIA - Doctor Juliet French (The Council of the Queensland Institute of Medical Research)</p> <p>CIB - Associate Professor Stacey Edwards (The Council of the Queensland Institute of Medical Research)</p> <p>CIC - Doctor Fares Al-Ejeh (The Council of the Queensland Institute of Medical Research)</p> <p>CID - Doctor Alison Dunning (University of Cambridge, UK)</p>	Identifying novel long-noncoding RNAs involved in the development of breast cancer	The Council of the Queensland Institute of Medical Research	\$785,203.50
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APP1122055	<p>CIA - Professor Robert Shepherd (The Bionics Institute of Australia)</p> <p>CIB - Associate Professor John Forsythe (Monash University)</p> <p>CIC - Doctor Rylie Green (University of New South Wales)</p> <p>CID - Associate Professor James Fallon (The Bionics Institute of Australia)</p> <p>CIE - Professor Helena Parkington (Monash University)</p> <p>CIF - Professor Dan Li (Monash University)</p>	Delivering advanced electrode materials to the clinic	The Bionics Institute of Australia	\$702,603.50
APP1122070	CIA - Associate Professor Philip Stevenson (The University of Queensland)	Targeting myeloid cells to restrict gamma-herpesvirus spread	The University of Queensland	\$643,152.00
APP1122073	<p>CIA - Associate Professor David Nikolic-Paterson (Monash University)</p> <p>CIB - Professor Hui Lan (The Chinese University of Hong Kong)</p> <p>CIC - Doctor Frank Ma (Monash University)</p>	TGF-beta/Smad signalling in macrophage-mediated renal fibrosis	Monash University	\$683,739.00

APP1122099	CIA - Professor Anthony Purcell (Monash University) CIB - Doctor Julian Vivian (Monash University)	The molecular basis of HLA-linked drug hypersensitivity	Monash University	\$827,536.00
APP1122104	CIA - Doctor Kathryn Poole (University of New South Wales) CIB - Professor Boris Martinac (Victor Chang Cardiac Research Institute Limited)	Mechanoelectrical transduction in chondrocytes	University of New South Wales	\$441,114.00
APP1122108	CIA - Professor Ruth Ganss (Harry Perkins Institute of Medical Research) CIB - Professor Gabriele Bergers (University of California, San Francisco, CA, USA) CIC - Professor Alistair Forrest (Harry Perkins Institute of Medical Research) CID - Associate Professor Juliana Hamzah (Harry Perkins Institute of Medical Research)	Improving anti-cancer therapy by stromal targeting and remodelling	University of Western Australia	\$673,742.00

APP1122141	<p>CIA - Associate Professor David Whiley (The University of Queensland)</p> <p>CIB - Associate Professor Rebecca Guy (University of New South Wales)</p> <p>CIC - Associate Professor James Ward (South Australian Health and Medical Research Institute Limited)</p> <p>CID - Professor Basil Donovan (University of New South Wales)</p> <p>CIE - Professor Monica Lahra (Prince Henry / Prince of Wales Hospital)</p> <p>CIF - Associate Professor Marcus Chen (Melbourne Sexual Health Centre)</p> <p>CIG - Doctor Nathan RYDER (John Hunter Hospital)</p> <p>CIH - Professor David Lewis (Western Sydney Local Health District)</p> <p>CII - Doctor Handan Wand (University of New South Wales)</p> <p>CIJ - Professor David Paterson (The University of Queensland)</p>	<p>Use of molecular resistance assays to provide alternative oral treatment strategies for gonorrhoea in Indigenous and other high-risk populations; a randomised cluster trial</p>	<p>The University of Queensland</p>	<p>\$828,671.40</p>
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APP1122170	<p>CIA - Doctor Mohammed Hossain (Florey Institute of Neuroscience and Mental Health)</p> <p>CIB - Professor Ross Bathgate (Florey Institute of Neuroscience and Mental Health)</p> <p>CIC - Professor John Wade (Florey Institute of Neuroscience and Mental Health)</p> <p>CID - Associate Professor Chrisan Samuel (Monash University)</p> <p>CIE - Doctor Song Yao (Florey Institute of Neuroscience and Mental Health)</p> <p>CIF - Doctor Karl Johan Rosengren (The University of Queensland)</p> <p>CIG - Doctor Martina Kocan (Florey Institute of Neuroscience and Mental Health)</p>	Unraveling fibrosis by pharmacological targeting of the G protein-coupled receptor, RXFP1	Florey Institute of Neuroscience and Mental Health	\$798,618.00
APP1122176	<p>CIA - Professor Mark Cooper (Baker IDI Heart and Diabetes Institute Holdings Limited)</p> <p>CIB - Doctor Phillip Kantharidis (Baker IDI Heart and Diabetes Institute Holdings Limited)</p>	A novel endogenous inhibitor for the treatment of diabetic nephropathy	Baker IDI Heart and Diabetes Institute Holdings Limited	\$774,606.00

APP1122189	<p>CIA - Professor George Patton (University of Melbourne)</p> <p>CIB - Professor Louisa Degenhardt (University of New South Wales)</p> <p>CIC - Doctor Lisa Mundy (Murdoch Childrens Research Institute)</p> <p>CID - Professor John Carlin (Murdoch Childrens Research Institute)</p> <p>CIE - Professor Susan Sawyer (University of Melbourne)</p> <p>CIF - Doctor Rohan Borschmann (University of Melbourne)</p> <p>CIG - Professor Nicholas Allen (University of Oregon, United States)</p> <p>CIH - Professor Russell Viner (University College London (UCL))</p>	The pubertal onset of mental disorders and early substance abuse	Murdoch Childrens Research Institute	\$1,118,072.40
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APP1122200	<p>CIA - Doctor Monica Barratt (University of New South Wales)</p> <p>CIB - Doctor James Martin</p> <p>CIC - Professor Ross Coomber (Griffith University)</p> <p>CID - Professor Alison Ritter (University of New South Wales)</p> <p>CIE - Associate Professor Aili Malm (California State University)</p> <p>CIF - Assistant Professor David Decary-Hetu ()</p> <p>CIG - Ms Judith Aldridge (University of Manchester, UK)</p> <p>CIH - Doctor Jason Ferris (The University of Queensland)</p>	Drugs on the darknet: assessing the global health risks of a rapidly expanding market	University of New South Wales	\$399,692.00
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<p>APP1122220</p>	<p>CIA - Professor Marcello Rosa (Monash University) CIB - Professor Tetsuo Yamamori (RIKEN Brain Science Institute) CIC - Professor Paul Martin (University of Sydney) CID - Doctor Hsin-Hao Yu (Monash University) CIE - Professor Partha Mitra (Cold Spring Harbour Laboratory) CIF - Professor Ramesh Rajan (Monash University) CIG - Doctor Akiya Watakabe (RIKEN Brain Science Institute)</p>	<p>Neural circuits for residual vision after damage to striate cortex</p>	<p>Monash University</p>	<p>\$662,219.75</p>
<p>APP1122227</p>	<p>CIA - Professor Mark Febbraio (The Garvan Institute of Medical Research) CIB - Professor Michael Karin (University of California, San Diego, CA, USA) CIC - Professor Nicholas Shackel (Ingham Institute of Applied Medical Research, The)</p>	<p>NAFLD, NASH and Hepatocellular carcinoma: mechanisms & potential treatments</p>	<p>The Garvan Institute of Medical Research</p>	<p>\$692,991.50</p>

APP1122240	CIA - Doctor Kate Schroder (The University of Queensland) CIB - Professor Jennifer Stow (The University of Queensland)	A novel mechanism for IL-1 β secretion	The University of Queensland	\$608,152.00
APP1122273	CIA - Doctor Raymond Lovett (Australian National University) CIB - Professor Emily Banks (Australian National University) CIC - Professor Ngiare Brown (The University of Wollongong) CID - Associate Professor Mark Wenitong (Apunipima Cape York Health Council - Cairns) CIE - Associate Professor Terry Dunbar (The University of Adelaide) CIF - Professor Catherine D'este (Australian National University) CIG - Doctor Wei Du (Australian National University) CIH - Doctor Anna Olsen (Australian National University) CII - Associate Professor Janet Smylie (University of Toronto, Canada)	Understanding the connections between Aboriginal and Torres Strait Islander culture, health and wellbeing to support action to improve outcomes	Australian National University	\$1,915,801.50

APP1122277	<p>CIA - Professor Gabrielle Belz (The Walter and Eliza Hall Institute of Medical Research)</p> <p>CIB - Doctor Nicholas Huntington (The Walter and Eliza Hall Institute of Medical Research)</p> <p>CIC - Professor Eric Vivier (The Walter and Eliza Hall Institute of Medical Research)</p>	Determining regulators of ILC3 in mucosal barrier function and immune homeostasis	The Walter and Eliza Hall Institute of Medical Research	\$705,208.60
APP1122290	<p>CIA - Professor Kelly-Anne Phillips (Peter MacCallum Cancer Centre)</p> <p>CIB - Professor Michael Friedlander (Prince of Wales Hospital)</p> <p>CIC - Professor Amit Oza (Princess Margaret Hospital)</p> <p>CID - Associate Professor Alison Brand (Westmead Hospital)</p> <p>CIE - Doctor Colin Stewart (King Edward Memorial Hospital for Women)</p> <p>CIF - Associate Professor Clare Scott (The Walter and Eliza Hall Institute of Medical Research)</p>	STICs and STONes: a randomised, phase II, double-blind, placebo-controlled trial of Aspirin in chemoprevention of ovarian cancer in women with BRCA1 and BRCA2 Mutations	University of Melbourne	\$653,892.46

APP1122332	<p>CIA - Doctor Barbara Mintzes (University of Sydney)</p> <p>CIB - Professor Elizabeth Roughead (University of South Australia)</p> <p>CIC - Professor Joel Lexchin (York University, Toronto, Canada)</p> <p>CID - Professor Lisa Bero (University of Sydney)</p> <p>CIE - Colin Dormuth (University of British Columbia, Canada)</p> <p>CIF - Associate Professor Aaron Kesselheim (Harvard Medical School, USA)</p> <p>CIG - Doctor Wendy Lipworth (University of Sydney)</p> <p>CIH - Doctor Marie De Bruin (Utrecht University, The Netherlands)</p> <p>CII - Doctor Danijela Gnjidic (University of Sydney)</p> <p>CIJ - Doctor Lorri Puil (University of British Columbia, Canada)</p>	<p>How best to protect public health: a comparative analysis of regulatory safety warnings on medicines in Australia, Canada the European Union and the United States</p>	<p>University of Sydney</p>	<p>\$1,002,283.40</p>
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APP1122342	<p>CIA - Professor Robert Adams (The University of Adelaide)</p> <p>CIB - Professor R. Douglas McEvoy (The Flinders University of South Australia)</p> <p>CIC - Professor Nick Antic (The Flinders University of South Australia)</p> <p>CID - Doctor Sarah Appleton (The University of Adelaide)</p> <p>CIE - Professor Gary Wittert (The University of Adelaide)</p> <p>CIF - Associate Professor Peter Catcheside (The Flinders University of South Australia)</p> <p>CIG - Doctor Andrew Vakulin (The Flinders University of South Australia)</p> <p>CIH - Doctor Andrew Vincent (The University of Adelaide)</p> <p>CII - Professor Anne Taylor (The University of Adelaide)</p>	Health impacts of sleep apnoea in Australian men- a longitudinal population study	The University of Adelaide	\$312,056.10
APP1122351	<p>CIA - Assistant Professor Zhitao Hu (The University of Queensland)</p> <p>CIB - Professor Joshua Kaplan (Massachusetts General Hospital)</p>	Investigation of the function of the scaffolding protein LIN-2/CASK in cholinergic synapses	The University of Queensland	\$911,656.00
APP1122376	CIA - Doctor Benjamin Parker (University of Sydney)	Skeletal muscle signal transduction related to exercise, metabolic disease and human health	University of Sydney	\$557,298.00
APP1122384	CIA - Doctor Mark Chong (St Vincent's Institute of Medical Research)	A stem cell-specific microRNA-independent function of Drosha	St Vincent's Institute of Medical Research	\$637,702.04

APP1122387	<p>CIA - Professor Lyn Griffiths (Queensland University of Technology)</p> <p>CIB - Associate Professor Rod Lea (Queensland University of Technology)</p> <p>CIC - Associate Professor Zameel Cader (Oxford University, Department of Physiology, Anatomy and Genetics)</p> <p>CID - Doctor Larisa Haupt (Queensland University of Technology)</p>	Identifying novel gene mutations for molecular diagnosis of Familial Hemiplegic Migraine	Queensland University of Technology	\$623,460.00
APP1122395	<p>CIA - Doctor Mark Chong (St Vincent's Institute of Medical Research)</p> <p>CIB - Associate Professor Meredith O'Keeffe (Monash University)</p> <p>CIC - Associate Professor Kristen Radford (The University of Queensland)</p>	A novel molecular mechanism controlling myelopoiesis	St Vincent's Institute of Medical Research	\$878,438.70
APP1122437	<p>CIA - Professor Sharad Kumar (University of South Australia)</p> <p>CIB - Doctor Suresh Mathivanan (La Trobe University)</p>	Exploring the role of Arrcd4 in extracellular vesicle biogenesis and its implications in tissue homeostasis	University of South Australia	\$678,742.00

APP1122444	CIA - Doctor Paul Beavis (Peter MacCallum Cancer Centre)	Targeting adenosine mediated immunosuppression to enhance CAR T-cell activity	University of Melbourne	\$633,447.00
APP1122455	CIA - Associate Professor Roger Evans (Monash University) CIB - Professor Clive May (Florey Institute of Neuroscience and Mental Health) CIC - Professor Julian Smith (Monash University) CID - Professor David Smith (University of Western Australia) CIE - Professor Amanda Thrift (Monash University) CIF - Professor Bruce Gardiner (Murdoch University) CIG - Associate Professor Andrew Cochrane (Monash Medical Centre)	Towards prevention of acute kidney injury after cardiac surgery	Monash University	\$771,917.60
APP1122456	CIA - Doctor Bridgette Semple (University of Melbourne)	Social dysfunction after paediatric brain injury in mice	University of Melbourne	\$648,742.00

APP1122506	<p>CIA - Doctor Stavros Selemidis (Monash University) CIB - Associate Professor Ross Vlahos (RMIT University) CIC - Professor Christopher Porter (Monash University) CID - Professor Douglas Brooks (University of South Australia) CIE - Professor John O'Leary (Trinity College Dublin)</p>	Targeting endosomal NOX2 oxidase in viral disease	Monash University	\$791,796.00
APP1122514	<p>CIA - Doctor Eric Chow (Monash University) CIB - Professor Christopher Fairley (Monash University) CIC - Associate Professor Catriona Bradshaw (Alfred Health) CID - Associate Professor Lei Zhang (University of New South Wales) CIE - Professor Jane Hocking (University of Melbourne) CIF - Professor David Lewis (Western Sydney Local Health District) CIG - Associate Professor Marcus Chen (Melbourne Sexual Health Centre) CIH - Doctor Tim Read (Monash University) CII - Associate Professor David Whiley (The University of Queensland)</p>	A randomised controlled trial of daily antibacterial mouthwash to reduce pharyngeal gonorrhoea among men who have sex with men (MSM)	Monash University	\$376,730.00

APP1122524	<p>CIA - Associate Professor Katherine Kedzierska (University of Melbourne)</p> <p>CIB - Associate Professor Steven Tong (Menzies School of Health Research)</p> <p>CIC - Professor Adrian Miller (Griffith University)</p> <p>CID - Professor Anthony Purcell (Monash University)</p> <p>CIE - Doctor Stephanie Gras (Monash University)</p>	Generation of protective immunity against severe influenza disease in Indigenous Australians	University of Melbourne	\$1,630,970.00
APP1122582	<p>CIA - Doctor Christopher McDevitt (The University of Adelaide)</p> <p>CIB - Professor Alastair McEwan (The University of Queensland)</p> <p>CIC - Professor Philip Doble (University of Technology Sydney)</p>	Defining the role of zinc at the host-pneumococcal interface	The University of Adelaide	\$870,924.50

APP1122726	<p>CIA - Associate Professor Krasimir Vasilev (University of South Australia)</p> <p>CIB - Professor Jonathan Gleadle (The Flinders University of South Australia)</p> <p>CIC - Associate Professor Cynthia Whitchurch (University of Technology Sydney)</p> <p>CID - Associate Professor John Hayball (University of South Australia)</p>	'Intelligent' antibacterial coatings for improving outcomes with infections associated with dialysis catheters	University of South Australia	\$653,806.40
APP1122744	<p>CIA - Doctor Justine Ellis (Murdoch Childrens Research Institute)</p> <p>CIB - Associate Professor Michael Inouye (University of Melbourne)</p> <p>CIC - Doctor Jane Munro (Murdoch Childrens Research Institute)</p> <p>CID - Professor Wendy Thomson (University of Manchester, UK)</p> <p>CIE - Doctor Hakon Hakonarson (Children's Hospital of Philadelphia USA)</p>	Towards a diagnostic test for juvenile idiopathic arthritis	Murdoch Childrens Research Institute	\$661,669.80

APP1122783	<p>CIA - Professor Warren Alexander (The Walter and Eliza Hall Institute of Medical Research)</p> <p>CIB - Doctor Ashley Ng (The Walter and Eliza Hall Institute of Medical Research)</p> <p>CIC - Doctor Ian Majewski (The Walter and Eliza Hall Institute of Medical Research)</p>	Role of Erg in B-cell acute lymphoblastic leukaemia	The Walter and Eliza Hall Institute of Medical Research	\$749,034.00
APP1122792	<p>CIA - Associate Professor Thomas Briffa (University of Western Australia)</p> <p>CIB - Professor Louise Cullen (Dept of Health Queensland trading as Royal Brisbane and Women's Hospital (RBWH))</p> <p>CIC - Professor Derek Chew (The Flinders University of South Australia)</p> <p>CID - Professor Matthew Knuiman (University of Western Australia)</p> <p>CIE - Professor Daniel Fatovich (Royal Perth Hospital)</p> <p>CIF - Associate Professor Peter Hickman (Health Directorate trading as The Canberra Hospital)</p> <p>CIG - Associate Professor William Parsonage (Dept of Health Queensland trading as Royal Brisbane and Women's Hospital (RBWH))</p> <p>CIH - Ms Lee Nedkoff (University of Western Australia)</p> <p>CII - Doctor Frank Sanfilippo (University of Western Australia)</p> <p>CIJ - Professor Graham</p>	Is highly-sensitive troponin testing advancing clinical practice, improving outcomes and cost-effective in the investigation and management of chest pain in the Emergency Department?	University of Western Australia	\$1,193,965.80

	Hillis (Royal Perth Hospital)			
APP1122816	<p>CIA - Doctor Justine Gatt (University of New South Wales)</p> <p>CIB - Doctor Robin Turner (University of New South Wales)</p> <p>CIC - Professor Leanne Williams (Stanford University, CA, USA)</p>	Neural trajectories towards vulnerability versus resilience: a longitudinal twin study	University of New South Wales	\$1,258,288.40
APP1122829	<p>CIA - Doctor Walter Fairlie (Olivia Newton John Cancer Research Institute)</p> <p>CIB - Associate Professor Paul Watt (Telethon Kids Institute, Subiaco WA)</p> <p>CIC - Doctor Erinna Lee (La Trobe University)</p> <p>CID - Doctor Gemma Kelly (The Walter and Eliza Hall Institute of Medical Research)</p>	Dual targeting of Myc and apoptosis pathways for improved blood cancer treatment outcomes	La Trobe University	\$754,685.00

APP1122840	<p>CIA - Associate Professor Joanne Williams (Deakin University)</p> <p>CIB - Professor Craig Taylor (Stanford University, CA, USA)</p> <p>CIC - Professor Susan Sawyer (University of Melbourne)</p> <p>CID - Professor Marjory Moodie (Deakin University)</p> <p>CIE - Doctor Helena Romaniuk (Murdoch Childrens Research Institute)</p> <p>CIF - Doctor Wei Luo (Deakin University)</p> <p>CIG - Associate Professor Kylie Hesketh (Deakin University)</p> <p>CIH - Professor Denise Wilfley (Washington University Missouri, MO, USA)</p>	Preventing obesity and promoting healthy body image in Australian secondary schools: a web-based system tailored to individual needs	Deakin University	\$1,320,398.40
APP1122890	<p>CIA - Doctor Daniel Pellicci (University of Melbourne)</p> <p>CIB - Doctor Adam Uldrich (University of Melbourne)</p>	Antigen recognition by CD1a-restricted T-cells in the human immune system	University of Melbourne	\$615,520.00
APP1122897	CIA - Doctor Adam Taylor (Griffith University)	The role of capsid protein nucleolar localisation in Chikungunya virus: implications for vaccine development	Griffith University	\$520,520.00

APP1122974	<p>CIA - Associate Professor Clare Parish (Florey Institute of Neuroscience and Mental Health)</p> <p>CIB - Associate Professor David Nisbet (Australian National University)</p>	Using stem cells and bioengineered scaffolds to promote regeneration following necrotic brain injury	Florey Institute of Neuroscience and Mental Health	\$710,856.80
APP1122999	<p>CIA - Doctor Jeffrey Babon (The Walter and Eliza Hall Institute of Medical Research)</p> <p>CIB - Doctor Ashley Ng (The Walter and Eliza Hall Institute of Medical Research)</p> <p>CIC - Doctor Nadia Kershaw (The Walter and Eliza Hall Institute of Medical Research)</p>	The JAK/STAT pathway in health and disease	The Walter and Eliza Hall Institute of Medical Research	\$866,656.00
APP1123026	<p>CIA - Professor Ostoja Vucic (University of Sydney)</p> <p>CIB - Doctor Parvathi Menon (Westmead Hospital)</p> <p>CIC - Doctor William Huynh (Brain and Mind Research Institute - The University of Sydney)</p>	Pathophysiology, site of disease onset and mechanisms of spread in amyotrophic lateral sclerosis	University of Sydney	\$704,270.00

APP1123033	<p>CIA - Professor Julian Trollor (University of New South Wales)</p> <p>CIB - Associate Professor Claire Vajdic (University of New South Wales)</p> <p>CIC - Professor Nicholas Lennox (The University of Queensland)</p> <p>CID - Associate Professor Rachael Moorin (Curtin University of Technology)</p> <p>CIE - Doctor Simone Reppermund (University of New South Wales)</p>	Understanding health service system needs for people with intellectual disability	University of New South Wales	\$1,216,388.80
APP1123057	<p>CIA - Professor Ygal Haupt (Peter MacCallum Cancer Centre)</p> <p>CIB - Associate Professor Elgene Lim (The Garvan Institute of Medical Research)</p> <p>CIC - Professor Jean-Christophe Marine (Katholieke Universiteit Leuven, Belgium)</p>	Targeting the oncoprotein MDMX as a novel treatment for triple negative breast cancer	University of Melbourne	\$561,672.00

<p>APP1123072</p>	<p>CIA - Professor Mark Dadds (University of Sydney) CIB - Doctor David Hawes (University of Sydney) CIC - Doctor Divya Mehta (The University of Queensland) CID - Associate Professor Eva Kimonis (University of New South Wales) CIE - Professor Paul Frick (Louisiana State University, USA)</p>	<p>An integrated model of environmental, neurodevelopmental, and epigenetic resistance and responsiveness to early intervention in childhood psychopathology</p>	<p>University of Sydney</p>	<p>\$846,110.00</p>
<p>APP1123100</p>	<p>CIA - Doctor Andrew Deans (St Vincent's Institute of Medical Research) CIB - Doctor Alessandro Costa (The Francis Crick Institute, UK)</p>	<p>Biochemical investigation of ubiquitination by the Fanconi anaemia pathway</p>	<p>St Vincent's Institute of Medical Research</p>	<p>\$603,447.00</p>
<p>APP1123135</p>	<p>CIA - Associate Professor Jason Mackenzie (University of Melbourne) CIB - Professor Peter White (University of New South Wales)</p>	<p>Norovirus infection at the stress granule-PKR-p-eIF2α axis</p>	<p>University of Melbourne</p>	<p>\$505,966.50</p>

<p>APP1123208</p>	<p>CIA - Associate Professor Sherene Loi (Peter MacCallum Cancer Centre) CIB - Associate Professor Phillip Darcy (Peter MacCallum Cancer Centre) CIC - Professor Wayne Phillips (Peter MacCallum Cancer Centre)</p>	<p>Combining PI3K, CDK4/6 pathway inhibitors and immunotherapies in triple-negative breast cancer (TNBC): a novel therapy combination</p>	<p>University of Melbourne</p>	<p>\$626,344.60</p>
<p>APP1123212</p>	<p>CIA - Associate Professor Sherene Loi (Peter MacCallum Cancer Centre)</p>	<p>Molecular profiling residual disease from early stage HER2 positive breast cancer treated with neoadjuvant chemo- and anti-HER2 therapy</p>	<p>University of Melbourne</p>	<p>\$467,108.10</p>
<p>APP1123217</p>	<p>CIA - Professor Nicholas Hayward (The Council of the Queensland Institute of Medical Research) CIB - Doctor Nicola Waddell (The Council of the Queensland Institute of Medical Research) CIC - Mr John Pearson (The Council of the Queensland Institute of Medical Research)</p>	<p>Towards better treatments for acral melanoma through functional genomics</p>	<p>The Council of the Queensland Institute of Medical Research</p>	<p>\$1,456,823.00</p>

APP1123218	<p>CIA - Professor Malcolm McConville (University of Melbourne)</p> <p>CIB - Doctor Christopher Tonkin (The Walter and Eliza Hall Institute of Medical Research)</p> <p>CIC - Professor Vernon Carruthers (University of Michigan Health System)</p>	Targeting acute and chronic toxoplasmosis	University of Melbourne	\$531,114.00
APP1123248	<p>CIA - Associate Professor Stuart Macgregor (The Council of the Queensland Institute of Medical Research)</p> <p>CIB - Associate Professor Rachel Neale (The Council of the Queensland Institute of Medical Research)</p> <p>CIC - Doctor Matthew Law (The Council of the Queensland Institute of Medical Research)</p> <p>CID - Doctor Puya Gharahkhani (The Council of the Queensland Institute of Medical Research)</p>	Which modifiable risk factors actually cause cancer?	The Council of the Queensland Institute of Medical Research	\$384,076.00

<p>APP1123274</p>	<p>CIA - Professor Stephen Tong (University of Melbourne) CIB - Doctor Andrew Horne (University of Edinburgh) CIC - Doctor Tu'uhevaha Kaitu'u-Lino (University of Melbourne) CID - Associate Professor Elgene Lim (The Garvan Institute of Medical Research)</p>	<p>Development of vinorelbine as a tablet based therapy to cure ectopic pregnancies</p>	<p>University of Melbourne</p>	<p>\$361,593.80</p>
<p>APP1123277</p>	<p>CIA - Associate Professor Ann Chidgey (Monash University) CIB - Professor Edouard Stanley (Murdoch Childrens Research Institute) CIC - Associate Professor John Forsythe (Monash University)</p>	<p>Stem cell based strategies for re-establishing T-cell immunity in aging and disease</p>	<p>Monash University</p>	<p>\$845,777.00</p>
<p>APP1123315</p>	<p>CIA - Doctor Lee Wong (Monash University) CIB - Professor Philippe Collas (Oslo University Hospital)</p>	<p>Epigenetic regulation of telomere chromatin and genome stability</p>	<p>Monash University</p>	<p>\$633,447.00</p>

APP1123329	<p>CIA - Associate Professor Alex Hewitt (Menziess Research Institute Tasmania)</p> <p>CIB - Doctor Guei-Sheung Liu (Centre for Eye Research Australia Limited)</p> <p>CIC - Doctor Livia Carvalho (University of Western Australia)</p>	Self-destructing CRISPR-constructs for targeted genome editing in the retina	Centre for Eye Research Australia Limited	\$679,926.00
APP1123341	<p>CIA - Professor Hamish Scott (Central Adelaide Local Health Network incorporated, trading as SA Pathology)</p> <p>CIB - Associate Professor Christopher Barnett (Women's and Children's Hospital (Adelaide))</p> <p>CIC - Associate Professor Lynette Moore (Central Adelaide Local Health Network incorporated, trading as SA Pathology)</p> <p>CID - Professor T Yee Khong (Central Adelaide Local Health Network incorporated, trading as SA Pathology)</p> <p>CIE - Doctor Karin Kassahn (Central Adelaide Local Health Network incorporated, trading as SA Pathology)</p> <p>CIF - Professor David Adelson (The University of Adelaide)</p>	Genetic autopsy of perinatal death: diagnosis and discovery by genome sequencing	University of South Australia	\$989,332.00

APP1123357	<p>CIA - Associate Professor Philip Sutton (Murdoch Childrens Research Institute)</p> <p>CIB - Doctor Trevelyan Menheniott (Murdoch Childrens Research Institute)</p> <p>CIC - Professor Hazel Mitchell (University of New South Wales)</p>	A novel therapeutic target for preventing Helicobacter pylori-associated diseases	Murdoch Childrens Research Institute	\$750,336.00
APP1123376	<p>CIA - Professor Anatoly Rozenfeld (The University of Wollongong)</p> <p>CIB - Doctor Jeremy Booth (Royal North Shore Hospital)</p> <p>CIC - Professor Tomas Kron (Peter MacCallum Cancer Centre)</p> <p>CID - Professor David Thwaites (University of Sydney)</p> <p>CIE - Doctor Stephanie Corde (The University of Wollongong)</p> <p>CIF - Professor Wolfgang Tome (Albert Einstein College of Medicine, Bronx, NY)</p> <p>CIG - Associate Professor Michael Lerch (The University of Wollongong)</p> <p>CIH - Doctor Marco Petasecca (The University of Wollongong)</p>	Fast and efficient assessment of dose in small targets in radiotherapy: effect of motion in clinical research and implementation of dynamic therapy	The University of Wollongong	\$501,264.50

APP1123392	<p>CIA - Associate Professor Kevan Polkinghorne (Monash University)</p> <p>CIB - Professor Charmaine Lok (University Health Network, Toronto)</p> <p>CIC - Professor Peter Kerr (Monash Medical Centre)</p> <p>CID - Associate Professor Germaine Wong (University of Sydney)</p> <p>CIE - Associate Professor Wai Lim (Metropolitan Health Service trading as Sir Charles Gairdner Hospital)</p> <p>CIF - Doctor Nicole Isbel (The University of Queensland)</p> <p>CIG - Professor Stephen Holt (Melbourne Health)</p>	The impact of polyunsaturated fatty acids on cardiovascular events in the end stage kidney disease dialysis population	Monash University	\$1,076,284.10
APP1123418	<p>CIA - Associate Professor Ulrike Grunert (University of Sydney)</p> <p>CIB - Professor Paul Martin (University of Sydney)</p>	Mapping the human retina: a foundation study	University of Sydney	\$411,555.00

APP1123421	<p>CIA - Professor Adam Guastella (University of Sydney)</p> <p>CIB - Professor Paul Haber (Royal Prince Alfred Hospital, Camperdown NSW)</p> <p>CIC - Doctor Daniel Hermens (University of Sydney)</p> <p>CID - Doctor Kirsten Morley (University of Sydney)</p> <p>CIE - Professor Jim Lagopoulos (University of the Sunshine Coast)</p> <p>CIF - Doctor Yun Ju Song (University of Sydney)</p>	A randomized controlled trial of oxytocin nasal spray for alcohol dependence	University of Sydney	\$673,035.10
APP1123432	<p>CIA - Professor Ricky Johnstone (Peter MacCallum Cancer Centre)</p> <p>CIB - Associate Professor Jake Shortt (Monash University)</p> <p>CIC - Associate Professor Phillip Darcy (Peter MacCallum Cancer Centre)</p> <p>CID - Associate Professor Michael Kershaw (Peter MacCallum Cancer Centre)</p> <p>CIE - Professor Joseph Trapani (Peter MacCallum Cancer Centre)</p>	Exploiting and defining the immune regulatory activities of BET bromodomain inhibitors	University of Melbourne	\$910,476.00

APP1123445	CIA - Professor Ricky Johnstone (Peter MacCallum Cancer Centre) CIB - Professor Miles Prince (Peter MacCallum Cancer Centre)	Targeting epigenetic enzymes in core binding factor AML	University of Melbourne	\$542,273.00
APP1123456	CIA - Doctor Kelly Smith (The University of Queensland) CIB - Professor Jeroen Bakkers (Hubrecht Institute for Developmental Biology and Stem Cell Research, The Netherlands) CIC - Doctor Nathan Palpant (The University of Queensland)	Investigating a novel genetic regulator of cardiac rhythm	The University of Queensland	\$557,100.80
APP1123472	CIA - Professor Fadi Charchar (Federation University Australia) CIB - Professor Stephen Harrap (University of Melbourne) CIC - Professor Nilesh Samani (University of Leicester - UK)	Y chromosome mechanisms in coronary artery disease	Federation University Australia	\$369,076.00

<p>APP1123495</p>	<p>CIA - Professor David Preen (University of Western Australia) CIB - Assistant Professor Iris Lansdorp-Vogelaar (Erasmus University Medical Centre) CIC - Professor Peter O'Leary (Curtin University of Technology) CID - Doctor Hooi Ee (Sir Charles Gairdner Hospital, Perth) CIE - Professor Max Bulsara (The University of Notre Dame Australia) CIF - Professor Cameron Platell (University of Western Australia)</p>	<p>Improving efficiency of surveillance colonoscopy for colorectal cancer prevention</p>	<p>University of Western Australia</p>	<p>\$643,123.40</p>
<p>APP1123498</p>	<p>CIA - Doctor Miranda Davies-Tuck (Hudson Institute of Medical Research)</p>	<p>A double blind randomised placebo controlled trial of melatonin as an adjuvant agent in induction of labour</p>	<p>Monash University</p>	<p>\$384,565.75</p>

APP1123499	<p>CIA - Professor Elizabeth Phillips (Murdoch University) CIB - Professor Simon Mallal (Murdoch University) CIC - Professor Ian James (Murdoch University) CID - Associate Professor Alec Redwood (Murdoch University) CIE - Associate Professor Lloyd D'Orsogna (University of Western Australia)</p>	Tissue specific T-cells mediate drug hypersensitivity	Murdoch University	\$1,253,980.00
APP1123554	<p>CIA - Associate Professor Ian Smyth (Monash University) CIB - Doctor Denny Cottle (Monash University) CIC - Associate Professor Marcel Nold (Hudson Institute of Medical Research) CID - Doctor Claudia Nold (Hudson Institute of Medical Research)</p>	Modulating inflammation as a therapy for Harlequin Ichthyosis	Monash University	\$718,739.00

<p>APP1123586</p>	<p>CIA - Doctor Stuart Mannering (St Vincent's Institute of Medical Research) CIB - Professor Kathryn Haskins (University of Colorado, CO, USA) CIC - Doctor Hugh Reid (Monash University)</p>	<p>Analysis of human CD4+ T-cell responses to epitopes formed by peptide fusion in the pathogenesis of Type 1 diabetes</p>	<p>St Vincent's Institute of Medical Research</p>	<p>\$1,239,989.00</p>
<p>APP1123603</p>	<p>CIA - Professor Elina Hypponen (University of South Australia) CIB - Professor Marjo-Riitta Jarvelin (Imperial College London, UK) CIC - Professor Joseph Selvanayagam (The Flinders University of South Australia) CID - Professor Howard Morris (University of South Australia)</p>	<p>The dark side of vitamin D supplementation</p>	<p>University of South Australia</p>	<p>\$513,960.25</p>

APP1123625	<p>CIA - Professor Ashley Bush (Florey Institute of Neuroscience and Mental Health)</p> <p>CIB - Associate Professor Michael Woodward (Austin Health)</p> <p>CIC - Associate Professor Stephen Macfarlane (Caulfield General Medical Centre)</p> <p>CID - Doctor Kathryn Ellis (University of Melbourne)</p> <p>CIE - Doctor Scott Ayton (Florey Institute of Neuroscience and Mental Health)</p> <p>CIF - Professor Patricia Desmond (Royal Melbourne Hospital)</p> <p>CIG - Associate Professor Olivier Salvado (Commonwealth Scientific and Industrial Research Organisation)</p>	Deferiprone to Delay Dementia (The 3D study)	Florey Institute of Neuroscience and Mental Health	\$1,855,000.00
APP1123684	CIA - Professor Justine Smith (The Flinders University of South Australia)	Regulation of ICAM-1 expression in human retinal endothelial cells	The Flinders University of South Australia	\$565,966.50
APP1123722	<p>CIA - Doctor Karen Gregory (Monash University)</p> <p>CIB - Doctor Lauren May (Monash University)</p> <p>CIC - Doctor Andrea Vernall (University of Otago, New Zealand)</p>	Investigating the impact of coincident modulation of adenosine and glutamate receptors on neuronal activity – implications for CNS drug discovery	Monash University	\$648,447.00

APP1123816	CIA - Professor Alpha Yap (The University of Queensland) CIB - Doctor Zoltan Neufeld (The University of Queensland) CIC - Doctor Guillermo Gomez (The University of Queensland)	A mechanotransduction apparatus to coordinate epithelial collective cell migration	The University of Queensland	\$994,596.00
APP1123866	CIA - Professor Eric Reynolds (University of Melbourne) CIB - Doctor Paul Veith (University of Melbourne)	Characterization of the Type IX secretion system in Porphyromonas gingivalis	University of Melbourne	\$831,656.00
APP1123877	CIA - Professor Herbert Herzog (The Garvan Institute of Medical Research)	NPY coordination of energy balance and physical activity	The Garvan Institute of Medical Research	\$844,596.00

APP1123988	<p>CIA - Associate Professor Joseph Sasadeusz (Melbourne Health)</p> <p>CIB - Professor Adeeba Kamarulzaman (University of Malaya, Kuala Lumpur, Malaysia)</p> <p>CIC - Professor Fabienne Mackay (University of Melbourne)</p> <p>CID - Professor Martyn French (University of Western Australia)</p> <p>CIE - Doctor Anchalee Avihingsanon (The HIV Netherlands Australia Thailand Research Collaboration (HIV-NAT))</p> <p>CIF - Doctor Nagalingeswaran Kumarasamy (Y.R. Gaitonde Centre for AIDS Research and Education)</p> <p>CIG - Associate Professor Peter Revill (Victorian Infectious Diseases Reference Laboratory)</p> <p>CIH - Doctor Megan Crane (University of Melbourne)</p> <p>CII - Doctor Renae Walsh (Victorian Infectious Diseases Reference Laboratory)</p>	Towards a functional cure for HBV: exploiting lessons from HBV-HIV co-infection	University of Melbourne	\$913,551.00
APP1124005	CIA - Doctor Adam Walker (Macquarie University)	Understanding the early disease mechanisms of motor neuron disease and frontotemporal dementia	Macquarie University	\$692,486.50

APP1124011	<p>CIA - Associate Professor Benjamin Hogan (The University of Queensland)</p> <p>CIB - Doctor Xiangjian Zheng (Centenary Institute of Cancer Medicine and Cell Biology)</p> <p>CIC - Doctor Anne Karine Legendijk (The University of Queensland)</p>	Coupling the mechanical, signalling and transcriptional mechanisms that initiate pathogenesis of cerebral cavernous malformation	The University of Queensland	\$1,228,364.00
APP1124020	<p>CIA - Professor William Sievert (Monash Medical Centre)</p> <p>CIB - Doctor Rebecca Lim (Hudson Institute of Medical Research)</p>	A pilot study to evaluate the safety of intravenously administered human amnion epithelial cells in patients with compensated cirrhosis	Monash University	\$394,692.00
APP1124026	<p>CIA - Doctor Andrew Brooks (The University of Queensland)</p> <p>CIB - Doctor Manuel Fernandez Rojo (The Council of the Queensland Institute of Medical Research)</p> <p>CIC - Professor Elizabeth Powell (The University of Queensland)</p>	HLA-G/H2-B1 is critical for regulating inflammation in the liver	The University of Queensland	\$494,050.00

APP1124032	CIA - Professor Stephen Pyne (The University of Wollongong) CIB - Professor Paul Keller (The University of Wollongong) CIC - Professor Thomas Riley (University of Western Australia) CID - Associate Professor Dena Lyras (Monash University)	From lead compounds to potential therapeutics: drugs to treat Clostridium difficile infections	The University of Wollongong	\$523,460.00
APP1124125	CIA - Professor Peter Angus (Austin Health) CIB - Doctor Chandana Herath (University of Melbourne)	Novel therapies targeting the alternate renin angiotensin system in chronic liver disease	University of Melbourne	\$1,284,565.00

APP1124130	<p>CIA - Professor Timothy Davis (University of Western Australia) CIB - Doctor Brioni Moore (University of Western Australia) CIC - Doctor Moses Laman (Papua New Guinea Institute of Medical Research, Goroka, Papua New Guinea) CID - Professor Kevin Batty (Curtin University of Technology) CIE - Doctor Laurens Manning (University of Western Australia) CIF - Doctor Sam Salman (University of Western Australia)</p>	A study of artemisinin combination therapy given at delivery to prevent postpartum malaria and to young infants to treat uncomplicated malaria	University of Western Australia	\$788,850.00
APP1124161	<p>CIA - Professor Robin Anderson (Peter MacCallum Cancer Centre) CIB - Professor Christopher Porter (Monash University) CIC - Doctor Angus Johnston (Monash University)</p>	Anti-metastasis therapy via nanoparticle mediated drug delivery	University of Melbourne	\$835,199.00

APP1124172	<p>CIA - Professor Jane Hocking (University of Melbourne)</p> <p>CIB - Professor Basil Donovan (University of New South Wales)</p> <p>CIC - Professor Sepehr Tabrizi (The Royal Women's Hospital Melbourne)</p> <p>CID - Associate Professor Mark Boyd (University of New South Wales)</p> <p>CIE - Associate Professor Marcus Chen (Melbourne Sexual Health Centre)</p> <p>CIF - Doctor Janaki Amin (University of New South Wales)</p> <p>CIG - Associate Professor Catriona Bradshaw (Alfred Health)</p> <p>CIH - Professor Peter Timms (University of the Sunshine Coast)</p> <p>CII - Associate Professor David Regan (University of New South Wales)</p> <p>CIJ - Doctor Natalie Carvalho (University of Melbourne)</p>	A randomised controlled trial (RCT) of azithromycin versus doxycycline for the treatment of rectal chlamydia infection in men who have sex with men	University of Melbourne	\$797,905.60
APP1124175	CIA - Professor Malcolm Jones (The University of Queensland)	A new animal model for genitourinary schistosomiasis	The University of Queensland	\$395,711.00

APP1124264	<p>CIA - Doctor Coral Gartner (The University of Queensland)</p> <p>CIB - Associate Professor Mark Boyd (University of New South Wales)</p> <p>CIC - Professor Billie Bonevski (The University of Newcastle)</p> <p>CID - Professor Charles Gilks (The University of Queensland)</p> <p>CIE - Professor Ron Borland (Cancer Council Victoria)</p> <p>CIF - Doctor Ryan Courtney (University of New South Wales)</p> <p>CIG - Doctor Linda Cobiac (University of Oxford, UK)</p> <p>CIH - Professor Hayden McRobbie (Queen Mary, University of London)</p> <p>CII - Doctor Peter Baker (The University of Queensland)</p> <p>CIJ - Professor Jochen Mueller (The University of Queensland)</p>	A pragmatic randomised clinical trial of nicotine vaporisers added to smoking cessation treatment for priority populations living with comorbidities	The University of Queensland	\$1,499,145.44
APP1124309	CIA - Doctor Elizabeth Christie (Peter MacCallum Cancer Centre)	Understanding and targeting acquired chemoresistance in high-grade serous ovarian cancer	University of Melbourne	\$527,823.60
APP1124356	<p>CIA - Doctor Thibault Renoir (University of Melbourne)</p> <p>CIB - Professor Anthony Hannan (Florey Institute of Neuroscience and Mental Health)</p> <p>CIC - Doctor Scott Ayton (Florey Institute of Neuroscience and Mental Health)</p>	New treatments for Huntington's disease	Florey Institute of Neuroscience and Mental Health	\$674,034.00

APP1124368	<p>CIA - Professor Carla Treloar (University of New South Wales)</p> <p>CIB - Associate Professor Mark Stoove (Burnet Institute)</p> <p>CIC - Professor Paul Dietze (Burnet Institute)</p> <p>CID - Professor Eileen Baldry (University of New South Wales)</p> <p>CIE - Doctor Peter Higgs (National Drug Research Institute)</p>	Identifying factors that improve the health of prisoners who inject drugs	University of New South Wales	\$376,657.60
APP1124377	<p>CIA - Associate Professor Peter Gibbs (The Walter and Eliza Hall Institute of Medical Research)</p> <p>CIB - Professor Bert Vogelstein (Johns Hopkins University, USA)</p>	Utilising circulating tumour DNA (ctDNA) to optimise the adjuvant therapy and follow-up of patients with locally advanced rectal cancer	The Walter and Eliza Hall Institute of Medical Research	\$1,316,682.00

APP1124378	<p>CIA - Professor Carla Treloar (University of New South Wales) CIB - Professor Gary Dowsett (La Trobe University) CIC - Doctor Max Hopwood (University of New South Wales) CID - Associate Professor Martin Holt (University of New South Wales) CIE - Doctor Toby Lea (University of New South Wales) CIF - Professor Peter Aggleton (University of New South Wales)</p>	Crystal methamphetamine use, sex and risk practice among gay and bisexual men	University of New South Wales	\$597,476.00
APP1124411	<p>CIA - Associate Professor Ehsan Arabzadeh (Australian National University) CIB - Professor Linda Richards (The University of Queensland)</p>	Understanding cortical circuitry underlying sensory integration and the consequence of its developmental disruption	Australian National University	\$527,395.20
APP1124418	<p>CIA - Professor Rana Hinman (University of Melbourne) CIB - Mr Tim Wrigley (University of Melbourne) CIC - Doctor Kade Paterson (University of Melbourne) CID - Doctor Jessica Kasza (Monash University)</p>	Footwear for self-managing knee osteoarthritis symptoms: the Footstep Trial	University of Melbourne	\$590,532.40

APP1124459	<p>CIA - Professor Michael Hickey (Monash University) CIB - Professor Arthur Kitching (Monash University)</p>	<p>Monocytes on patrol – key mediators of renal injury in glomerulonephritis</p>	<p>Monash University</p>	<p>\$772,888.00</p>
APP1124462	<p>CIA - Doctor Flora Tzelepis (The University of Newcastle) CIB - Associate Professor Christine Paul (The University of Newcastle) CIC - Professor John Wiggers (The University of Newcastle) CID - Professor Kypros Kypri (The University of Newcastle) CIE - Professor Philip Morgan (The University of Newcastle) CIF - Associate Professor Marita Lynagh (The University of Newcastle) CIG - Doctor Elizabeth Campbell (Hunter New England Local Health District) CIH - Ms Kathy Chapman (Cancer Council Australia)</p>	<p>A cluster randomised trial of electronic feedback, online and telephone support on multiple health risk behaviours among Technical and Further Education (TAFE) students</p>	<p>The University of Newcastle</p>	<p>\$634,076.00</p>

APP1124471	<p>CIA - Professor Derek Chew (The Flinders University of South Australia)</p> <p>CIB - Associate Professor Thomas Briffa (University of Western Australia)</p> <p>CIC - Professor Louise Cullen (Dept of Health Queensland trading as Royal Brisbane and Women's Hospital (RBWH))</p> <p>CID - Doctor Stephen Quinn (The Flinders University of South Australia)</p> <p>CIE - Professor Jonathan Karnon (The University of Adelaide)</p>	Improving rapid decision-making in the face of uncertainty: a randomised trial of a 1-hour troponin protocol in suspected acute coronary syndromes	The Flinders University of South Australia	\$1,095,319.60
APP1124474	<p>CIA - Professor Gordon Lynch (University of Melbourne)</p> <p>CIB - Professor Gregory Steinberg (McMaster University, Canada)</p>	Therapeutic potential of skeletal muscle plasticity and slow muscle programming for muscular dystrophy	University of Melbourne	\$780,476.00
APP1124485	<p>CIA - Professor Philip Bardin (Monash Health)</p> <p>CIB - Doctor Michael Gantier (Hudson Institute of Medical Research)</p> <p>CIC - Professor Jack Elias (Brown University)</p> <p>CID - Professor Katherine Loveland (Monash University)</p>	Attenuating severe infections in chronic inflammatory diseases through modulation of transforming growth factor- β activity	Monash University	\$611,792.80

APP1124490	<p>CIA - Professor Sharad Kumar (University of South Australia) CIB - Doctor Donna Denton (University of South Australia) CIC - Professor Eric Baehrecke (University of Massachusetts Medical School, USA)</p>	Hormone-dependent autophagy and growth signalling in developmental cell death	University of South Australia	\$613,447.00
APP1124493	<p>CIA - Professor David Walker (Monash University) CIB - Doctor Matthew McKenzie (Hudson Institute of Medical Research) CIC - Professor Rodney Snow (Deakin University) CID - Doctor Hayley Dickinson (Hudson Institute of Medical Research)</p>	Mitochondrial damage following fetal hypoxia or birth asphyxia: using creatine to preserve mitochondrial function	Monash University	\$838,726.00
APP1124503	CIA - Doctor Jana Vukovic (The University of Queensland)	Regulating microglia to combat hippocampal-dependent cognitive decline in ageing	The University of Queensland	\$493,768.00

APP1124567	<p>CIA - Professor Mary Collins Chebib (University of Sydney)</p> <p>CIB - Doctor Andrew Clarkson (University of Otago, New Zealand)</p> <p>CIC - Associate Professor Philip Ahring (University of Sydney)</p> <p>CID - Associate Professor Thomas Balle (University of Sydney)</p>	The awakening: GABA-A receptors as targets for improving motor function	University of Sydney	\$735,498.00
APP1124604	<p>CIA - Doctor Victoria Manning (Turning Point Alcohol and Drug Centre)</p> <p>CIB - Associate Professor Antonio Verdejo-Garcia (Monash University)</p> <p>CIC - Professor Daniel Lubman (Monash University)</p> <p>CID - Associate Professor Petra Staiger (Deakin University)</p> <p>CIE - Doctor Kate Hall (Deakin University)</p>	A randomised controlled trial of cognitive bias modification training during early recovery from alcohol dependence	Monash University	\$531,685.40

<p>APP1124606</p>	<p>CIA - Doctor Peter Stanton (Hudson Institute of Medical Research) CIB - Associate Professor Craig Harrison (Hudson Institute of Medical Research) CIC - Associate Professor Mark Hedger (Hudson Institute of Medical Research) CID - Professor Robert McLachlan (Hudson Institute of Medical Research)</p>	<p>The importance of the blood-testis barrier in human infertility</p>	<p>Monash University</p>	<p>\$560,952.50</p>
<p>APP1124670</p>	<p>CIA - Professor Karlheinz Peter (Baker IDI Heart and Diabetes Institute Holdings Limited) CIB - Professor Wenlong Cheng (Monash University)</p>	<p>Targeting activated platelets: a novel innovative approach for the sensitive detection and therapeutic targeting of various cancers and their metastases</p>	<p>Baker IDI Heart and Diabetes Institute Holdings Limited</p>	<p>\$948,447.00</p>

APP1124673	<p>CIA - Professor Philip Board (Australian National University)</p> <p>CIB - Professor Luke O'Neill (Trinity College Dublin)</p> <p>CIC - Associate Professor Marco Casarotto (Australian National University)</p> <p>CID - Associate Professor Aaron Oakley (The University of Wollongong)</p>	<p>Glutathione transferase Omega 1 as a novel target for sepsis and other inflammatory disorders</p>	<p>Australian National University</p>	<p>\$694,470.50</p>
APP1124675	<p>CIA - Associate Professor Adam Deane (The University of Adelaide)</p> <p>CIB - Professor Simon Finfer (Royal North Shore Hospital)</p> <p>CIC - Professor Deborah Cook (McMaster University, Canada)</p> <p>CID - Professor John Myburgh (The George Institute for Global Health)</p> <p>CIE - Doctor Paul Young (Medical Research Institute of New Zealand, NZ)</p> <p>CIF - Professor Gordon Guyatt (McMaster University, Canada)</p> <p>CIG - Professor Marianne Chapman (Central Adelaide Local Health Network Incorporated, trading as Royal Adelaide Hospital)</p> <p>CIH - Professor Bala Venkatesh (Metro South Hospital and Health Service, Princess Alexandra Hospital)</p>	<p>Re-Evaluating the Inhibition of Stress Erosions (REVISE): gastrointestinal bleeding prophylaxis in ICU</p>	<p>University of Sydney</p>	<p>\$2,955,164.20</p>

	CII - Associate Professor Laurent Billot (The George Institute for Global Health)			
APP1124680	CIA - Doctor Matthew Parsons (University of Melbourne) CIB - Professor Michael Farzan (Scripps Research Institute, USA)	Prevention of HIV-1 infection by adeno associated virus vector-delivered broadly neutralizing antibodies or antibody-like molecules	University of Melbourne	\$875,854.00

<p>APP1124681</p>	<p>CIA - Doctor Tri Phan (The Garvan Institute of Medical Research) CIB - Doctor Cindy Ma (The Garvan Institute of Medical Research) CIC - Doctor John Zaunders (University of New South Wales) CID - Doctor Fabio Luciani (University of New South Wales)</p>	<p>Determining the unique processes that control memory B-cell-mediated secondary antibody responses</p>	<p>The Garvan Institute of Medical Research</p>	<p>\$853,644.20</p>
<p>APP1124706</p>	<p>CIA - Professor William Heath (University of Melbourne) CIB - Associate Professor Irina Caminschi (Monash University) CIC - Associate Professor Scott Mueller (University of Melbourne)</p>	<p>Targeting antigen to Clec9A on dendritic cell for humoral immunity</p>	<p>University of Melbourne</p>	<p>\$744,624.00</p>
<p>APP1124721</p>	<p>CIA - Professor Darryl Eyles (The University of Queensland) CIB - Professor Urs Meyer (ETH Zurich; Swiss Federal Institute of Technology Zurich)</p>	<p>Maternal vitamin D supplementation in a maternal immune activation model of schizophrenia: mechanisms of prevention</p>	<p>The University of Queensland</p>	<p>\$523,364.00</p>

<p>APP1124723</p>	<p>CIA - Professor Herbert Herzog (The Garvan Institute of Medical Research) CIB - Associate Professor Graham Neely (The Garvan Institute of Medical Research)</p>	<p>Neuronal integration of taste and energy</p>	<p>The Garvan Institute of Medical Research</p>	<p>\$1,214,852.00</p>
<p>APP1124724</p>	<p>CIA - Professor Darryl Eyles (The University of Queensland) CIB - Doctor Oliver Howes (King's College London - Institute of Psychiatry, UK)</p>	<p>A new animal model of the prodrome in schizophrenia. Enhanced Dopamine in Prodromal Schizophrenia (EDiPs)</p>	<p>The University of Queensland</p>	<p>\$571,990.00</p>
<p>APP1124735</p>	<p>CIA - Doctor James Murphy (The Walter and Eliza Hall Institute of Medical Research) CIB - Doctor Peter Czabotar (The Walter and Eliza Hall Institute of Medical Research) CIC - Doctor Andrew Webb (The Walter and Eliza Hall Institute of Medical Research)</p>	<p>What is the molecular mechanism underlying cell death by necroptosis?</p>	<p>The Walter and Eliza Hall Institute of Medical Research</p>	<p>\$653,742.00</p>

APP1124737	<p>CIA - Doctor James Murphy (The Walter and Eliza Hall Institute of Medical Research)</p> <p>CIB - Doctor Katherine Jackman (Florey Institute of Neuroscience and Mental Health)</p> <p>CIC - Doctor Edwin Hawkins (The Walter and Eliza Hall Institute of Medical Research)</p>	Targeting necroptosis signalling to counter stroke-induced brain injury	The Walter and Eliza Hall Institute of Medical Research	\$605,808.80
APP1124749	<p>CIA - Professor Phyllis Butow (University of Sydney - (CeMPED))</p> <p>CIB - Associate Professor Ainsley Newson (University of Sydney)</p> <p>CIC - Doctor Megan Best (University of Sydney)</p> <p>CID - Associate Professor Bettina Meiser (University of New South Wales)</p> <p>CIE - Associate Professor Ilona Juraskova (University of Sydney - (CeMPED))</p> <p>CIF - Professor David Goldstein (University of New South Wales)</p> <p>CIG - Doctor Katherine Tucker (Prince of Wales Hospital)</p> <p>CIH - Doctor Mandy Ballinger (The Garvan Institute of Medical Research)</p> <p>CII - Doctor Dominique Gatto (The Garvan Institute of Medical Research)</p> <p>CIJ - Doctor Timothy Schlub (University of Sydney)</p>	Cancer genomics; psychosocial, behavioural and ethical issues and outcomes, two inter-related longitudinal studies	University of Sydney	\$506,654.30

APP1124784	<p>CIA - Doctor Nicholas Huntington (The Walter and Eliza Hall Institute of Medical Research)</p> <p>CIB - Professor Mark Smyth (The Council of the Queensland Institute of Medical Research)</p> <p>CIC - Professor Eric Vivier (The Walter and Eliza Hall Institute of Medical Research)</p> <p>CID - Doctor Sandra Nicholson (The Walter and Eliza Hall Institute of Medical Research)</p>	Identification of CIS as a potent checkpoint in NK cell-mediated tumour immunity	The Walter and Eliza Hall Institute of Medical Research	\$959,596.00
APP1124812	<p>CIA - Doctor Shalin Naik (The Walter and Eliza Hall Institute of Medical Research)</p> <p>CIB - Doctor Matthew Ritchie (The Walter and Eliza Hall Institute of Medical Research)</p> <p>CIC - Professor Saman Halgamuge (University of Melbourne)</p>	Identification of haematopoietic stem and progenitor cell subpopulations	The Walter and Eliza Hall Institute of Medical Research	\$873,524.80
APP1124815	<p>CIA - Associate Professor Sammy Bedoui (University of Melbourne)</p> <p>CIB - Associate Professor Thomas Gebhardt (University of Melbourne)</p>	Microbiota and T-cell immunity	University of Melbourne	\$742,857.00

APP1124822	<p>CIA - Professor Emily Banks (Australian National University)</p> <p>CIB - Professor Sandra Eades (Baker IDI Heart and Diabetes Institute Holdings Limited)</p> <p>CIC - Professor Sally Redman (The Sax Institute)</p> <p>CID - Doctor Anna Williamson (The Sax Institute)</p> <p>CIE - Doctor Hasantha Gunasekera (University of Sydney)</p> <p>CIF - Professor Kathleen Clapham (The University of Wollongong)</p> <p>CIG - Doctor Alison Purcell (University of Sydney)</p> <p>CIH - Doctor Susan Woolfenden (Sydney Children's Hospital)</p>	Evidence for action to improve the health of urban Aboriginal children and adolescents: The SEARCH Study	Australian National University	\$2,877,466.60
APP1124830	CIA - Associate Professor Scott Mueller (University of Melbourne)	Immune surveillance of the CNS during malaria infection	University of Melbourne	\$617,857.00

APP1124907	<p>CIA - Doctor Nicholas Huntington (The Walter and Eliza Hall Institute of Medical Research) CIB - Professor Lynn Corcoran (The Walter and Eliza Hall Institute of Medical Research) CIC - Professor Eric Vivier (The Walter and Eliza Hall Institute of Medical Research) CID - Doctor Sandra Nicholson (The Walter and Eliza Hall Institute of Medical Research)</p>	<p>Identification of E-protein complexes controlling natural killer cell fate and tumour immunity</p>	<p>The Walter and Eliza Hall Institute of Medical Research</p>	<p>\$683,742.00</p>
APP1124917	<p>CIA - Professor Anton Peleg (Monash University) CIB - Associate Professor John Boyce (Monash University) CIC - Professor Jorg Vogel (University of Würzburg, Germany) CID - Professor Ian Paulsen (Macquarie University)</p>	<p>Systems-level characterisation and therapeutic targeting of small RNAs in Acinetobacter baumannii disease</p>	<p>Monash University</p>	<p>\$581,990.00</p>

APP1124926	<p>CIA - Professor Bala Venkatesh (Metro South Hospital and Health Service, Princess Alexandra Hospital)</p> <p>CIB - Professor John Myburgh (The George Institute for Global Health)</p> <p>CIC - Professor Simon Finfer (Royal North Shore Hospital)</p> <p>CID - Professor Steve Webb (University of Western Australia)</p> <p>CIE - Associate Professor Jeremy Cohen (The University of Queensland)</p>	<p>A multi-centre, randomised, blinded, placebo controlled trial comparing intravenous hydrocortisone with placebo in critically ill patients with septic shock</p>	<p>University of Sydney</p>	<p>\$317,997.10</p>
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APP1124958	<p>CIA - Doctor Nicola Newton (University of New South Wales)</p> <p>CIB - Professor Maree Teesson (University of New South Wales)</p> <p>CIC - Doctor Lexine Stapinski (University of New South Wales)</p> <p>CID - Associate Professor Timothy Slade (University of New South Wales)</p> <p>CIE - Professor Patricia Conrod (Universite de Montreal (UdeM))</p> <p>CIF - Doctor Emma Barrett (University of New South Wales)</p> <p>CIG - Doctor Catherine Chapman (University of New South Wales)</p> <p>CIH - Doctor Katrina Champion (University of New South Wales)</p>	Pathways to prevention: the effectiveness of universal and selective prevention in altering developmental pathways to alcohol and cannabis related harms in young adults	University of New South Wales	\$465,966.50
APP1124961	<p>CIA - Professor Stuart Pitson (University of South Australia)</p> <p>CIB - Professor Allison Cowin (University of South Australia)</p>	Modulating sphingolipid signalling to enhance wound healing	University of South Australia	\$698,447.00

APP1124981	<p>CIA - Doctor Julie Brown (Neuroscience Research Australia)</p> <p>CIB - Professor Lynne Bilston (Neuroscience Research Australia)</p> <p>CIC - Associate Professor Lisa Keay (The George Institute for Global Health)</p> <p>CID - Associate Professor Judith Charlton (Monash University)</p> <p>CIE - Professor Andrew Hayen (University of Technology Sydney)</p>	Enhanced methods of communicating correct use of child car restraints: a controlled trial	University of New South Wales	\$720,599.06
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APP1125026	<p>CIA - Professor Daniel Lubman (Monash University)</p> <p>CIB - Professor Amanda Baker (The University of Newcastle)</p> <p>CIC - Associate Professor Petra Staiger (Deakin University)</p> <p>CID - Professor David Best (Monash University)</p> <p>CIE - Doctor Victoria Manning (Turning Point Alcohol and Drug Centre)</p> <p>CIF - Doctor Kate Hall (Deakin University)</p> <p>CIG - Associate Professor John Reynolds (Monash University)</p> <p>CIH - Professor Anthony Harris (Monash University)</p>	The R2C Program: a randomised controlled trial of a telephone-based intervention for alcohol misuse	Monash University	\$727,611.20
APP1125036	<p>CIA - Professor Michelle Haber (Children's Cancer Institute)</p> <p>CIB - Doctor David Ziegler (Sydney Children's Hospital)</p> <p>CIC - Professor Murray Norris (Children's Cancer Institute)</p>	Optimising targeted polyamine depletion for treatment of childhood neuroblastoma and brain tumours	University of New South Wales	\$928,152.00

<p>APP1125042</p>	<p>CIA - Professor David Thomas (The Garvan Institute of Medical Research) CIB - Doctor Joseph Powell (The University of Queensland) CIC - Doctor Mark Cowley (The Garvan Institute of Medical Research) CID - Doctor Mandy Ballinger (The Garvan Institute of Medical Research)</p>	<p>An international whole genome study to definitively map heritable risk in sarcomas</p>	<p>The Garvan Institute of Medical Research</p>	<p>\$825,000.00</p>
<p>APP1125140</p>	<p>CIA - Associate Professor Manuela Ferreira (University of Sydney) CIB - Professor Ian Harris (University of New South Wales) CIC - Professor Gavin Davis (Cabrini Hospital - Malvern) CID - Professor Jane Latimer (University of Sydney) CIE - Professor David Beard (University of Oxford, UK) CIF - Mr Qiang Li (The George Institute for Global Health) CIG - Doctor Ralph Mobbs (Prince of Wales Hospital)</p>	<p>SUCceSS: SURgery for Spinal Stenosis - a randomised placebo-controlled trial</p>	<p>University of Sydney</p>	<p>\$2,303,244.80</p>

APP1125141	<p>CIA - Professor David Evans (The University of Queensland)</p> <p>CIB - Associate Professor John Miles (James Cook University)</p> <p>CIC - Professor George Davey Smith (University of Bristol)</p> <p>CID - Doctor Nicole Warrington (The University of Queensland)</p>	Using methods in genetic epidemiology to elucidate the relationship between viral infection and risk of autoimmune disease	The University of Queensland	\$622,445.50
APP1125149	<p>CIA - Associate Professor Mark Hedger (Hudson Institute of Medical Research)</p> <p>CIB - Professor Katherine Loveland (Monash University)</p> <p>CIC - Professor Andreas Meinhardt (Justus Liebig University Giessen)</p> <p>CID - Associate Professor Ashley Mansell (Hudson Institute of Medical Research)</p>	Regulation of immune responses in the adult testis and male reproductive health	Monash University	\$637,857.00

APP1125163	<p>CIA - Professor Bruce Robinson (University of Western Australia) CIB - Professor Y C Gary Lee (University of Western Australia) CIC - Professor Jenette Creaney (University of Western Australia) CID - Professor Richard Lake (University of Western Australia) CIE - Professor Robert Holt (BC Cancer Agency) CIF - Professor Anna Nowak (University of Western Australia) CIG - Associate Professor Mark Watson (Murdoch University) CIH - Mr John Pearson (The Council of the Queensland Institute of Medical Research) CII - Doctor Jonathan Chee (University of Western Australia)</p>	Compartmental analysis of T-cell responses in thoracic malignancies	University of Western Australia	\$851,402.80
APP1125164	CIA - Doctor Amy Chung (University of Melbourne)	Systemic and mucosal functional antibodies in protection against HIV	University of Melbourne	\$559,501.00
APP1125171	<p>CIA - Professor Glenn Marshall (Children's Cancer Institute) CIB - Doctor Belamy Cheung (Children's Cancer Institute) CIC - Doctor Jessica Holien (St Vincent's Institute of Medical Research)</p>	Therapeutic targeting of MYCN oncoprotein stability in neuroblastoma	University of New South Wales	\$590,206.20

APP1125200	<p>CIA - Professor David Evans (The University of Queensland) CIB - Professor George Davey Smith (University of Bristol)</p>	<p>Development and application of a Mendelian randomization framework aimed at dissecting the biological basis of ankylosing spondylitis and other complex diseases</p>	<p>The University of Queensland</p>	<p>\$279,666.00</p>
APP1125204	<p>CIA - Doctor Mustafa Khasraw (NHMRC Clinical Trials Centre) CIB - Associate Professor Kerrie McDonald (University of New South Wales) CIC - Professor Mark Rosenthal (Royal Melbourne Hospital) CID - Associate Professor Benjamin Ellingson (University of California, Los Angeles, CA, USA) CIE - Professor David Ashley (Barwon Health) CIF - Ms Elizabeth Barnes (NHMRC Clinical Trials Centre) CIG - Doctor Elizabeth Hovey (Prince of Wales Hospital) CIH - Associate Professor Matthew Foote (Metro South Hospital and Health Service, Princess Alexandra Hospital) CII - Doctor Sonia Yip (NHMRC Clinical Trials Centre) CIJ - Doctor Christine Goh (Royal Melbourne Hospital)</p>	<p>A 2:1 randomised phase II study of Nivolumab and temozolomide vs temozolomide in methylated newly diagnosed elderly glioblastoma (NUTMEG)</p>	<p>University of Sydney</p>	<p>\$1,608,845.25</p>

<p>APP1125233</p>	<p>CIA - Associate Professor Geraldine Mitchell (St Vincent's Institute of Medical Research) CIB - Emeritus Professor Wayne Morrison (St Vincent's Institute of Medical Research)</p>	<p>Creating a vascularized human liver organoid to treat liver disease</p>	<p>St Vincent's Institute of Medical Research</p>	<p>\$696,968.00</p>
<p>APP1125269</p>	<p>CIA - Doctor Daniel Buchanan (University of Melbourne) CIB - Professor Ingrid Winship (University of Melbourne) CIC - Associate Professor Amanda Spurdle (The Council of the Queensland Institute of Medical Research) CID - Doctor Aung Ko Win (University of Melbourne) CIE - Doctor Bernard Pope (University of Melbourne) CIF - Associate Professor Christophe Rosty (The University of Queensland) CIG - Professor Finlay Macrae (Royal Melbourne Hospital)</p>	<p>Expanding diagnostic approaches for Lynch syndrome</p>	<p>University of Melbourne</p>	<p>\$1,269,354.70</p>
<p>APP1125316</p>	<p>CIA - Associate Professor Matthew Sweet (The University of Queensland) CIB - Professor David Fairlie (The University of Queensland)</p>	<p>Combating infectious diseases by harnessing macrophage functions</p>	<p>The University of Queensland</p>	<p>\$688,152.00</p>

APP1125317	<p>CIA - Doctor Francesca Frentiu (Queensland University of Technology)</p> <p>CIB - Associate Professor Wenbiao Hu (Queensland University of Technology)</p> <p>CIC - Associate Professor Gregor Devine (The Council of the Queensland Institute of Medical Research)</p> <p>CID - Doctor Laith Yakob (London School of Hygiene and Tropical Medicine)</p> <p>CIE - Associate Professor Elizabeth McGraw (Monash University)</p>	New vectors, new diseases: understanding the risk of chikungunya transmission in Australia	Queensland University of Technology	\$522,580.00
APP1125349	<p>CIA - Professor Julian Rood (Monash University)</p> <p>CIB - Associate Professor Dena Lyras (Monash University)</p>	Global regulatory networks that control virulence in <i>Clostridium perfringens</i>	Monash University	\$531,556.50

<p>APP1125357</p>	<p>CIA - Professor Mariapia Degli-Esposti (University of Western Australia) CIB - Doctor Christopher Andoniou (University of Western Australia) CIC - Doctor Siok-Keen Tey (The Council of the Queensland Institute of Medical Research)</p>	<p>Effective therapies to treat viral infections and their complications in transplantation</p>	<p>University of Western Australia</p>	<p>\$1,100,450.00</p>
<p>APP1125376</p>	<p>CIA - Professor Phillip Bird (Monash University) CIB - Professor Stephen O'Leary (University of Melbourne) CIC - Doctor Justin Tan (University of Melbourne)</p>	<p>A novel role for proteolysis in promoting inner ear cell injury and hearing loss</p>	<p>Monash University</p>	<p>\$972,818.00</p>
<p>APP1125379</p>	<p>CIA - Associate Professor Sofianos Andrikopoulos (University of Melbourne) CIB - Professor Ashley Bush (Florey Institute of Neuroscience and Mental Health) CIC - Doctor Peng Lei (Florey Institute of Neuroscience and Mental Health)</p>	<p>A novel role for Alzheimer tau protein in insulin secretion and Type 2 diabetes</p>	<p>University of Melbourne</p>	<p>\$1,023,712.00</p>

APP1125390	<p>CIA - Professor Michael Ryan (Monash University) CIB - Doctor David Stroud (Monash University) CIC - Professor David Thorburn (Murdoch Childrens Research Institute)</p>	<p>Assembly and misassembly of mitochondrial respiratory chain Complex I</p>	<p>Monash University</p>	<p>\$520,520.00</p>
APP1125395	<p>CIA - Associate Professor Sue Evans (Monash University) CIB - Associate Professor Rachel Neale (The Council of the Queensland Institute of Medical Research) CIC - Professor John Zalcberg (Monash University) CID - Professor David Goldstein (University of New South Wales) CIE - Professor Sally Green (Monash University) CIF - Professor Neil Merrett (University of Western Sydney) CIG - Professor James Kench (Royal Prince Alfred Hospital, Camperdown NSW) CIH - Professor Kate White (University of Sydney)</p>	<p>Optimising care for patients diagnosed with pancreatic cancer: a prospective cohort study</p>	<p>Monash University</p>	<p>\$1,399,838.60</p>

APP1125414	<p>CIA - Doctor Blanca Gallego Luxan (Macquarie University) CIB - Doctor Nigam Shah (Stanford University, CA, USA) CIC - Associate Professor Karin Verspoor (University of Melbourne) CID - Professor Siaw-Teng Liaw (University of New South Wales)</p>	Enabling personalised cohort studies from large repositories of clinical practice data	Macquarie University	\$520,967.50
APP1125429	<p>CIA - Professor Billie Bonevski (The University of Newcastle) CIB - Associate Professor Neil Spratt (The University of Newcastle) CIC - Associate Professor Michael Pollack (John Hunter Hospital) CID - Professor Amanda Baker (The University of Newcastle) CIE - Professor Parker Magin (The University of Newcastle) CIF - Doctor Alyna Turner (Deakin University) CIG - Doctor Christopher Oldmeadow (The University of Newcastle) CIH - Professor Clare Collins (The University of Newcastle) CII - Professor Robin Callister (The University of Newcastle)</p>	Healthy living after stroke: an online intervention for improving stroke survivor health behaviours and quality of life	The University of Newcastle	\$590,958.00

APP1125433	<p>CIA - Associate Professor Sarah Lord (The University of Notre Dame Australia)</p> <p>CIB - Professor Nehmat Houssami (University of Sydney)</p>	Temporal trends in the incidence, site and survival of metastatic breast cancer in Australia	The University of Notre Dame Australia	\$190,494.00
APP1125434	<p>CIA - Professor Kirsten Howard (University of Sydney)</p> <p>CIB - Associate Professor Gail Garvey (Menzies School of Health Research)</p> <p>CIC - Professor Julie Ratcliffe (The Flinders University of South Australia)</p> <p>CID - Associate Professor Allison Tong (University of Sydney)</p> <p>CIE - Professor Joan Cunningham (Menzies School of Health Research)</p> <p>CIF - Professor Alan Cass (Menzies School of Health Research)</p> <p>CIG - Ms Lisa Whop (Menzies School of Health Research)</p>	Development and validation of an Indigenous Quality of life and Wellbeing Index (IQWI) for health decision-making	University of Sydney	\$1,303,526.70

<p>APP1125449</p>	<p>CIA - Professor Adam Guastella (University of Sydney) CIB - Professor Geraldine Dawson (Duke University, Durham, USA) CIC - Professor Cheryl Dissanayake (La Trobe University) CID - Professor Valsamma Eapen (University of New South Wales) CIE - Doctor Yun Ju Song (University of Sydney) CIF - Professor Ruth Feldman (Bar-Ilan University, Israel) CIG - Associate Professor Natalie Silove (Children's Medical Research Institute)</p>	<p>Oxytocin enhancement of social learning in the treatment of toddlers with autism</p>	<p>University of Sydney</p>	<p>\$1,228,465.20</p>
<p>APP1125453</p>	<p>CIA - Professor Leanne Delbridge (University of Melbourne) CIB - Doctor James Bell (University of Melbourne) CIC - Professor Jonathan Kalman (University of Melbourne) CID - Professor Stephen Harrap (University of Melbourne) CIE - Doctor Jeff Erickson (University of Otago, New Zealand)</p>	<p>New CaMKII therapeutic targets in heart failure with preserved ejection fraction</p>	<p>University of Melbourne</p>	<p>\$740,335.20</p>

APP1125478	<p>CIA - Associate Professor Christopher Dayas (The University of Newcastle) CIB - Associate Professor Brett Graham (The University of Newcastle) CIC - Professor Gavan McNally (University of New South Wales) CID - Professor Jaideep Bains (University of Calgary, Canada)</p>	Hypothalamic control of motivated behaviour	The University of Newcastle	\$499,666.00
APP1125493	<p>CIA - Professor Jamie Rossjohn (Monash University) CIB - Professor David Fairlie (The University of Queensland) CIC - Doctor Alexandra Corbett (University of Melbourne)</p>	A structural, chemical and functional investigation into MAIT cell receptor recognition	Monash University	\$1,196,304.00
APP1125513	<p>CIA - Professor Carola Vinuesa (Australian National University) CIB - Doctor Simon Jiang (Australian National University) CIC - Doctor Anselm Enders (Australian National University)</p>	How BANK1 pathway defects in B-cells cause human lupus	Australian National University	\$1,316,838.60

APP1125514	<p>CIA - Associate Professor Julie McMullen (Baker IDI Heart and Diabetes Institute Holdings Limited)</p> <p>CIB - Professor Scott Summers (Baker IDI Heart and Diabetes Institute Holdings Limited)</p>	Targeting a new regulator of cardiac pathology to protect the heart from cardiac dysfunction and arrhythmia	Baker IDI Heart and Diabetes Institute Holdings Limited	\$717,857.00
APP1125523	<p>CIA - Associate Professor Leanne Dibbens (University of South Australia)</p> <p>CIB - Associate Professor Marcel Dinger (The Garvan Institute of Medical Research)</p> <p>CIC - Doctor Thomas Andrews (Australian National University)</p> <p>CID - Professor Paul Thomas (The University of Adelaide)</p> <p>CIE - Professor Guido Rubboli (University of Copenhagen - Denmark)</p>	The identification of new epilepsy genes by whole genome sequencing	University of South Australia	\$1,069,803.40
APP1125536	CIA - Doctor Leigh Coultas (The Walter and Eliza Hall Institute of Medical Research)	Understanding the role of cell death in blood vessel regression and regrowth	The Walter and Eliza Hall Institute of Medical Research	\$468,059.20

APP1125569	<p>CIA - Associate Professor Stuart Turville (University of New South Wales)</p> <p>CIB - Professor Thomas Hope (Northwestern University Medical School, IL, USA)</p> <p>CIC - Associate Professor Andrew Vallely (University of New South Wales)</p> <p>CID - Doctor David MacLaren (James Cook University)</p> <p>CIE - Professor Andrew Carr (St Vincent's Centre for Applied Medical Research, Darlinghurst NSW)</p> <p>CIF - Professor John Murray (University of New South Wales)</p> <p>CIG - Assistant Professor Cindy Liu (George Washington University Medical Center, USA)</p>	Resolving Human Immunodeficiency Virus (HIV) transmission	University of New South Wales	\$745,212.80
APP1125645	<p>CIA - Professor Geoffrey Faulkner (The University of Queensland)</p> <p>CIB - Professor Ryan Lister (University of Western Australia)</p> <p>CIC - Doctor Irina Voineagu (University of New South Wales)</p> <p>CID - Doctor Dhanisha Jhaveri (The University of Queensland)</p> <p>CIE - Professor Perry Bartlett (The University of Queensland)</p>	Epigenetic signatures of abnormal adult neurogenesis in Rett syndrome	The University of Queensland	\$869,332.00

APP1125656	CIA - Doctor Michelle Boyle (Burnet Institute)	T-follicular helper cell subsets that induce protective anti-Plasmodium falciparum antibodies	Burnet Institute	\$456,261.50
APP1125681	CIA - Professor Mark Harris (University of New South Wales) CIB - Professor Nigel Stocks (The University of Adelaide) CIC - Professor Donald Nutbeam (University of Sydney) CID - Professor Nicholas Zwar (University of New South Wales) CIE - Professor Jonathan Karnon (The University of Adelaide) CIF - Associate Professor Elizabeth Denney-Wilson (University of Technology Sydney) CIG - Professor Manny Noakes (CSIRO Animal, Food and Health Sciences) CIH - Professor Siaw-Teng Liaw (University of New South Wales) CII - Doctor Annie Lau (Macquarie University) CIJ - Doctor Upali Jayasinghe (University of New South Wales)	Preventing chronic disease in patients with low health literacy using e-health and teamwork in primary health care	University of New South Wales	\$1,264,892.50

APP1125690	<p>CIA - Associate Professor Zane Andrews (Monash University)</p> <p>CIB - Associate Professor Jeffrey Zigman (University of Texas Southwestern Medical Center)</p> <p>CIC - Professor Tamas Horvath (Yale University, CT, USA)</p> <p>CID - Associate Professor Stuart Mazzone (The University of Queensland)</p> <p>CIE - Associate Professor Sarah Spencer (RMIT University)</p> <p>CIF - Doctor Robyn Brown (Florey Institute of Neuroscience and Mental Health)</p> <p>CIG - Professor John Dixon (Baker IDI Heart and Diabetes Institute Holdings Limited)</p>	Ghrelin receptor signalling in the brain links hunger to mood and motivation	Monash University	\$721,909.25
APP1125704	<p>CIA - Doctor Gregory Moseley (University of Melbourne)</p> <p>CIB - Associate Professor Paul Gooley (University of Melbourne)</p> <p>CIC - Professor Spencer Williams (University of Melbourne)</p> <p>CID - Professor Hervé Bourhy (Institut Pasteur)</p>	Defining the molecular mechanisms of Lyssavirus replication and immune evasion: the P protein Axis	University of Melbourne	\$900,994.50
APP1125766	CIA - Doctor Irina Vetter (The University of Queensland)	Novel analgesic approaches: harnessing functional interactions between sodium channels and opioids	The University of Queensland	\$329,076.00

APP1125778	<p>CIA - Professor Susan Cotton (Orygen) CIB - Associate Professor Seetal Dodd (Barwon Health) CIC - Professor Stephen Wood (University of Birmingham, UK) CID - Doctor Kelly Allott (Orygen) CIE - Doctor Cali Bartholomeusz (Orygen) CIF - Doctor Chiara Bortolasci (Deakin University) CIG - Doctor Brian O'Donoghue (Orygen) CIH - Doctor Aswin Ratheesh (Orygen)</p>	The efficacy of N-acetyl cysteine as an adjunctive treatment for first episode psychosis	University of Melbourne	\$2,143,069.40
APP1125788	<p>CIA - Doctor Christopher MacRaid (Monash University) CIB - Professor Raymond Norton (Monash University) CIC - Doctor Jonathan Richards (Burnet Institute)</p>	Enhancing the immune response to disordered malaria antigens	Monash University	\$643,739.00
APP1125794	<p>CIA - Doctor Xiaowen Liang (The University of Queensland) CIB - Doctor Run Zhang (The University of Queensland)</p>	Visualisation and early prediction of ROS-mediated treatment response in liver cancer by a novel nanoplatfom	The University of Queensland	\$334,223.50

APP1125796	<p>CIA - Associate Professor Anthony White (University of Melbourne)</p> <p>CIB - Doctor Lezanne Ooi (The University of Wollongong)</p> <p>CIC - Doctor Katja Kanninen (University of Eastern Finland)</p> <p>CID - Associate Professor Paul Donnelly (University of Melbourne)</p> <p>CIE - Professor Jari Koistinaho (University of Eastern Finland)</p> <p>CIF - Doctor Tarja Malm (University of Eastern Finland)</p>	Building an immunocompetent Alzheimer's disease brain-on-a-chip	The Council of the Queensland Institute of Medical Research	\$458,937.00
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APP1125799	<p>CIA - Professor Gavin Lambert (Baker IDI Heart and Diabetes Institute Holdings Limited)</p> <p>CIB - Professor Stuart Roberts (Alfred Health)</p> <p>CIC - Professor William Sievert (Monash Medical Centre)</p> <p>CID - Associate Professor Elisabeth Lambert (Baker IDI Heart and Diabetes Institute Holdings Limited)</p> <p>CIE - Professor John Dixon (Baker IDI Heart and Diabetes Institute Holdings Limited)</p>	Targeting the sympathetic nervous system to reduce the burden of fatty liver disease	Baker IDI Heart and Diabetes Institute Holdings Limited	\$728,152.00
APP1125805	<p>CIA - Doctor Donald Newgreen (Murdoch Childrens Research Institute)</p> <p>CIB - Professor Greg Qiao (University of Melbourne)</p> <p>CIC - Professor John Hutson (Royal Children's Hospital Melbourne)</p> <p>CID - Doctor Sebastian King (Royal Children's Hospital Melbourne)</p> <p>CIE - Professor John Furness (University of Melbourne)</p>	Novel cell therapy for Hirschsprung disease: from patient iPS cells to large animal trials	Murdoch Childrens Research Institute	\$1,011,763.80

APP1125822	<p>CIA - Doctor Pantelis Poubourios (Burnet Institute)</p> <p>CIB - Associate Professor Heidi Drummer (Burnet Institute)</p> <p>CIC - Doctor Robert Center (Burnet Institute)</p>	Novel HIV-1 glycoprotein vaccines with enhanced presentation of broad neutralization epitopes	Burnet Institute	\$743,682.36
APP1125909	<p>CIA - Associate Professor Hans Elmlund (Monash University)</p> <p>CIB - Doctor Andrew Ellisdon (Monash University)</p>	Molecular basis for stress-induced gene regulation—a model system to understand transcriptional deregulation in cancer and neurological disease	Monash University	\$384,076.00
APP1125915	CIA - Professor Greg Stuart (Australian National University)	Role of calcium-activated potassium channels in neuronal excitability, synaptic plasticity and sensory processing	Australian National University	\$612,272.00
APP1125951	CIA - Doctor Frederic Masson (La Trobe University)	Understanding the role of B-cells in gastric cancer for the design of new therapeutic strategies	La Trobe University	\$696,383.40

APP1125970	<p>CIA - Professor Stephen O'Leary (University of Melbourne)</p> <p>CIB - Professor Peter Thorne (University of Auckland, New Zealand)</p> <p>CIC - Professor Richard Dowell (University of Melbourne)</p> <p>CID - Professor Anthony Gummer (University of Tuebingen)</p> <p>CIE - Associate Professor Michael Higgins (The University of Wollongong)</p>	Delayed loss of acoustic hearing after cochlear implantation: mechanisms and clinical identification with new cochlear implant technology	University of Melbourne	\$1,040,157.20
APP1126004	<p>CIA - Associate Professor Carl Walkley (St Vincent's Institute of Medical Research)</p> <p>CIB - Doctor Andrew Deans (St Vincent's Institute of Medical Research)</p>	Understanding the function of Recq14 in DNA replication and genome maintenance	St Vincent's Institute of Medical Research	\$698,447.00
APP1126032	<p>CIA - Associate Professor Ashley Buckle (Monash University)</p> <p>CIB - Associate Professor Colin Jackson (Australian National University)</p>	Design and engineering of adnectins for diagnosis and therapy	Monash University	\$803,152.00

APP1126048	<p>CIA - Doctor Petranel Ferrao (University of Melbourne)</p> <p>CIB - Doctor Robert Jorissen (The Walter and Eliza Hall Institute of Medical Research)</p> <p>CIC - Doctor Gideon Bollag (Plexxikon Inc.)</p> <p>CID - Doctor Andreas Behren (Olivia Newton John Cancer Research Institute)</p> <p>CIE - Doctor Katherine Woods (Olivia Newton John Cancer Research Institute)</p>	Targeting the JNK-JUN pathway to overcome therapy resistance in melanoma	La Trobe University	\$694,728.80
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APP1126070	<p>CIA - Professor Christopher Bladin (Florey Institute of Neuroscience and Mental Health)</p> <p>CIB - Professor Ngai Cheung (Westmead Hospital)</p> <p>CIC - Professor Helen Dewey (Monash University)</p> <p>CID - Professor Leonid Churilov (Florey Institute of Neuroscience and Mental Health)</p> <p>CIE - Professor Sandy Middleton (Australian Catholic University Limited)</p> <p>CIF - Professor Vincent Thijs (Florey Institute of Neuroscience and Mental Health)</p> <p>CIG - Doctor Elif Ekinci (University of Melbourne)</p>	<p>Post-stroke hyperglycaemia – Treatment with Exenatide in Acute Ischaemic Stroke (TEXAIS) trial</p>	<p>Monash University</p>	<p>\$1,266,149.00</p>
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APP1126090	<p>CIA - Professor Paul Dietze (Burnet Institute) CIB - Professor Matthew Hickman (University of Bristol) CIC - Doctor Thomas Kerr (University of British Columbia, Canada) CID - Associate Professor Mark Stooze (Burnet Institute) CIE - Professor Lisa Maher (University of New South Wales) CIF - Mr Paul Agius (Burnet Institute)</p>	Determining patterns of cessation and relapse in a cohort of people who inject drugs	Burnet Institute	\$1,189,791.35
APP1126091	<p>CIA - Professor Michael Roberts (University of South Australia) CIB - Doctor Xin Liu (The University of Queensland) CIC - Professor Darrell Crawford (The University of Queensland) CID - Professor Colin Pouton (Monash University) CIE - Associate Professor Zhiping Xu (The University of Queensland) CIF - Professor Leaf Huang (University of North Carolina at Chapel Hill, USA)</p>	Physiologically-based pharmacokinetics and pharmacodynamics of therapeutic stem cells for liver disease	The University of Queensland	\$848,710.40

APP1126094	<p>CIA - Professor John Mariadason (La Trobe University)</p> <p>CIB - Associate Professor Nick Pavlakis (Royal North Shore Hospital)</p> <p>CIC - Doctor Michael Buchert (Olivia Newton John Cancer Research Institute)</p> <p>CID - Associate Professor Niall Tebbutt (Austin Health)</p>	The FGFR family as drivers and biomarkers of regorafenib response in gastric cancer	La Trobe University	\$670,784.00
APP1126135	<p>CIA - Associate Professor Nigel Turner (University of New South Wales)</p> <p>CIB - Doctor Kyle Hoehn (University of New South Wales)</p> <p>CIC - Doctor Anthony Don (University of New South Wales)</p> <p>CID - Associate Professor Jonathan Morris (University of New South Wales)</p> <p>CIE - Associate Professor Todd Mitchell (The University of Wollongong)</p> <p>CIF - Associate Professor Carsten Schmitz-Peiffer (The Garvan Institute of Medical Research)</p> <p>CIG - Doctor Dorit Samocha-Bonet (The Garvan Institute of Medical Research)</p>	Understanding sphingolipid mediators of insulin resistance	University of New South Wales	\$643,447.00

<p>APP1126153</p>	<p>CIA - Professor Linda Richards (The University of Queensland) CIB - Professor Elliott Sherr (University of California, San Francisco, CA, USA) CIC - Associate Professor Richard Leventer (Murdoch Childrens Research Institute)</p>	<p>Astroglial remodelling of the interhemispheric midline is regulated by deleted in colorectal cancer (DCC) signalling and is required for corpus callosum formation</p>	<p>The University of Queensland</p>	<p>\$669,400.40</p>
<p>APP1126201</p>	<p>CIA - Associate Professor Marco Casarotto (Australian National University) CIB - Emeritus Professor Angela Dulhunty (Australian National University) CIC - Professor Thomas Huber (Australian National University) CID - Professor Philip Board (Australian National University) CIE - Associate Professor Aaron Oakley (The University of Wollongong)</p>	<p>Decrypting the excitation contraction coupling machinery in skeletal muscle</p>	<p>Australian National University</p>	<p>\$914,869.00</p>

APP1126276	<p>CIA - Doctor James Chong (The Westmead Institute for Medical Research)</p> <p>CIB - Professor Charles Murry (University of Washington, WA, USA)</p> <p>CIC - Associate Professor Pramesh Kovoor (Westmead Hospital)</p> <p>CID - Doctor Eddy Kizana (The Westmead Institute for Medical Research)</p> <p>CIE - Professor Stuart Grieve (University of Sydney)</p> <p>CIF - Doctor David Elliott (Murdoch Childrens Research Institute)</p>	Pluripotent stem cell derived cardiomyocytes: improving electrical stability and quantifying functional improvements	University of Sydney	\$669,832.20
APP1126288	<p>CIA - Associate Professor Ruth Arkell (Australian National University)</p> <p>CIB - Doctor Maja Adamska (Australian National University)</p> <p>CIC - Professor Sabine Tejpar (Katholieke Universiteit Leuven, Belgium)</p> <p>CID - Doctor Dominic Norris (MRC Mammalian Genetics Unit (MRC-MGU), UK)</p>	The ZIC3 heterotaxy-associated transcription factor: a new player in nuclear control of canonical Wnt signalling	Australian National University	\$992,822.00

APP1126304	CIA - Doctor Alexander Staudacher (University of South Australia)	Investigating novel antibody drug conjugates for treating lung cancer	University of South Australia	\$663,447.00
APP1126306	CIA - Doctor Justin Wong (Centenary Institute of Cancer Medicine and Cell Biology)	Deciphering the role of intron retention in monocyte differentiation and function	Centenary Institute of Cancer Medicine and Cell Biology	\$511,114.00
APP1126357	CIA - Professor Joel Mackay (University of Sydney) CIB - Doctor Michael Landsberg (The University of Queensland) CIC - Professor Antoine van Oijen (The University of Wollongong) CID - Doctor Daniel Ryan (Australian National University) CIE - Professor Gerd Blobel (Children's Hospital of Philadelphia USA)	Structure and function of a cancer-linked co-regulator complex	University of Sydney	\$1,282,475.00
APP1126379	CIA - Associate Professor Joseph Torresi (Austin Health) CIB - Associate Professor Heidi Drummer (Burnet Institute)	Developing a quadrivalent HCV vaccine	University of Melbourne	\$653,742.00
APP1126384	CIA - Associate Professor Alex Andrianopoulos (University of Melbourne)	Dissecting virulence attributes in a human pathogenic fungus	University of Melbourne	\$814,596.00

APP1126393	CIA - Professor Geoffrey Faulkner (The University of Queensland)	Does mobile DNA activity contribute to reproductive failure?	The University of Queensland	\$389,076.00
APP1126399	CIA - Doctor Ashrafal Haque (The Council of the Queensland Institute of Medical Research) CIB - Doctor Sarah Teichmann (Wellcome Trust Sanger Institute, UK) CIC - Doctor Motoko Koyama (The Council of the Queensland Institute of Medical Research)	Using single-cell genomics to resolve functional diversification by CD4+ T-cells in vivo	The Council of the Queensland Institute of Medical Research	\$1,048,096.00
APP1126403	CIA - Professor Wolfgang Weninger (University of Sydney)	A novel macrophage lineage in inflammation and cancer	University of Sydney	\$772,857.00
APP1126422	CIA - Associate Professor Michael Lardelli (The University of Adelaide) CIB - Doctor Morgan Newman (The University of Adelaide) CIC - Doctor Esmaeil Ebrahimie (The University of Adelaide)	Identifying early molecular changes underlying familial Alzheimer's disease	The University of Adelaide	\$755,792.50

APP1126494	<p>CIA - Professor Daniel Green (University of Western Australia) CIB - Emeritus Professor Lawrie Beilin (University of Western Australia) CIC - Professor Leon Straker (Curtin University of Technology) CID - Professor Peter Eastwood (University of Western Australia) CIE - Professor Trevor Mori (University of Western Australia) CIF - Associate Professor Philip Ainslie (University of Western Australia)</p>	Developmental origins of adult cardiovascular disease: vascular health in the Raine Cohort	University of Western Australia	\$1,087,427.00
APP1126524	<p>CIA - Professor Paul Hertzog (Hudson Institute of Medical Research) CIB - Doctor Julian Vivian (Monash University) CIC - Doctor Nicole de Weerd (Hudson Institute of Medical Research)</p>	Structure-function of type I interferon receptors: informing the basis for selective modulation of signal transduction and function	Monash University	\$1,316,153.00

APP1126535	<p>CIA - Professor Andrew Davidson (Murdoch Childrens Research Institute)</p> <p>CIB - Professor Britta Regli-von Ungern-Sternberg (University of Western Australia)</p> <p>CIC - Associate Professor Rod Hunt (Murdoch Childrens Research Institute)</p> <p>CID - Doctor Louise Crowe (Murdoch Childrens Research Institute)</p> <p>CIE - Associate Professor Katherine Lee (Murdoch Childrens Research Institute)</p> <p>CIF - Associate Professor Mary Ellen McCann (Children's Hospital Boston)</p> <p>CIG - Professor Francis McGowan (Children's Hospital of Philadelphia USA)</p> <p>CIH - Professor Dean Andropoulos (Texas Children's Hospital)</p> <p>CII - Professor Ansgar Brambrink (Oregon Health Sciences University, USA)</p> <p>CIJ - Doctor Robyn Stargatt (La Trobe University)</p>	Neurodevelopmental outcome after sevoflurane versus dexmedetomidine/remifentanil anaesthesia in infancy: a randomised controlled trial	Murdoch Childrens Research Institute	\$825,787.40
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APP1126536	<p>CIA - Associate Professor Robert Andrews (Monash University)</p> <p>CIB - Associate Professor Elizabeth Gardiner (Australian National University)</p> <p>CIC - Doctor Emma Josefsson (The Walter and Eliza Hall Institute of Medical Research)</p> <p>CID - Doctor Josie Carberry (Monash University)</p> <p>CIE - Professor Michael Berndt (Curtin University of Technology)</p>	Regulation of receptors that control platelet function under shear stress	Monash University	\$507,273.00
APP1126540	<p>CIA - Doctor Holly Chinnery (University of Melbourne)</p> <p>CIB - Professor Paul McMenamin (Monash University)</p>	Making sense of novel ocular neuroimmune interactions	University of Melbourne	\$436,178.40

APP1126543	<p>CIA - Associate Professor Julie Leask (University of Sydney)</p> <p>CIB - Associate Professor Stacy Carter (University of Sydney)</p> <p>CIC - Professor Paul Ward (The Flinders University of South Australia)</p> <p>CID - Professor Lesley Barclay (University of Sydney)</p> <p>CIE - Doctor Christopher Degeling (University of Sydney)</p>	Developing evidence based strategies for addressing childhood vaccination rejection	University of Sydney	\$743,926.90
APP1126599	<p>CIA - Professor David Tschärke (Australian National University)</p> <p>CIB - Associate Professor Allison Abendroth (University of Sydney)</p> <p>CIC - Associate Professor Barry Slobedman (University of Sydney)</p>	Understanding the role of ongoing viral activity in herpes simplex virus latency	Australian National University	\$980,762.00

APP1126600	<p>CIA - Associate Professor Udantha Abeyratne (The University of Queensland) CIB - Associate Professor Craig Hukins (Metro South Hospital and Health Service, Princess Alexandra Hospital) CIC - Doctor Vinayak Swarnkar (The University of Queensland)</p>	Brain asynchrony in sleep apnoea	The University of Queensland	\$312,920.80
APP1126636	<p>CIA - Professor Robert Medcalf (Monash University) CIB - Professor Magdalena Plebanski (Monash University) CIC - Professor Ben Boyd (Monash University) CID - Professor Russell Gruen (Nanyang Technological University) CIE - Professor Ian Roberts (London School of Hygiene and Tropical Medicine) CIF - Associate Professor Huyen Tran (Monash University)</p>	The effect of anti-fibrinolytic drugs on blood-brain barrier integrity and the immune response in traumatic brain injury	Monash University	\$870,476.00

APP1126679	<p>CIA - Professor Ian Campbell (Peter MacCallum Cancer Centre)</p> <p>CIB - Associate Professor Alison Trainer (Peter MacCallum Cancer Centre)</p> <p>CIC - Ms Mary-Anne Young (Peter MacCallum Cancer Centre)</p> <p>CID - Doctor Michelle Cunich (University of Sydney)</p>	Population based genetic testing for high-risk breast and ovarian cancer predisposition genes	University of Melbourne	\$1,112,985.30
APP1126695	<p>CIA - Professor Matthew Law (University of New South Wales)</p> <p>CIB - Doctor Kathy Petoumenos (University of New South Wales)</p> <p>CIC - Professor Andrew Carr (St Vincent's Centre for Applied Medical Research, Darlinghurst NSW)</p> <p>CID - Professor Jennifer Hoy (Monash University)</p> <p>CIE - Professor David Nolan (Murdoch University)</p>	Risk factors for long-term chronic disease events in HIV-positive persons: the D:A:D cohort study	University of New South Wales	\$925,658.50

<p>APP1126710</p>	<p>CIA - Doctor Tu'uhevaha Kaitu'u-Lino (University of Melbourne) CIB - Professor Stephen Tong (University of Melbourne) CIC - Doctor Natalie Hannan (University of Melbourne)</p>	<p>From pathogenesis to therapeutics: targeting two signalling pathways as a therapeutic strategy to treat preeclampsia</p>	<p>University of Melbourne</p>	<p>\$499,048.00</p>
<p>APP1126711</p>	<p>CIA - Professor Gregory Goodall (Central Adelaide Local Health Network incorporated, trading as SA Pathology) CIB - Professor Thomas Preiss (Australian National University)</p>	<p>Functions of circular RNAs</p>	<p>University of South Australia</p>	<p>\$740,042.50</p>
<p>APP1126724</p>	<p>CIA - Associate Professor Zane Andrews (Monash University) CIB - Doctor Serge Luquet (University Paris Diderot - Paris 7) CIC - Professor Tamas Horvath (Yale University, CT, USA)</p>	<p>Neural sensing of hunger links homeostatic and reward pathways</p>	<p>Monash University</p>	<p>\$444,365.90</p>

APP1126740	<p>CIA - Professor Paul Gorry (RMIT University)</p> <p>CIB - Associate Professor Melissa Churchill (Burnet Institute)</p> <p>CIC - Professor Benhur Lee (Mount Sinai School of Medicine (MSSM))</p> <p>CID - Professor Richard Payne (University of Sydney)</p> <p>CIE - Associate Professor Paul Ramsland (RMIT University)</p>	Understanding HIV resistance to entry inhibitors to advance the development of novel antivirals	RMIT University	\$877,584.60
APP1126742	<p>CIA - Professor Colleen Loo (University of New South Wales)</p> <p>CIB - Associate Professor Socrates Dokos (University of New South Wales)</p> <p>CIC - Doctor Donel Martin (University of New South Wales)</p> <p>CID - Mr Dusan Hadzi-Pavlovic (Black Dog Institute)</p> <p>CIE - Doctor Siwei Bai (Technical University Munich, Germany)</p> <p>CIF - Doctor Veronica Galvez (University of New South Wales)</p>	Clinical outcomes with electroconvulsive therapy: insights from computational modelling	University of New South Wales	\$347,766.70

APP1126772	<p>CIA - Doctor Benjamin Shields (The Walter and Eliza Hall Institute of Medical Research)</p> <p>CIB - Doctor Matthew McCormack (The Walter and Eliza Hall Institute of Medical Research)</p>	Targeting homeobox genes in Acute Myeloid Leukaemia	The Walter and Eliza Hall Institute of Medical Research	\$658,739.00
APP1126795	<p>CIA - Professor Roger Smith (The University of Newcastle)</p> <p>CIB - Professor Istvan Toth (The University of Queensland)</p> <p>CIC - Professor Jonathan Morris (Kolling Institute of Medical Research)</p> <p>CID - Professor Tamas Zakar (John Hunter Hospital)</p> <p>CIE - Doctor Sonika Tyagi (Australian Genome Research Facility)</p>	Understanding the myometrial transition at term and preterm labour to guide tocolysis	The University of Newcastle	\$808,447.00

APP1126805	<p>CIA - Professor Mark Walker (The University of Queensland)</p> <p>CIB - Doctor Mark Davies (University of Melbourne)</p> <p>CIC - Professor Victor Nizet (University of California, San Diego, CA, USA)</p> <p>CID - Professor Kwok-Yung Yuen (University of Hong Kong)</p>	Worldwide molecular analysis of <i>Streptococcus pyogenes</i> scarlet fever outbreaks	The University of Queensland	\$544,041.00
APP1126843	<p>CIA - Associate Professor Andrew Wei (Alfred Health)</p> <p>CIB - Professor Stefan Bohlander (University of Auckland, New Zealand)</p> <p>CIC - Doctor Marco Herold (The Walter and Eliza Hall Institute of Medical Research)</p>	Toward effective targeted therapies for Acute Myeloid Leukaemia (AML)	Monash University	\$551,344.60
APP1126857	<p>CIA - Doctor Denise Wootten (Monash University)</p> <p>CIB - Professor Laurence Miller (Mayo Clinic, Scottsdale, AZ, USA)</p>	The structural basis for biased agonism at the glucagon-like peptide-1 receptor	Monash University	\$872,536.00

APP1126885	<p>CIA - Professor Anthony Hannan (Florey Institute of Neuroscience and Mental Health)</p> <p>CIB - Doctor Lucy Palmer (Florey Institute of Neuroscience and Mental Health)</p> <p>CIC - Doctor Thibault Renoir (University of Melbourne)</p> <p>CID - Doctor Emma Burrows (Florey Institute of Neuroscience and Mental Health)</p>	Gene-environment interactions modulating cortical and cognitive dysfunction	Florey Institute of Neuroscience and Mental Health	\$618,299.50
APP1126886	<p>CIA - Professor Timothy Davis (University of Western Australia)</p> <p>CIB - Associate Professor Wendy Davis (University of Western Australia)</p> <p>CIC - Professor David Bruce (University of Western Australia)</p> <p>CID - Doctor Stephen Chubb (Fiona Stanley hospital)</p> <p>CIE - Professor Andrew Hattersley (The University of Exeter, UK)</p>	Development of a multi-faceted diagnostic and predictive tool to characterise type of diabetes, therapeutic progression and outcome	University of Western Australia	\$352,549.50

APP1126929	<p>CIA - Professor Margaret Morris (University of New South Wales)</p> <p>CIB - Professor Reginald Westbrook (University of New South Wales)</p> <p>CIC - Doctor Nadeem Kaakoush (University of New South Wales)</p>	The effects of the western diet on cognition in rats	University of New South Wales	\$689,325.60
APP1126955	<p>CIA - Professor Annette Haworth (Peter MacCallum Cancer Centre)</p> <p>CIB - Associate Professor Scott Williams (Peter MacCallum Cancer Centre)</p> <p>CIC - Professor Martin Ebert (Metropolitan Health Service trading as Sir Charles Gairdner Hospital)</p> <p>CID - Doctor Hayley Reynolds (Peter MacCallum Cancer Centre)</p> <p>CIE - Doctor Jason Dowling (The Australian e-Health Research Centre (CSIRO))</p> <p>CIF - Doctor Darren Wraith (Queensland University of Technology)</p> <p>CIG - Doctor Gary Liney (University of New South Wales)</p> <p>CIH - Doctor Christopher Mears (Monash University)</p> <p>CII - Doctor John Betts (Monash University)</p> <p>CIJ - Associate Professor Declan Murphy (Peter MacCallum Cancer Centre)</p>	Biofocussed prostate cancer RadioTherapy (BiRT): a personalised approach to delivering the right dose to the right place	University of Melbourne	\$753,565.40

APP1126973	<p>CIA - Professor Stephen Stick (Princess Margaret Hospital for Children, Perth)</p> <p>CIB - Associate Professor Sarath Ranganathan (Murdoch Childrens Research Institute)</p> <p>CIC - Associate Professor Graham Hall (Telethon Kids Institute, Subiaco WA)</p> <p>CID - Associate Professor Robert Trengove (Murdoch University)</p> <p>CIE - Professor Harm Tiddens (Erasmus University Medical Centre)</p> <p>CIF - Doctor Lidija Turkovic (Telethon Kids Institute, Subiaco WA)</p> <p>CIG - Mr Tim Rosenow (Telethon Kids Institute, Subiaco WA)</p>	Biomarkers to define the treatment end-point for pulmonary exacerbations in cystic fibrosis	University of Western Australia	\$1,031,370.60
APP1126976	<p>CIA - Associate Professor Miriam Welgampola (University of Sydney)</p> <p>CIB - Professor Michael Halmagyi (Royal Prince Alfred Hospital, Camperdown NSW)</p>	Ictal characteristics of common vestibular diseases	University of Sydney	\$281,573.00

APP1127007	<p>CIA - Professor Christopher Rowe (Austin Health)</p> <p>CIB - Associate Professor Paul McCrory (Florey Institute of Neuroscience and Mental Health)</p> <p>CIC - Professor Jennie Ponsford (Monash University)</p> <p>CID - Associate Professor Meaghan O'Donnell (University of Melbourne)</p> <p>CIE - Professor Malcolm Hopwood (University of Melbourne)</p>	Traumatic brain injury, post-traumatic stress disorder and the risk of neurodegenerative disease: a study of tau and beta-amyloid accumulation, brain structure and function several decades after injury	Florey Institute of Neuroscience and Mental Health	\$1,076,860.00
APP1127059	<p>CIA - Associate Professor Sean McGee (Deakin University)</p> <p>CIB - Doctor Clinton Bruce (Deakin University)</p> <p>CIC - Professor Forest White (Massachusetts Institute of Technology, USA)</p> <p>CID - Professor Ken Walder (Deakin University)</p>	The role of GAPDH acetylation and HDAC6 in liver metabolism and Type 2 diabetes	Deakin University	\$635,428.10

APP1127060	<p>CIA - Professor John McNeil (Monash University) CIB - Professor Mark Nelson (University of Tasmania) CIC - Professor Andrew Tonkin (Monash University) CID - Associate Professor Robyn Woods (Monash University)</p>	ASPREE Completion Project	Monash University	\$4,796,724.60
APP1127074	<p>CIA - Doctor Camille Raynes-Greenow (University of Sydney) CIB - Professor Michael Dibley (University of Sydney) CIC - Professor Shams El Arifeen (International Center for Diarrhoeal Disease Research, Bangladesh) CID - Professor Bin Jalaludin (South Western Sydney Local Health District) CIE - Doctor Kingsley Agho (University of Western Sydney) CIF - Doctor Jonathan Thornburg (Research Triangle Institute (RTI International)) CIG - Doctor Ashraf Alam (University of Sydney) CIH - Doctor Nicholas Goodwin (University of Sydney) CII - Associate Professor Alison Hayes (University of Sydney) CIJ - Doctor Emily Gurley (International Center for Diarrhoeal Disease Research, Bangladesh)</p>	The impact of cleaner cookstoves to reduce adverse pregnancy outcomes in low resource settings	University of Sydney	\$2,043,187.81

APP1127085	<p>CIA - Associate Professor Meg Jardine (The George Institute for Global Health)</p> <p>CIB - Professor Peter Kerr (Monash Medical Centre)</p> <p>CIC - Professor Li Zuo (Peking University People's Hospital, China)</p> <p>CID - Professor Vivekanand Jha (The George Institute for Global Health, India)</p> <p>CIE - Associate Professor Mark Marshall (Middlemore Hospital, Auckland, New Zealand)</p> <p>CIF - Doctor Michael Walsh (McMaster University, Canada)</p> <p>CIG - Professor David Wheeler (University College London (UCL))</p> <p>CIH - Professor Christoph Wanner (University of Würzburg, Germany)</p>	Evaluation of the efficacy and safety of health service dialysate sodium practice on clinical outcomes	University of Sydney	\$1,958,204.80
APP1127100	<p>CIA - Professor Helena Parkington (Monash University)</p> <p>CIB - Professor Shaun Brennecke (University of Melbourne)</p>	Failure-to-progress in human labour results from a profound electrical negativity of the uterine cells: targeting the ion channels involved	Monash University	\$564,540.60

<p>APP1127109</p>	<p>CIA - Professor John Hutson (Royal Children's Hospital Melbourne) CIB - Doctor Ruili Li (Murdoch Childrens Research Institute) CIC - Professor Joergen Thorup (Copenhagen University Hospital, Rigshospitalet) CID - Doctor Bridget Southwell (Murdoch Childrens Research Institute)</p>	<p>Postnatal germ cells are controlled by FSH during 'minipuberty' at 3-6 months, and deranged by cryptorchidism to cause seminoma and infertility</p>	<p>Murdoch Childrens Research Institute</p>	<p>\$813,739.00</p>
<p>APP1127121</p>	<p>CIA - Associate Professor Martin Gallagher (The George Institute for Global Health) CIB - Associate Professor Sean Bagshaw (University of Alberta, Canada) CIC - Professor Zoltan Endre (University of New South Wales) CID - Associate Professor David Gattas (Sydney Local Health District) CIE - Associate Professor Andrew Udy (The Alfred Hospital)</p>	<p>STARRT-AKI: STandard versus Accelerated initiation of Renal Replacement Therapy in Acute Kidney Injury</p>	<p>University of Sydney</p>	<p>\$2,112,446.60</p>

<p>APP1127140</p>	<p>CIA - Professor Nicholas Spencer (The Flinders University of South Australia) CIB - Professor Simon Brookes (The Flinders University of South Australia)</p>	<p>A novel technique for prolonged silencing of visceral pain without opiates</p>	<p>The Flinders University of South Australia</p>	<p>\$637,382.80</p>
<p>APP1127141</p>	<p>CIA - Associate Professor Katherine Mills (University of New South Wales) CIB - Professor Maree Teesson (University of New South Wales) CIC - Professor Sudie Back (Medical University of South Carolina (MUSC)) CID - Doctor Emma Barrett (University of New South Wales) CIE - Doctor Vanessa Cobham (The University of Queensland) CIF - Doctor Sarah Bendall (Orygen) CIG - Associate Professor Sean Perrin (Lund University, Sweden) CIH - Professor Kathleen Brady (Medical University of South Carolina (MUSC)) CII - Doctor Joanne Ross (University of New South Wales)</p>	<p>Randomised controlled trial of an integrated cognitive-behavioural therapy for the treatment of co-occurring post-traumatic stress disorder and substance use disorder in adolescents</p>	<p>University of New South Wales</p>	<p>\$945,646.76</p>

APP1127142	<p>CIA - Doctor Barbara Lingwood (The University of Queensland) CIB - Associate Professor Michael Stark (The University of Adelaide) CIC - Professor Paul Colditz (The University of Queensland) CID - Professor Ian Wright (The University of Wollongong) CIE - Doctor Yvonne Eiby (The University of Queensland)</p>	A pre-clinical trial of early blood transfusion for improving cerebral oxygen delivery in very preterm neonates	The University of Queensland	\$970,603.00
APP1127144	<p>CIA - Associate Professor Angela Morgan (Murdoch Childrens Research Institute) CIB - Doctor Michael Hildebrand (University of Melbourne) CIC - Professor Simon Fisher (Max Planck Institute for Psycholinguistics) CID - Doctor Frederique Liegeois (Great Ormond Street Hospital for Children NHS Trust (GOSH) and UCL Institute of Child Health (ICH)) CIE - Professor Sheena Reilly (Griffith University) CIF - Professor David Amor (Murdoch Childrens Research Institute)</p>	Neurobiology of childhood speech disorders: improving detection, diagnosis and clinical care	Murdoch Childrens Research Institute	\$994,575.10

APP1127156	<p>CIA - Professor Jiake Xu (University of Western Australia)</p> <p>CIB - Associate Professor Nathan Pavlos (University of Western Australia)</p> <p>CIC - Doctor Jennifer Tickner (University of Western Australia)</p> <p>CID - Associate Professor Scott Wilson (University of Western Australia)</p> <p>CIE - Professor John Walsh (Metropolitan Health Service trading as Sir Charles Gairdner Hospital)</p>	Gene mining for novel molecular determinants of the skeleton	University of Western Australia	\$633,447.00
APP1127157	<p>CIA - Professor Stuart Tangye (The Garvan Institute of Medical Research)</p> <p>CIB - Doctor Elissa Deenick (The Garvan Institute of Medical Research)</p> <p>CIC - Doctor Cindy Ma (The Garvan Institute of Medical Research)</p> <p>CID - Doctor Tri Phan (The Garvan Institute of Medical Research)</p>	Delineating aberrant adaptive immune responses due to germline mutations in the PI3K signalling pathway	The Garvan Institute of Medical Research	\$975,476.00

APP1127159	<p>CIA - Doctor Peter Psaltis (South Australian Health and Medical Research Institute Limited)</p> <p>CIB - Professor Stephen Nicholls (South Australian Health and Medical Research Institute Limited)</p> <p>CIC - Professor Peter Thompson (University of Western Australia)</p>	A study of the plaque-modifying actions of colchicine in stable and unstable atherosclerosis: from mouse models to clinical imaging	South Australian Health and Medical Research Institute Limited	\$1,198,460.00
APP1127198	<p>CIA - Professor Philip Hodgkin (The Walter and Eliza Hall Institute of Medical Research)</p> <p>CIB - Doctor Vanessa Bryant (The Walter and Eliza Hall Institute of Medical Research)</p> <p>CIC - Doctor Edwin Hawkins (The Walter and Eliza Hall Institute of Medical Research)</p> <p>CID - Doctor Susanne Heinzl (The Walter and Eliza Hall Institute of Medical Research)</p> <p>CIE - Doctor Andrey Kan (The Walter and Eliza Hall Institute of Medical Research)</p>	Applying quantitative immunology to the analysis of complex genetic diseases	The Walter and Eliza Hall Institute of Medical Research	\$864,596.00

APP1127209	<p>CIA - Doctor Damien Hudson (Murdoch Childrens Research Institute)</p> <p>CIB - Doctor Justin O'Sullivan (The Liggins Institute, The University of New Zealand)</p> <p>CIC - Doctor Paul Kalitsis (Murdoch Childrens Research Institute)</p> <p>CID - Professor William Earnshaw (Wellcome Trust Centre for Cell Biology)</p>	Understanding how defects in chromosome structure can cause disease	Murdoch Childrens Research Institute	\$546,556.50
APP1127265	<p>CIA - Doctor Carrington Shepherd (Telethon Kids Institute, Subiaco WA)</p> <p>CIB - Professor Rhonda Marriott (Murdoch University)</p> <p>CIC - Professor Fiona Stanley (Telethon Kids Institute, Subiaco WA)</p> <p>CID - Doctor Pia Hardelid (University College London (UCL))</p> <p>CIE - Doctor Brad Farrant (Telethon Kids Institute, Subiaco WA)</p> <p>CIF - Professor Ruth Gilbert (University College London (UCL))</p>	Pathways to avoidable and unexplained deaths in the early lifecourse	University of Western Australia	\$1,108,086.40

APP1127267	CIA - Professor Shaun Jackson (University of Sydney) CIB - Professor Cheng Zhu (Georgia Institute of Technology)	Intravascular leukocyte trafficking during thromboinflammation	University of Sydney	\$668,742.00
APP1127278	CIA - Professor Shaun Jackson (University of Sydney)	Identification of a new thrombosis mechanism triggered by dying platelets	University of Sydney	\$608,742.00
APP1127284	CIA - Professor Shaun Jackson (University of Sydney) CIB - Professor Cheng Zhu (Georgia Institute of Technology) CIC - Associate Professor Clare Hawkins (The Heart Research Institute Ltd) CID - Associate Professor Stuart Cordwell (University of Sydney)	Investigating the link between oxidative stress and biomechanical integrin activation in diabetes	University of Sydney	\$653,742.00

APP1127290	<p>CIA - Professor Angel Lopez (Central Adelaide Local Health Network incorporated, trading as SA Pathology)</p> <p>CIB - Associate Professor Michele Grimaldeston (University of South Australia)</p> <p>CIC - Professor Stephen Galli (Stanford University, CA, USA)</p>	Novel approaches to control mast cell function in allergic inflammation	University of South Australia	\$723,447.00
APP1127292	<p>CIA - Professor Jonathan Iredell (University of Sydney)</p> <p>CIB - Associate Professor Sally Partridge (University of Sydney)</p> <p>CIC - Associate Professor Aaron Darling (University of Technology Sydney)</p> <p>CID - Associate Professor Ian Seppelt (Nepean Hospital NSW)</p> <p>CIE - Professor Ian Paulsen (Macquarie University)</p>	Antibiotic resistance and the ecological effects of selective decontamination of the digestive tract in intensive care units	University of Sydney	\$901,396.00

APP1127297	<p>CIA - Associate Professor Andrew Steer (Murdoch Childrens Research Institute)</p> <p>CIB - Doctor Margot Whitfeld (St Vincents and Mater Health Sydney)</p> <p>CIC - Doctor Tibor Schuster (Murdoch Childrens Research Institute)</p> <p>CID - Doctor Titus Nasi (National Referral Hospital, Honiara)</p> <p>CIE - Mr Oliver Sokana (Ministry of Health and Medical Services Solomon Islands)</p> <p>CIF - Professor Ross Andrews (Menzies School of Health Research)</p> <p>CIG - Doctor Lucia Romani (The Kirby Institute for infection and immunity in society)</p> <p>CIH - Doctor Michael Marks (London School of Hygiene and Tropical Medicine)</p> <p>CII - Doctor Daniel Engelman (University of Melbourne - Centre for International Child Health)</p>	Cluster randomised trial comparing one versus two doses of ivermectin for mass drug administration to control scabies	Murdoch Childrens Research Institute	\$540,512.40
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APP1127300	<p>CIA - Associate Professor Andrew Steer (Murdoch Childrens Research Institute)</p> <p>CIB - Doctor Margot Whitfeld (St Vincents and Mater Health Sydney)</p> <p>CIC - Doctor Handan Wand (University of New South Wales)</p> <p>CID - Doctor Mike Kama (Fiji Centre for Communicable Disease Control, Mataika House, Suva, Fiji)</p> <p>CIE - Doctor Joseph Kado (Fiji Ministry of Health)</p> <p>CIF - Professor Ross Andrews (Menzies School of Health Research)</p> <p>CIG - Doctor Lucia Romani (The Kirby Institute for infection and immunity in society)</p> <p>CIH - Doctor Natalie Carvalho (University of Melbourne)</p>	Does mass drug administration for scabies result in control of serious bacterial complications? A proof of concept towards global elimination	Murdoch Childrens Research Institute	\$883,760.45
APP1127336	<p>CIA - Doctor Brian Drew (Baker IDI Heart and Diabetes Institute Holdings Limited)</p> <p>CIB - Associate Professor Julie McMullen (Baker IDI Heart and Diabetes Institute Holdings Limited)</p>	Targeting a novel long non-coding RNA that is dysregulated in skeletal and cardiac muscle disease	Baker IDI Heart and Diabetes Institute Holdings Limited	\$621,556.50

APP1127337	<p>CIA - Doctor Cecilia Prele (University of Western Australia)</p> <p>CIB - Professor Darryl Knight (The University of Newcastle)</p> <p>CIC - Associate Professor Mark Fear (University of Western Australia)</p> <p>CID - Professor Robin McAnulty (University College London (UCL))</p> <p>CIE - Professor Fiona Wood (University of Western Australia)</p> <p>CIF - Professor Geoffrey Laurent (University of Western Australia)</p>	Epithelial-mesenchymal cell communication; towards new therapeutic targets for fibrosis	University of Western Australia	\$794,596.00
APP1127338	<p>CIA - Doctor Rowena Martin (Australian National University)</p> <p>CIB - Doctor Adele Lehane (Australian National University)</p>	Determining the mechanistic basis of the patterns of inverse drug susceptibility induced by two key drug resistance proteins of the malaria parasite	Australian National University	\$567,273.00
APP1127355	<p>CIA - Doctor Colin Clyne (Prince Henry's Institute of Medical Research)</p> <p>CIB - Doctor Kristy Brown (Hudson Institute of Medical Research)</p>	EAR2: a novel driver of breast cancer proliferation	Monash University	\$725,476.00

APP1127356	<p>CIA - Doctor Stephan Karl (The Walter and Eliza Hall Institute of Medical Research)</p> <p>CIB - Associate Professor Istvan Kezsmarki (Budapest University of Technology and Economics)</p> <p>CIC - Doctor Moses Laman (Papua New Guinea Institute of Medical Research, Goroka, Papua New Guinea)</p> <p>CID - Professor Malcolm Jones (The University of Queensland)</p> <p>CIE - Doctor Peter Metaxas (University of Western Australia)</p>	Field-based evaluation of a novel magneto-optical technique to diagnose malaria	The Walter and Eliza Hall Institute of Medical Research	\$637,410.50
APP1127387	<p>CIA - Associate Professor Jake Shortt (Monash University)</p> <p>CIB - Professor Ricky Johnstone (Peter MacCallum Cancer Centre)</p> <p>CIC - Professor Andrew Spencer (Alfred Health)</p>	Molecular & translational characterisation of IMiD-mediated BET-protein degradation in multiple myeloma	Monash University	\$497,857.00

APP1127390	<p>CIA - Professor Richard Mattick (University of New South Wales) CIB - Doctor Ryan Courtney (University of New South Wales) CIC - Professor Ron Borland (Cancer Council Victoria) CID - Doctor Coral Gartner (The University of Queensland) CIE - Professor Hayden McRobbie (Queen Mary, University of London) CIF - Associate Professor Dennis Petrie (Monash University) CIG - Professor Mohammad Siahpush (University of Nebraska Medical Center) CIH - Professor Robyn Richmond (University of New South Wales) CII - Professor Anthony Shakeshaft (University of New South Wales) CIJ - Professor Michael Farrell (University of New South Wales)</p>	Adding an electronic-cigarette to standard behavioural treatment for low-socioeconomic status smokers: a randomised trial	University of New South Wales	\$1,381,127.10
APP1127396	<p>CIA - Professor Cory Xian (University of South Australia) CIB - Associate Professor Bruce Foster (Women's and Children's Hospital (Adelaide)) CIC - Professor Jiake Xu (University of Western Australia)</p>	NT-3 as an upstream and potentially master regulator promoting bone fracture healing	University of South Australia	\$712,857.00

APP1127437	<p>CIA - Associate Professor Georgina Chambers (University of New South Wales)</p> <p>CIB - Professor Louisa Jorm (University of New South Wales)</p> <p>CIC - Professor Robert Norman (The University of Adelaide)</p> <p>CID - Associate Professor Kei Lui (University of New South Wales)</p> <p>CIE - Doctor Alys Havard (University of New South Wales)</p>	Medically assisted fertility treatment and infant outcomes: the role of IVF (in vitro fertilisation), ovulation induction and subfertility	University of New South Wales	\$463,000.80
APP1127452	<p>CIA - Doctor Peter Janes (Monash University)</p> <p>CIB - Professor Dimitar Nikolov (Memorial Sloan Kettering Cancer Centre, NY, USA)</p> <p>CIC - Associate Professor Hui Gan (La Trobe University)</p>	ADAM metalloprotease inhibition for treatment of colorectal cancer	Monash University	\$770,924.50

<p>APP1127526</p>	<p>CIA - Professor Merlin Thomas (Baker IDI Heart and Diabetes Institute Holdings Limited) CIB - Professor Karin Jandeleit-Dahm (Baker IDI Heart and Diabetes Institute Holdings Limited) CIC - Professor Stephen Wilton (Murdoch University) CID - Doctor Christos Tikellis (Baker IDI Heart and Diabetes Institute Holdings Limited)</p>	<p>RAGE and ACE2 shedding as therapeutic targets in diabetes and cardiovascular disease</p>	<p>Baker IDI Heart and Diabetes Institute Holdings Limited</p>	<p>\$748,447.00</p>
<p>APP1127536</p>	<p>CIA - Doctor Natalie Hannan (University of Melbourne) CIB - Doctor Lynda Harris (University of Manchester, UK) CIC - Professor Stephen Tong (University of Melbourne)</p>	<p>Nanomedicine targeted delivery of therapeutics to the placenta to treat preeclampsia</p>	<p>University of Melbourne</p>	<p>\$513,147.80</p>

APP1127538	<p>CIA - Professor Stephen Locarnini (Victorian Infectious Diseases Reference Laboratory)</p> <p>CIB - Associate Professor Hans Netter (Melbourne Health)</p> <p>CIC - Doctor Gregor Ebert (The Walter and Eliza Hall Institute of Medical Research)</p> <p>CID - Doctor Renae Walsh (Victorian Infectious Diseases Reference Laboratory)</p> <p>CIE - Professor Alexander Thompson (St Vincent's Hospital (Melbourne) Ltd)</p>	<p>Characterisation of anti-HBs responses in patients undergoing functional Hepatitis B cure: implication for future therapies</p>	<p>University of Melbourne</p>	<p>\$723,649.20</p>
APP1127551	<p>CIA - Associate Professor Louise Purton (St Vincent's Institute of Medical Research)</p> <p>CIB - Associate Professor Carl Walkley (St Vincent's Institute of Medical Research)</p> <p>CIC - Doctor Alistair Chalk (St Vincent's Institute of Medical Research)</p>	<p>Microenvironmental regulation of blood cells by retinoic acid receptor gamma</p>	<p>St Vincent's Institute of Medical Research</p>	<p>\$958,427.60</p>

APP1127593	CIA - Professor James Whisstock (Monash University) CIB - Doctor Ruby Law (Monash University)	Activation and inhibition of the Plasminogen/Plasmin system	Monash University	\$800,663.20
APP1127615	CIA - Professor Ian Paulsen (Macquarie University) CIB - Doctor Karl Hassan (Macquarie University) CIC - Professor Peter Henderson (University of Leeds, UK)	Pacing across the membrane: characterising the PACE family of multidrug efflux systems	Macquarie University	\$640,815.00
APP1127705	CIA - Doctor Riccardo Natoli (Australian National University) CIB - Doctor Hardip Patel (Australian National University) CIC - Doctor Matt Rutar (Australian National University)	The use of microRNA as novel therapeutic targets for reducing retinal inflammation and degeneration	Australian National University	\$349,076.00

<p>APP1127737</p>	<p>CIA - Associate Professor Amanda Salis (University of Sydney) CIB - Professor Nuala Byrne (Bond University Limited) CIC - Associate Professor Tania Markovic (Royal Prince Alfred Hospital, Camperdown NSW) CID - Doctor Radhika Seimon (University of Sydney)</p>	<p>Improving weight loss by intermittent use of very low energy diet: the TANGO Diet Trial (Temporary phases of Accelerated weight loss for Noticeably Greater Outcomes)</p>	<p>University of Sydney</p>	<p>\$660,735.90</p>
<p>APP1127741</p>	<p>CIA - Professor Peter Currie (Monash University) CIB - Professor Nicolle Packer (Macquarie University)</p>	<p>Defining the role of glycosylation in basement membrane failure during muscular dystrophy</p>	<p>Monash University</p>	<p>\$824,664.40</p>
<p>APP1127745</p>	<p>CIA - Doctor Vihandha Wickramasinghe (Peter MacCallum Cancer Centre)</p>	<p>Mechanisms of regulating gene expression via selective mRNA transport</p>	<p>University of Melbourne</p>	<p>\$424,076.00</p>
<p>APP1127750</p>	<p>CIA - Professor Murray Whitelaw (The University of Adelaide) CIB - Professor Michael Cowley (Monash University) CIC - Professor Ismaa Farooqi (University of Cambridge, UK)</p>	<p>Transcription factors which regulate signalling through the Leptin-Melanocortin pathway</p>	<p>The University of Adelaide</p>	<p>\$586,704.00</p>

APP1127754	<p>CIA - Doctor Belinda Parker (La Trobe University)</p> <p>CIB - Professor Sandra OToole (Royal Prince Alfred Hospital, Camperdown NSW)</p> <p>CIC - Professor Gregory Mann (The Royal Women's Hospital)</p>	<p>Characterising the tumour suppressive function of myoepithelial cell stefin A in ductal carcinoma in situ</p>	<p>La Trobe University</p>	<p>\$474,840.40</p>
APP1127792	<p>CIA - Professor Robert Widdop (Monash University)</p> <p>CIB - Professor Marie-Isabel Aguilar (Monash University)</p> <p>CIC - Professor Kate Denton (Monash University)</p>	<p>Novel treatments of fibrosis for hypertensive heart disease</p>	<p>Monash University</p>	<p>\$912,536.00</p>

APP1127817	<p>CIA - Associate Professor Ann Goodchild (Macquarie University) CIB - Doctor Simon McMullan (Macquarie University) CIC - Doctor Peter Burke (Neuroscience Research Australia) CID - Emeritus Professor Roger Dampney (University of Sydney) CIE - Associate Professor Jennifer Cornish (Macquarie University)</p>	<p>Light, sound and touch influence the autonomic nervous system via a non- canonical pathway</p>	<p>Macquarie University</p>	<p>\$329,666.00</p>
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APP1127819	<p>CIA - Professor Bruce Taylor (University of Tasmania)</p> <p>CIB - Professor Rodney Scott (The University of Newcastle)</p> <p>CIC - Associate Professor Ingrid van der Mei (University of Tasmania)</p> <p>CID - Professor Robyn Lucas (Australian National University)</p> <p>CIE - Professor Anne-Louise Ponsonby (Murdoch Childrens Research Institute)</p> <p>CIF - Associate Professor Jeannette Lechner-Scott (The University of Newcastle)</p> <p>CIG - Associate Professor Rod Lea (Queensland University of Technology)</p> <p>CIH - Doctor Andrew Fox (University of Melbourne)</p> <p>CII - Professor Simon Broadley (Griffith University)</p> <p>CIJ - Associate Professor Cameron Shaw (Barwon Health)</p>	What predicts the progressive phase of multiple sclerosis	University of Tasmania	\$1,791,342.60
APP1127825	CIA - Doctor Mark Adams (Queensland University of Technology)	Improving treatment of non-small cell lung cancer: suppressing cell division cycle associated protein 3 (CDCA3)	Queensland University of Technology	\$194,445.60

APP1127827	<p>CIA - Professor Andrew Palmer (University of Tasmania)</p> <p>CIB - Professor John Eisman (The Garvan Institute of Medical Research)</p> <p>CIC - Doctor Lei Si (University of Tasmania)</p> <p>CID - Professor Tania Winzenberg (University of Tasmania)</p> <p>CIE - Professor Kerrie Sanders (Australian Catholic University Limited)</p> <p>CIF - Professor Jacqueline Center (The Garvan Institute of Medical Research)</p>	<p>AusGo-SHEMO....Let's Go!</p> <p>Australian Gold Standard Health Economics Model of Osteoporosis</p>	University of Tasmania	\$378,958.90
APP1127885	<p>CIA - Doctor Philippe Bouillet (The Walter and Eliza Hall Institute of Medical Research)</p> <p>CIB - Professor John Silke (The Walter and Eliza Hall Institute of Medical Research)</p>	<p>Regulation of TNF expression in inflammation and cancer</p>	The Walter and Eliza Hall Institute of Medical Research	\$728,447.00
APP1127916	<p>CIA - Professor Alexander Khromykh (The University of Queensland)</p>	<p>The role of noncoding viral RNAs in flavivirus infection and exosomal signalling</p>	The University of Queensland	\$683,447.00

APP1127948	<p>CIA - Professor Jian Li (Monash University) CIB - Doctor Jiangning Song (Monash University) CIC - Professor Falk Schreiber (University of Konstanz, Department of Computer and Information Science)</p>	<p>An integrated virtual cell approach towards elucidating the systems pharmacology of antibiotics against <i>Pseudomonas aeruginosa</i></p>	<p>Monash University</p>	<p>\$823,717.80</p>
APP1127952	<p>CIA - Professor Mark Dadds (University of Sydney) CIB - Professor Valsamma Eapen (University of New South Wales) CIC - Professor Paul Frick (Louisiana State University) CID - Associate Professor Eva Kimonis (University of New South Wales) CIE - Doctor David Hawes (University of Sydney) CIF - Doctor Caroline Moul (University of Sydney) CIG - Doctor Divya Mehta (The University of Queensland)</p>	<p>Mapping the specific pathways to early-onset mental health disorders</p>	<p>University of Sydney</p>	<p>\$1,287,730.00</p>

APP1127976	<p>CIA - Professor Patrick Tam (Children's Medical Research Institute) CIB - Professor Ernst Wolvetang (The University of Queensland) CIC - Professor Justin Cooper-White (The University of Queensland) CID - Doctor Dmitry Ovchinnikov (Australian Institute for Bioengineering and Nanotechnology (AIBN))</p>	(Re)wiring a stem cell: deciphering the molecular mechanism underpinning lineage propensity	University of Sydney	\$855,780.00
APP1127981	<p>CIA - Doctor Andrew Teichtahl (Monash University) CIB - Professor Flavia Cicuttini (Monash University) CIC - Professor Graeme Jones (University of Tasmania) CID - Doctor Helen Keen (University of Western Australia) CIE - Doctor Jessica Kasza (Monash University) CIF - Doctor Yuanyuan Wang (Monash University)</p>	METHODS - A randomised controlled trial of METHotrexate to treat Hand Osteoarthritis with Synovitis	Monash University	\$770,013.80

APP1127999	CIA - Professor Jurgen Gotz (The University of Queensland) CIB - Professor Frederic Meunier (The University of Queensland)	Tau and its master regulator Fyn in neurons	The University of Queensland	\$758,742.00
APP1128003	CIA - Doctor Darren Creek (Monash University) CIB - Professor Susan Charman (Monash University) CIC - Doctor Laura Edgington-Mitchell (Monash University)	Defining the mechanisms of action for ozonide antimalarials	Monash University	\$668,152.00
APP1128010	CIA - Professor John Upham (The University of Queensland) CIB - Associate Professor Jodie Simpson (The University of Newcastle) CIC - Associate Professor Christopher Grainge (The University of Newcastle)	Anti-viral immune dysfunction in severe asthma varies across inflammatory phenotypes	The University of Queensland	\$997,153.40

APP1128012	<p>CIA - Professor Anthony Kelleher (University of New South Wales)</p> <p>CIB - Associate Professor Stuart Turville (University of New South Wales)</p> <p>CIC - Doctor Kazuo Suzuki (St Vincent's Centre for Applied Medical Research, Darlinghurst NSW)</p> <p>CID - Professor Geoffrey Symonds (University of New South Wales)</p> <p>CIE - Doctor Chantelle Ahlenstiel (University of New South Wales)</p> <p>CIF - Doctor Cody Allison (The Walter and Eliza Hall Institute of Medical Research)</p>	Solving delivery of gene therapy for control of Human Immunodeficiency Virus infection	University of New South Wales	\$765,438.60
APP1128046	<p>CIA - Professor Karlheinz Peter (Baker IDI Heart and Diabetes Institute Holdings Limited)</p> <p>CIB - Doctor Yung-Chih Chen (Baker IDI Heart and Diabetes Institute Holdings Limited)</p>	The unstable, rupture-prone atherosclerotic plaque: innovative methods for its detection and stabilisation	Baker IDI Heart and Diabetes Institute Holdings Limited	\$748,447.00
APP1128060	CIA - Doctor Brian Drew (Baker IDI Heart and Diabetes Institute Holdings Limited)	Activating mitochondria in white adipose tissue to reduce obesity related complications	Baker IDI Heart and Diabetes Institute Holdings Limited	\$708,447.00

APP1128083	<p>CIA - Professor Leon Flicker (University of Western Australia)</p> <p>CIB - Professor Osvaldo Almeida (University of Western Australia)</p> <p>CIC - Associate Professor Bu Yeap (University of Western Australia)</p> <p>CID - Associate Professor Suzanne Robinson (Curtin University of Technology)</p> <p>CIE - Associate Professor Christopher Etherton-Beer (University of Western Australia)</p> <p>CIF - Associate Professor Kieran McCaul (University of Western Australia)</p>	Reaching the tenth decade of life in Australia – a 20-year longitudinal study of older men	University of Western Australia	\$890,062.80
APP1128093	<p>CIA - Doctor Natalie Hannan (University of Melbourne)</p> <p>CIB - Professor Stephen Tong (University of Melbourne)</p> <p>CIC - Doctor Tu'uhevaha Kaitu'u-Lino (University of Melbourne)</p>	New generation antiplatelet therapies to prevent preeclampsia	University of Melbourne	\$483,147.80

APP1128100	<p>CIA - Professor Alison Ritter (University of New South Wales)</p> <p>CIB - Associate Professor Timothy Dobbins (University of New South Wales)</p> <p>CIC - Doctor Jennifer Chalmers (University of New South Wales)</p> <p>CID - Doctor Michael Livingston (La Trobe University)</p> <p>CIE - Doctor Lynda Berends (Australian Catholic University Limited)</p> <p>CIF - Professor Harvey Whiteford (The University of Queensland)</p>	Alcohol and other drug treatment funding, purchasing and workforce: empirical analyses to inform policy	University of New South Wales	\$473,865.20
APP1128108	<p>CIA - Professor Clive May (Florey Institute of Neuroscience and Mental Health)</p> <p>CIB - Doctor Song Yao (Florey Institute of Neuroscience and Mental Health)</p> <p>CIC - Professor Andrew Allen (University of Melbourne)</p>	The brain as a therapeutic target for heart failure	Florey Institute of Neuroscience and Mental Health	\$923,431.60

APP1128120	<p>CIA - Doctor Andrew Ellisdon (Monash University) CIB - Professor James Whisstock (Monash University) CIC - Associate Professor Hans Elmlund (Monash University) CID - Doctor Michelle Halls (Monash University)</p>	Structural and functional characterisation of the oncogene P-Rex1	Monash University	\$623,447.00
APP1128147	<p>CIA - Associate Professor Rebecca McKetin (Curtin University of Technology) CIB - Doctor Olivia Dean (Deakin University) CIC - Professor Daniel Lubman (Monash University) CID - Professor Paul Dietze (Burnet Institute) CIE - Doctor Peter Higgs (National Drug Research Institute) CIF - Doctor Peter Kelly (The University of Wollongong) CIG - Doctor Alyna Turner (Deakin University) CIH - Doctor Brendan Quinn (Burnet Institute) CII - Professor Gregory Carter (Calvary Mater Newcastle Hospital)</p>	The N-ICE trial: a randomised controlled trial of the safety and efficacy of N-Acetyl Cysteine (NAC) as a pharmacotherapy for methamphetamine (“ice”) dependence	Curtin University of Technology	\$1,551,368.40

APP1128152	<p>CIA - Professor Des Richardson (University of Sydney)</p> <p>CIB - Professor V. Nathan Subramaniam (Queensland University of Technology)</p> <p>CIC - Associate Professor Deborah Trinder (University of Western Australia)</p> <p>CID - Doctor Michael Li-Hsuan Huang (University of Sydney)</p> <p>CIE - Doctor Richard Clark (The University of Queensland)</p> <p>CIF - Professor Tomas Ganz (University of California, Los Angeles, CA, USA)</p>	Hormone transport by alpha-2-macroglobulin: novel roles in regulating hormone activity	University of Sydney	\$602,857.00
APP1128175	<p>CIA - Professor John Rasko (Centenary Institute of Cancer Medicine and Cell Biology)</p> <p>CIB - Doctor Justin Wong (Centenary Institute of Cancer Medicine and Cell Biology)</p>	Investigating the role of aberrant splicing (intron retention) in acute myeloid leukaemia	Centenary Institute of Cancer Medicine and Cell Biology	\$1,135,745.00

<p>APP1128198</p>	<p>CIA - Professor Brendan Crabb (Burnet Institute) CIB - Doctor Travis Beddoe (La Trobe University) CIC - Professor Tania de Koning-Ward (Deakin University) CID - Doctor Paul Gilson (Burnet Institute)</p>	<p>Functional resolution of PTEX, the exporter of virulence factors in malaria parasites</p>	<p>Burnet Institute</p>	<p>\$625,212.00</p>
<p>APP1128215</p>	<p>CIA - Doctor James Wood (University of New South Wales) CIB - Associate Professor Mark Tanaka (University of New South Wales) CIC - Associate Professor Ruiting Lan (University of New South Wales) CID - Professor Peter McIntyre (University of Sydney) CIE - Doctor Heather Gidding (University of New South Wales) CIF - Doctor Patricia Campbell (University of Melbourne)</p>	<p>Assessing acellular pertussis vaccine effectiveness: integrating transmission models, genetics and cohort data to inform policy</p>	<p>University of New South Wales</p>	<p>\$429,597.00</p>

APP1128222	<p>CIA - Professor Rory Wolfe (Monash University)</p> <p>CIB - Associate Professor Stephane Heritier (Monash University)</p> <p>CIC - Associate Professor Lyle Gurrin (University of Melbourne)</p> <p>CID - Doctor Victoria Mar (Alfred Health)</p> <p>CIE - Associate Professor Kevan Polkinghorne (Monash University)</p> <p>CIF - Professor John Kelly (The Alfred Hospital)</p> <p>CIG - Doctor Jessica Kasza (Monash University)</p>	Enhancing aspects of time-to-event analysis methodology in randomised trials	Monash University	\$548,446.40
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APP1128231	<p>CIA - Associate Professor Alexander Larcombe (Telethon Kids Institute, Subiaco WA)</p> <p>CIB - Associate Professor Benjamin Mullins (Curtin University of Technology)</p> <p>CIC - Doctor Peter Franklin (WA Department of Health)</p> <p>CID - Professor Arthur Musk (Metropolitan Health Service trading as Sir Charles Gairdner Hospital)</p> <p>CIE - Professor Rachel Huxley (The University of Queensland)</p>	The health effects of electronic-cigarettes	University of Western Australia	\$571,260.00
APP1128250	<p>CIA - Doctor Traude Beilharz (Monash University)</p> <p>CIB - Associate Professor Kaylene Simpson (Peter MacCallum Cancer Centre)</p> <p>CIC - Associate Professor David Powell (Monash University)</p>	An investigation into the role of 3'UTR dynamics in breast cancer metastasis	Monash University	\$627,443.60

APP1128267	CIA - Professor Stephen Holdsworth (Monash University) CIB - Professor Arthur Kitching (Monash University)	Cytokine inhibition as a potential therapy for ANCA-associated glomerulonephritis	Monash University	\$929,596.00
APP1128273	CIA - Professor Peter Thorn (University of Sydney) CIB - Professor Herbert Gaisano (University of Toronto, Canada) CIC - Professor Jenny Gunton (University of Sydney)	Do synaptic-like mechanisms control insulin secretion?	University of Sydney	\$593,235.10
APP1128276	CIA - Doctor Stavros Selemidis (Monash University) CIB - Professor Douglas Brooks (University of South Australia) CIC - Professor John O'Leary (Trinity College Dublin)	Endosomal reactive oxygen species in tumour angiogenesis	Monash University	\$633,739.00
APP1128295	CIA - Doctor Donald McLeod (The Council of the Queensland Institute of Medical Research)	Does stress cause Graves' disease?	The Council of the Queensland Institute of Medical Research	\$565,000.00

APP1128317	<p>CIA - Professor Louise Baur (University of Sydney)</p> <p>CIB - Professor Helen Truby (Monash University)</p> <p>CIC - Associate Professor Sarah Garnett (The Children's Hospital at Westmead)</p> <p>CID - Associate Professor Krista Varady (University of Illinois at Chicago)</p> <p>CIE - Professor Christopher Cowell (The Children's Hospital at Westmead)</p> <p>CIF - Professor Clare Collins (The University of Newcastle)</p> <p>CIG - Professor Susan Paxton (La Trobe University)</p> <p>CIH - Doctor Natalie Lister (University of Sydney)</p> <p>CII - Ms Megan Gow (University of Sydney)</p>	The alternate day fasting diet in adolescents with obesity: a randomised controlled trial	University of Sydney	\$1,007,545.00
APP1128320	<p>CIA - Professor John Bekkers (Australian National University)</p> <p>CIB - Associate Professor Ehsan Arabzadeh (Australian National University)</p>	Learning and network plasticity in a primitive sensory cortex	Australian National University	\$461,556.50

APP1128332	<p>CIA - Professor Jonathan Karnon (The University of Adelaide)</p> <p>CIB - Associate Professor Michael Sorich (The Flinders University of South Australia)</p> <p>CIC - Professor Robyn Ward (The University of Queensland)</p> <p>CID - Doctor Nicholas Latimer (Sheffield University, UK)</p> <p>CIE - Associate Professor Michael Coory (Murdoch Childrens Research Institute)</p>	Improving the evaluation of new cancer therapies to expedite patient access	The University of Adelaide	\$412,888.00
APP1128334	CIA - Professor Ruth Hall (University of Sydney)	Interactions between integrative genomic islands and plasmids; role in the spread and loss of antibiotic resistance and pathogenicity determinants	University of Sydney	\$776,464.80
APP1128351	<p>CIA - Associate Professor Nigel Turner (University of New South Wales)</p> <p>CIB - Professor David Sinclair (University of New South Wales)</p> <p>CIC - Associate Professor Jonathan Morris (University of New South Wales)</p>	Targeting nicotinamide adenine dinucleotide biosynthesis to improve metabolism	University of New South Wales	\$844,596.00

APP1128373	<p>CIA - Professor Alison Venn (University of Tasmania)</p> <p>CIB - Professor Thomas Marwick (Baker IDI Heart and Diabetes Institute Holdings Limited)</p> <p>CIC - Associate Professor Christopher Blizzard (University of Tasmania)</p> <p>CID - Doctor Costan Magnussen (University of Tasmania)</p> <p>CIE - Doctor Seana Gall (University of Tasmania)</p> <p>CIF - Doctor Verity Cleland (University of Tasmania)</p> <p>CIG - Associate Professor Kristy Sanderson (University of Tasmania)</p> <p>CIH - Professor Wendy Oddy (University of Tasmania)</p> <p>CII - Professor Terry Dwyer (The George Institute for Global Health)</p>	Cardiometabolic risk trajectories from childhood to midlife: finding pathways to better health	University of Tasmania	\$1,531,987.29
APP1128381	<p>CIA - Doctor Steven Zuryn (The University of Queensland)</p> <p>CIB - Associate Professor Massimo Hilliard (The University of Queensland)</p>	Epigenetic determination of neuronal vulnerability and neurodegenerative disease	The University of Queensland	\$617,857.00
APP1128427	CIA - Professor Pankaj Sah (The University of Queensland)	Neural circuits that mediate fear extinction	The University of Queensland	\$941,656.00
APP1128436	CIA - Doctor Rodrigo Medeiros (The University of Queensland)	Impact of interleukin-18 on Alzheimer's disease	The University of Queensland	\$722,857.00

APP1128442	<p>CIA - Professor Christopher Nolan (Australian National University)</p> <p>CIB - Professor Stefan Broer (Australian National University)</p> <p>CIC - Professor Marc Prentki (University of Montreal)</p> <p>CID - Doctor Viviane Delghingaro-Augusto (Australian National University)</p>	Targeting insulin hypersecretion to prevent Type 1 and Type 2 diabetes	Australian National University	\$834,596.00
APP1128450	<p>CIA - Professor Shyamali Dharmage (University of Melbourne)</p> <p>CIB - Professor Gita Mishra (The University of Queensland)</p> <p>CIC - Doctor Melanie Matheson (University of Melbourne)</p> <p>CID - Professor Cecilie Svanes (University of Bergen)</p> <p>CIE - Doctor David Martino (Murdoch Childrens Research Institute)</p> <p>CIF - Professor Bruce Thompson (Alfred Health)</p> <p>CIG - Professor John Holloway (University of Southampton, UK)</p> <p>CIH - Associate Professor Bircan Erbas (La Trobe University)</p> <p>CII - Doctor Caroline Lodge (University of Melbourne)</p> <p>CIJ - Doctor Adrian Lowe (University of Melbourne)</p>	Do exposures before conception influence the risk of asthma in offspring?	University of Melbourne	\$688,585.50

APP1128479	CIA - Doctor Philip Gregory (University of South Australia) CIB - Professor Gregory Goodall (Central Adelaide Local Health Network incorporated, trading as SA Pathology)	Characterising novel alternative splicing networks that promote tumour cell plasticity	University of South Australia	\$609,329.00
APP1128483	CIA - Doctor Han Shen (University of New South Wales)	Radiosensitisation of diffuse intrinsic pontine gliomas by modulating glucose metabolism	University of New South Wales	\$325,000.00
APP1128487	CIA - Doctor Simon Keely (The University of Newcastle) CIB - Professor Mark Morrison (The University of Queensland) CIC - Doctor Paraic O Cuiv (The University of Queensland) CID - Associate Professor Martin Veysey (The University of Newcastle) CIE - Doctor Susan Hua (The University of Newcastle)	Epithelial metabolism as a mediator of host-microbiome interactions in inflammatory bowel disease	The University of Newcastle	\$833,647.60

APP1128493	<p>CIA - Doctor Manuel Ferreira (The Council of the Queensland Institute of Medical Research)</p> <p>CIB - Associate Professor Simon Phipps (The University of Queensland)</p> <p>CIC - Professor Philip Thompson (University of Western Australia)</p> <p>CID - Doctor Antiopi Varelias (The Council of the Queensland Institute of Medical Research)</p>	Validation of PAG1 as a new risk gene with therapeutic potential for asthma	The Council of the Queensland Institute of Medical Research	\$687,436.20
APP1128516	<p>CIA - Doctor Jonathan Mynard (Murdoch Childrens Research Institute)</p> <p>CIB - Associate Professor Michael Cheung (Royal Children's Hospital Melbourne)</p> <p>CIC - Professor Alberto Avolio (Macquarie University)</p> <p>CID - Associate Professor Joseph Smolich (Murdoch Childrens Research Institute)</p>	Central aortic blood pressure in children: establishing a gold standard non-invasive assessment of cardiovascular risk	Murdoch Childrens Research Institute	\$694,342.20

APP1128553	<p>CIA - Associate Professor Michael Lawrence (The Walter and Eliza Hall Institute of Medical Research)</p> <p>CIB - Associate Professor Christopher Burns (The Walter and Eliza Hall Institute of Medical Research)</p>	Understanding ligand binding within the insulin-like growth factor family with direct application to cancer therapeutic design	The Walter and Eliza Hall Institute of Medical Research	\$861,235.00
APP1128564	<p>CIA - Associate Professor Allison Tong (University of Sydney)</p> <p>CIB - Professor Steven Chadban (University of Sydney)</p> <p>CIC - Associate Professor John Kanellis (Monash Medical Centre)</p> <p>CID - Associate Professor Germaine Wong (University of Sydney)</p> <p>CIE - Professor John Gill (University of British Columbia, Canada)</p> <p>CIF - Professor Klemens Budde (Charite University Hospital, Berlin)</p> <p>CIG - Professor Timothy Pruett (University of Minnesota)</p> <p>CIH - Professor Lorna Marson (University of Edinburgh)</p> <p>CII - Professor Peter Tugwell (University of Ottawa, Canada)</p>	Identifying and implementing standardised outcomes in kidney transplantation	University of Sydney	\$274,076.00
APP1128587	<p>CIA - Doctor Ilia Voskoboinik (Peter MacCallum Cancer Centre)</p> <p>CIB - Professor Joseph Trapani (Peter MacCallum Cancer Centre)</p>	The biogenesis of cytotoxic granules	University of Melbourne	\$824,596.00

<p>APP1128609</p>	<p>CIA - Doctor Wei Shi (The Walter and Eliza Hall Institute of Medical Research) CIB - Doctor Axel Kallies (The Walter and Eliza Hall Institute of Medical Research) CIC - Doctor Melissa Davis (University of Melbourne)</p>	<p>Computational reconstruction and validation of a gene regulatory network controlling differentiation of B-cells to antibody-secreting plasma cells</p>	<p>The Walter and Eliza Hall Institute of Medical Research</p>	<p>\$618,152.00</p>
<p>APP1128626</p>	<p>CIA - Professor Susan Cotton (Orygen) CIB - Doctor Craig Macneil (Orygen) CIC - Professor Greg Murray (Swinburne University of Technology) CID - Emeritus Professor Henry Jackson (University of Melbourne) CIE - Doctor Aswin Ratheesh (Orygen)</p>	<p>Randomised controlled trial of the RECOVER tailored psychological intervention for first episode bipolar disorder</p>	<p>University of Melbourne</p>	<p>\$1,550,290.70</p>
<p>APP1128631</p>	<p>CIA - Professor G. Paul Amminger (Orygen) CIB - Professor Bernhard Baune (The University of Adelaide) CIC - Doctor Simon Rice (Orygen)</p>	<p>Inflammation and oxidative stress in emerging psychotic and mood disorders</p>	<p>University of Melbourne</p>	<p>\$432,619.00</p>

APP1128748	<p>CIA - Professor John Rasko (Centenary Institute of Cancer Medicine and Cell Biology)</p> <p>CIB - Professor Ryan Lister (University of Western Australia)</p>	The role of a new class of chromatin organising hub	Centenary Institute of Cancer Medicine and Cell Biology	\$1,145,450.00
APP1128755	<p>CIA - Doctor Hsin-Hao Yu (Monash University)</p> <p>CIB - Professor Marcello Rosa (Monash University)</p> <p>CIC - Doctor Adam Morris (Monash University)</p> <p>CID - Professor Jochen Triesch (Goethe University Frankfurt)</p>	Neural computations for predictive coding in visual cortex	Monash University	\$479,832.20
APP1128784	<p>CIA - Doctor Owen Marshall (University of Tasmania)</p> <p>CIB - Associate Professor Tracey Dickson (University of Tasmania)</p> <p>CIC - Doctor Tony Southall (Imperial College London, UK)</p>	A genome-wide analysis of the epigenetic control of learning and memory	University of Tasmania	\$547,857.00
APP1128824	<p>CIA - Doctor Jenny Yingzi Wang (University of New South Wales)</p> <p>CIB - Associate Professor Jianlong Wang (Mount Sinai School of Medicine (MSSM), USA)</p>	Epigenetic regulation of self-renewal signalling pathway in leukemic stem cell formation	University of New South Wales	\$885,476.00

APP1128849	<p>CIA - Professor Gilles Guillemin (Macquarie University)</p> <p>CIB - Doctor David Lovejoy (Macquarie University)</p> <p>CIC - Doctor Arne Ittner (University of New South Wales)</p> <p>CID - Doctor Nady Braidy (University of New South Wales)</p> <p>CIE - Doctor James Doecke (Commonwealth Scientific and Industrial Research Organisation)</p>	Slowing progression of Alzheimer's disease by modulating the kynurenine pathway	Macquarie University	\$578,460.00
APP1128864	<p>CIA - Doctor Eddy Kizana (The Westmead Institute for Medical Research)</p> <p>CIB - Professor Ian Alexander (Children's Medical Research Institute)</p> <p>CIC - Professor Roger Hajjar (Mount Sinai School of Medicine (MSSM))</p> <p>CID - Doctor James Chong (The Westmead Institute for Medical Research)</p>	Preclinical assessment of gene therapy for Ventricular Arrhythmia	University of Sydney	\$801,079.00

APP1128886	<p>CIA - Associate Professor Jason Grebely (University of New South Wales)</p> <p>CIB - Professor Andrew Lloyd (University of New South Wales)</p> <p>CIC - Professor Carla Treloar (University of New South Wales)</p> <p>CID - Doctor Janaki Amin (University of New South Wales)</p> <p>CIE - Professor Louisa Degenhardt (University of New South Wales)</p> <p>CIF - Doctor Rowena Bull (University of New South Wales)</p> <p>CIG - Doctor Tanya Applegate (University of New South Wales)</p> <p>CIH - Associate Professor Adrian Dunlop (Hunter New England Local Health District)</p> <p>CII - Associate Professor Gail Matthews (University of New South Wales)</p>	Risk of Hepatitis C reinfection among people with current injecting drug use following successful HCV treatment	University of New South Wales	\$2,245,227.80
APP1128889	<p>CIA - Professor Gary Jeffrey (University of Western Australia)</p> <p>CIB - Associate Professor Leon Adams (University of Western Australia)</p>	Development of serum models that can predict clinical outcomes in chronic liver disease	University of Western Australia	\$380,693.50
APP1128891	<p>CIA - Doctor Tony Velkov (Monash University)</p> <p>CIB - Professor Jian Li (Monash University)</p> <p>CIC - Associate Professor Philip Thompson (Monash University)</p>	Novel octapeptin antibiotics targeting extremely drug resistant 'superbugs'	Monash University	\$946,024.20

APP1128908	CIA - Professor David Fairlie (The University of Queensland) CIB - Doctor Abishek Iyer (The University of Queensland)	Small molecule activators of glucagon-like peptide receptor	The University of Queensland	\$658,152.00
APP1128911	CIA - Professor Nicholas Smith (James Cook University) CIB - Professor Adrian Hehl (University of Zurich, CH) CIC - Professor Peter Deplazes (University of Zurich, CH)	A transmission-blocking vaccine to prevent toxoplasmosis	James Cook University	\$850,225.00
APP1128916	CIA - Professor Susan Clark (The Garvan Institute of Medical Research) CIB - Doctor Clare Stirzaker (The Garvan Institute of Medical Research) CIC - Associate Professor Elgene Lim (The Garvan Institute of Medical Research)	Four dimensional epigenome remodelling: implications for endocrine resistance in breast cancer	The Garvan Institute of Medical Research	\$828,559.50
APP1128924	CIA - Doctor Stephanie Gras (Monash University) CIB - Professor David Moody (Brigham and Women's Hospital (BWH), Boston)	A molecular investigation into lipid-reactive immunity to combat Mycobacterium tuberculosis infection	Monash University	\$628,152.00

APP1128933	<p>CIA - Associate Professor Richard Leventer (Murdoch Childrens Research Institute) CIB - Associate Professor Paul Lockhart (Murdoch Childrens Research Institute) CIC - Doctor Anthony Harvey (Royal Children's Hospital Melbourne)</p>	Tuberous sclerosis and epilepsy: using resected tissue to understand pathogenesis and inform management	Murdoch Childrens Research Institute	\$339,260.80
APP1128950	<p>CIA - Doctor Asha Bowen (Telethon Kids Institute, Subiaco WA) CIB - Professor Jonathan Carapetis (Telethon Kids Institute, Subiaco WA) CIC - Associate Professor Steven Tong (Menzies School of Health Research) CID - Associate Professor Julianne Coffin (The University of Notre Dame Australia) CIE - Associate Professor Andrew Steer (Murdoch Childrens Research Institute) CIF - Associate Professor Roz Walker (University of Western Australia) CIG - Doctor Julie Marsh (Telethon Kids Institute, Subiaco WA) CIH - Mr Raymond Christophers</p>	Skin disease control in remote Aboriginal children: translating evidence into practice with a cluster randomised, stepped wedge trial	University of Western Australia	\$1,818,581.40

<p>APP1128951</p>	<p>CIA - Professor Helen Rizos (Macquarie University) CIB - Doctor Matteo Carlino (Westmead Hospital) CIC - Professor Richard Kefford (Macquarie University) CID - Professor Xu Dong Zhang (The University of Newcastle) CIE - Doctor Alexander Menzies (University of Sydney)</p>	<p>Acquired resistance to PD1 inhibition in melanoma</p>	<p>Macquarie University</p>	<p>\$986,348.00</p>
<p>APP1128968</p>	<p>CIA - Doctor Adam Dunn (Macquarie University) CIB - Associate Professor Julie Leask (University of Sydney)</p>	<p>Monitoring the gap between evidence and vaccination behaviour by sampling the location-specific consumption of health information from news and social media</p>	<p>Macquarie University</p>	<p>\$476,647.80</p>
<p>APP1128975</p>	<p>CIA - Doctor Michael Duffy (University of Melbourne) CIB - Professor Tania de Koning-Ward (Deakin University) CIC - Professor Stefan Knapp (Goethe University Frankfurt)</p>	<p>The role of novel and essential bromodomain proteins in coordinating malaria parasite gene regulation and their potential as anti-malarial targets</p>	<p>University of Melbourne</p>	<p>\$689,034.00</p>

APP1128981	<p>CIA - Associate Professor John Boyce (Monash University) CIB - Doctor Sheena McGowan (Monash University) CIC - Doctor Marina Harper (Monash University)</p>	<p>Harnessing the type VI secretion system 'combat' arsenal of <i>A. baumannii</i> as a source of new antimicrobials and antimicrobial targets</p>	<p>Monash University</p>	<p>\$521,556.50</p>
APP1128984	<p>CIA - Professor Mark Dawson (Peter MacCallum Cancer Centre) CIB - Doctor Sarah-Jane Dawson (Peter MacCallum Cancer Centre)</p>	<p>Clonal evolution in Myelodysplasia and Acute Myeloid Leukaemia following Azacitidine</p>	<p>University of Melbourne</p>	<p>\$853,004.50</p>
APP1128993	<p>CIA - Doctor Samir Taoudi (The Walter and Eliza Hall Institute of Medical Research) CIB - Doctor Emma Josefsson (The Walter and Eliza Hall Institute of Medical Research) CIC - Doctor Yunshun Chen (The Walter and Eliza Hall Institute of Medical Research)</p>	<p>Investigating the formation and utility of the prenatal platelet forming system</p>	<p>The Walter and Eliza Hall Institute of Medical Research</p>	<p>\$793,441.90</p>

APP1129002	<p>CIA - Professor Melanie Wakefield (Cancer Council Victoria) CIB - Doctor Emily Brennan (Cancer Council Victoria) CIC - Associate Professor Sarah Durkin (Cancer Council Victoria) CID - Professor Simone Pettigrew (Curtin University of Technology) CIE - Professor Janet Hoek (University of Otago, New Zealand) CIF - Professor Michael Slater (The Ohio State University, USA)</p>	Can systematically developed alcohol health warnings reduce drinking intentions and behaviours?	Cancer Council Victoria	\$782,617.35
APP1129008	<p>CIA - Professor Paulette van Vliet (The University of Newcastle) CIB - Professor LeeAnne Carey (La Trobe University) CIC - Doctor Ailie Turton (University of the West of England) CID - Professor Patrick McElduff (The University of Newcastle) CIE - Professor Gert Kwakkel (VU University Amsterdam)</p>	Improving arm function after stroke using task specific training	The University of Newcastle	\$832,596.60

APP1129012	CIA - Doctor Samir Taoudi (The Walter and Eliza Hall Institute of Medical Research)	Understanding the ancestry of de novo blood formation in the early embryo	The Walter and Eliza Hall Institute of Medical Research	\$484,666.00
APP1129033	<p>CIA - Professor Leonard Harrison (The Walter and Eliza Hall Institute of Medical Research)</p> <p>CIB - Doctor Yuxia Zhang (The Walter and Eliza Hall Institute of Medical Research)</p> <p>CIC - Associate Professor Alicia Oshlack (Murdoch Childrens Research Institute)</p> <p>CID - Professor Jennifer Couper (The University of Adelaide)</p> <p>CIE - Associate Professor Peter Vuillermin (Deakin University)</p> <p>CIF - Professor Anne-Louise Ponsonby (Murdoch Childrens Research Institute)</p>	Epigenetic mechanisms of dysregulated immune function in autoimmune and allergic disease of childhood	The Walter and Eliza Hall Institute of Medical Research	\$452,298.00

APP1129054	<p>CIA - Professor Samuel Berkovic (University of Melbourne)</p> <p>CIB - Doctor Michael Hildebrand (University of Melbourne)</p> <p>CIC - Doctor Slavé Petrovski (University of Melbourne)</p> <p>CID - Doctor Snezana Maljevic (Florey Institute of Neuroscience and Mental Health)</p>	Detection of somatic mutations in sporadic epilepsies	University of Melbourne	\$1,256,165.50
APP1129099	<p>CIA - Doctor Adam Wheatley (University of Melbourne)</p> <p>CIB - Doctor Sinthujan Jegaskanda (University of Melbourne)</p> <p>CIC - Doctor Jonathan Yewdell (National Institutes of Health, USA)</p>	Mechanisms of B-cell immunodominance to influenza virus	University of Melbourne	\$617,610.50
APP1129125	<p>CIA - Professor Andrew Elefanty (Murdoch Childrens Research Institute)</p> <p>CIB - Professor Edouard Stanley (Murdoch Childrens Research Institute)</p>	Generating haematopoietic stem cells from human pluripotent stem cells	Murdoch Childrens Research Institute	\$872,215.40

APP1129136	<p>CIA - Doctor Robert MacInnis (Cancer Council Victoria)</p> <p>CIB - Professor Ingrid Winship (University of Melbourne)</p> <p>CIC - Doctor Mary Beth Terry (Columbia University, NY, USA)</p> <p>CID - Associate Professor Roger Milne (Cancer Council Victoria)</p> <p>CIE - Doctor Tu Nguyen-Dumont (University of Melbourne)</p>	Selecting the best cancer risk prediction models	Cancer Council Victoria	\$509,600.75
APP1129147	<p>CIA - Professor David Ashley (Barwon Health)</p> <p>CIB - Doctor Jayesh Desai (Royal Melbourne Hospital)</p> <p>CIC - Doctor Jason Cain (Hudson Institute of Medical Research)</p> <p>CID - Doctor Nicholas Gottardo (Telethon Kids Institute, Subiaco WA)</p> <p>CIE - Doctor Paul Wood (Monash Health)</p>	A phase II study of continuous, low-dose LBH 589 (Panobinostat) in patients with refractory solid tumors, including CNS tumors	Deakin University	\$811,512.40

APP1129189	<p>CIA - Doctor Tomas Kalincik (University of Melbourne)</p> <p>CIB - Professor Helmut Butzkueven (University of Melbourne)</p> <p>CIC - Professor Jan Hillert (Karolinska University Hospital, Sweden)</p>	Precision treatment for multiple sclerosis: maximising the effect of immunomodulatory therapy	University of Melbourne	\$537,272.00
APP1129192	CIA - Doctor Rodrigo Medeiros (The University of Queensland)	Investigating interleukin-37 as a treatment and biomarker for Alzheimer's disease	The University of Queensland	\$677,857.00
APP1129208	<p>CIA - Professor Geoffrey Farrell (Australian National University)</p> <p>CIB - Doctor Kate Schroder (The University of Queensland)</p> <p>CIC - Professor Matthew Cooper (The University of Queensland)</p> <p>CID - Professor Narcissus Teoh (Australian National University)</p> <p>CIE - Doctor Avril Robertson (The University of Queensland)</p>	Inflammatory pathways to liver fibrosis in non-alcoholic and alcoholic steatohepatitis: reversal by NLRP3 inhibitors	Australian National University	\$572,857.00
APP1129228	CIA - Doctor Thanh Dang (Murdoch Childrens Research Institute)	Development of clinical algorithms to diagnose and predict prognosis of food allergy	Murdoch Childrens Research Institute	\$136,636.40

APP1129234	<p>CIA - Doctor Lawrence Lee (Victor Chang Cardiac Research Institute Limited)</p> <p>CIB - Professor Andrew Turberfield (University of Oxford, UK)</p> <p>CIC - Professor Keiichi Namba (Osaka University)</p> <p>CID - Associate Professor Richard Berry (University of Oxford, UK)</p>	<p>Artificial synthesis of the type III secretion system translocon. A new approach to vaccine design</p>	University of New South Wales	\$668,742.00
APP1129273	<p>CIA - Professor Mark Schembri (The University of Queensland)</p> <p>CIB - Associate Professor Matthew Sweet (The University of Queensland)</p> <p>CIC - Professor Glen Ulett (Griffith University)</p>	<p>Understanding uropathogenic E. coli-mediated subversion of innate immunity</p>	The University of Queensland	\$932,536.00

APP1129317	<p>CIA - Professor Paul Monagle (University of Melbourne)</p> <p>CIB - Associate Professor Vera Ignjatovic (Murdoch Childrens Research Institute)</p> <p>CIC - Associate Professor Yves d'Udekem d'Acoz (Murdoch Childrens Research Institute)</p> <p>CID - Professor Fiona Newall (Royal Children's Hospital Melbourne)</p> <p>CIE - Associate Professor Warwick Butt (Royal Children's Hospital Melbourne)</p> <p>CIF - Associate Professor Stephen Horton (Royal Children's Hospital Melbourne)</p> <p>CIG - Associate Professor Graeme MacLaren (Royal Children's Hospital Melbourne)</p> <p>CIH - Associate Professor Matthew Linden (University of Western Australia)</p>	Understanding the mechanisms of bleeding and clotting complications for children on extracorporeal circuits	Murdoch Childrens Research Institute	\$1,113,385.00
APP1129320	<p>CIA - Professor Damian Purcell (University of Melbourne)</p> <p>CIB - Associate Professor Paul Cameron (University of Melbourne)</p> <p>CIC - Doctor Brad Sleebs (The Walter and Eliza Hall Institute of Medical Research)</p> <p>CID - Professor Anne Gatignol (Jewish General Hospital, Montreal, Canada)</p>	RNA processing mechanisms controlling HIV latency	University of Melbourne	\$605,077.50

APP1129347	<p>CIA - Professor Trevor Russell (The University of Queensland)</p> <p>CIB - Doctor Nicole Gillespie (The University of Queensland)</p> <p>CIC - Doctor Nicole Hartley (The University of Queensland)</p> <p>CID - Professor Deborah Theodoros (The University of Queensland)</p> <p>CIE - Doctor Anne Hill (The University of Queensland)</p> <p>CIF - Professor Len Gray (The University of Queensland)</p>	Predictors of home telehealth adoption in the aging population: consumer perspectives	The University of Queensland	\$325,255.48
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APP1129353	<p>CIA - Professor Gregory Goodall (Central Adelaide Local Health Network incorporated, trading as SA Pathology)</p> <p>CIB - Associate Professor Yeesim Khew-Goodall (Central Adelaide Local Health Network incorporated, trading as SA Pathology)</p> <p>CIC - Doctor Michael Samuel (University of South Australia)</p> <p>CID - Doctor Cameron Bracken (Central Adelaide Local Health Network incorporated, trading as SA Pathology)</p>	Using miR-200 to find new therapeutic targets for neuroblastoma	University of South Australia	\$563,152.00
APP1129367	<p>CIA - Associate Professor Massimo Hilliard (The University of Queensland)</p> <p>CIB - Professor Frederic Meunier (The University of Queensland)</p>	Understanding axonal fusion: an alternative mechanism to repair injured axons	The University of Queensland	\$648,447.00
APP1129376	<p>CIA - Doctor Mathias Dutschmann (Florey Institute of Neuroscience and Mental Health)</p> <p>CIB - Professor Robin McAllen (Florey Institute of Neuroscience and Mental Health)</p>	Origins of vagal tone	Florey Institute of Neuroscience and Mental Health	\$456,704.00

APP1129401	<p>CIA - Doctor Paul Timpson (The Garvan Institute of Medical Research)</p> <p>CIB - Doctor Jennifer Morton (The Beatson Institute for Cancer Research)</p> <p>CIC - Associate Professor yingxiao wang (University of California, San Diego, CA, USA)</p>	<p>Real-time optical window imaging of AKT-FRET biosensor mice to maximise PI3K/AKT drug targeting within the hypoxic microenvironment of pancreatic cancer</p>	<p>The Garvan Institute of Medical Research</p>	<p>\$683,447.00</p>
APP1129532	<p>CIA - Professor Patsy Yates (Queensland University of Technology)</p> <p>CIB - Doctor Kimberly Alexander (Queensland University of Technology)</p> <p>CIC - Professor Christine Miaskowski (University of California, San Francisco, CA, USA)</p> <p>CID - Associate Professor Raymond Chan (Queensland University of Technology)</p> <p>CIE - Professor Alexandra McCarthy (Queensland University of Technology)</p> <p>CIF - Associate Professor Steven McPhail (Queensland University of Technology)</p> <p>CIG - Associate Professor David Wyld (Royal Brisbane and Women's Hospital Foundation)</p> <p>CIH - Doctor Helen Skerman (Queensland University of Technology)</p>	<p>A sequential multiple assignment randomised trial (SMART) of nursing interventions to reduce pain associated with chemotherapy induced peripheral neuropathy</p>	<p>Queensland University of Technology</p>	<p>\$713,418.20</p>

APP1129592	<p>CIA - Professor Gita Mishra (The University of Queensland)</p> <p>CIB - Professor Shyamali Dharmage (University of Melbourne)</p> <p>CIC - Associate Professor Isabel Ferreira (The University of Queensland)</p> <p>CID - Associate Professor Jenny Visser (Erasmus University Medical Centre)</p> <p>CIE - Professor Deborah Loxton (The University of Newcastle)</p> <p>CIF - Professor Rachel Huxley (The University of Queensland)</p> <p>CIG - Professor Annette Dobson (The University of Queensland)</p> <p>CIH - Professor Grant Montgomery (The University of Queensland)</p> <p>CII - Professor Harold McIntyre (University of Queensland, School of Medicine)</p> <p>CIJ - Professor Jenny Doust (Bond University Limited)</p>	M-PreM study: reproductive factors, from menarche to pre-menopause, and the risk of cardiometabolic and respiratory conditions before menopause	The University of Queensland	\$1,366,831.00
APP1129600	CIA - Doctor Thierry Jarde (Monash University)	Promoting intestinal stem-cell mediated regeneration following damage: a critical role for Neuregulin 1	Monash University	\$648,447.00
APP1129609	<p>CIA - Professor Katharina Gaus (University of New South Wales)</p> <p>CIB - Doctor Jeremie Rossy (University of New South Wales)</p>	Regulation of the signalling efficiency of the T-cell antigen receptor	University of New South Wales	\$456,556.50

APP1129627	<p>CIA - Professor Ralph Martins (Edith Cowan University)</p> <p>CIB - Professor Anne Fagan (Washington University Missouri, MO, USA)</p> <p>CIC - Associate Professor Mark Molloy (Macquarie University)</p> <p>CID - Associate Professor Markus Wenk (National University of Singapore)</p> <p>CIE - Professor Gerhard Multhaup (McGill University, Canada)</p> <p>CIF - Professor Chengjie Xiong (Washington University Missouri, MO, USA)</p>	<p>Blood biomarkers for the diagnosis of pre-clinical Alzheimer's disease employing the Dominantly Inherited Alzheimer Network cohort</p>	<p>Edith Cowan University</p>	<p>\$1,125,803.84</p>
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APP1129648	<p>CIA - Associate Professor Chris Wilkinson (Women's and Children's Hospital (Adelaide))</p> <p>CIB - Professor Deborah Turnbull (The University of Adelaide)</p> <p>CIC - Professor Ben Mol (The University of Adelaide)</p> <p>CID - Doctor Edwin Chandrarahan (St George's Hospital, London)</p> <p>CIE - Doctor Andrew McPhee (Women's and Children's Health Network Incorporated)</p> <p>CIF - Doctor Amy Salter (The University of Adelaide)</p> <p>CIG - Professor Ian Symonds (The University of Newcastle)</p>	STan intrapartum fetal monitoring (cardiotocographic plus electrocardiographic) compared with cardiotocographic (CTG) monitoring alone: an Australian randomised controlled trial	The University of Adelaide	\$791,368.90
APP1129664	CIA - Associate Professor Penelope Bryant (Murdoch Childrens Research Institute)	How do antibiotics affect the gastrointestinal microbiome in children?	Murdoch Childrens Research Institute	\$215,000.00
APP1129667	<p>CIA - Doctor Masaaki Sato (Monash University)</p> <p>CIB - Doctor Dana Hutchinson (Monash University)</p>	Cytoprotective and metabolic responses to biased agonists acting at cardiomyocyte Gq-coupled receptors	Monash University	\$723,742.00

<p>APP1129672</p>	<p>CIA - Doctor Angus Johnston (Monash University) CIB - Doctor Justine Mintern (University of Melbourne) CIC - Doctor Georgina Such (University of Melbourne)</p>	<p>Improving therapeutic delivery by understanding nanoparticle interactions with cells</p>	<p>Monash University</p>	<p>\$553,152.00</p>
<p>APP1129679</p>	<p>CIA - Professor Paul Thomas (The University of Adelaide) CIB - Associate Professor Julian Heng (Harry Perkins Institute of Medical Research)</p>	<p>Identifying the pathological mechanism of PCDH19-Girls Clustering Epilepsy</p>	<p>The University of Adelaide</p>	<p>\$523,988.40</p>
<p>APP1129685</p>	<p>CIA - Professor Gemma Figtree (University of Sydney) CIB - Professor Burns Blaxall (Cincinnati Children's Hospital Medical Center) CIC - Doctor Eddy Kizana (The Westmead Institute for Medical Research) CID - Professor Zijian Xie (Marshall Institute) CIE - Professor Christopher Hayward (St. Vincent's Hospital Sydney Limited) CIF - Doctor Carmine Gentile (The Heart Research Institute Ltd)</p>	<p>A new paradigm in redox-mediated cardiac fibrosis</p>	<p>University of Sydney</p>	<p>\$867,514.00</p>

<p>APP1129689</p>	<p>CIA - Associate Professor Ron Firestein (Hudson Institute of Medical Research) CIB - Professor Bryan Williams (Hudson Institute of Medical Research) CIC - Doctor Suresh Mathivanan (La Trobe University) CID - Doctor Jason Cain (Hudson Institute of Medical Research)</p>	<p>Mediator kinase as a therapeutic target for Wnt/β-catenin dependent malignancies</p>	<p>Monash University</p>	<p>\$949,907.40</p>
<p>APP1129711</p>	<p>CIA - Doctor Laura Mackay (University of Melbourne)</p>	<p>Redefining tissue-resident memory T-cells</p>	<p>University of Melbourne</p>	<p>\$439,076.00</p>
<p>APP1129713</p>	<p>CIA - Associate Professor Ruiting Lan (University of New South Wales) CIB - Associate Professor Vitali Sintchenko (University of Sydney) CIC - Associate Professor Mark Tanaka (University of New South Wales) CID - Doctor Sophie Octavia (University of New South Wales)</p>	<p>Optimising temporal genomic surveillance of Salmonella infections in Australia</p>	<p>University of New South Wales</p>	<p>\$763,447.00</p>

<p>APP1129715</p>	<p>CIA - Professor Jason Mattingley (The University of Queensland) CIB - Associate Professor Paul Dux (The University of Queensland) CIC - Professor Hartwig Siebner (University of Copenhagen - Denmark)</p>	<p>Do ongoing cognitive demands affect the efficacy of transcranial electrical brain stimulation in young and older healthy adults?</p>	<p>The University of Queensland</p>	<p>\$627,857.00</p>
<p>APP1129717</p>	<p>CIA - Doctor Jason Howitt (Florey Institute of Neuroscience and Mental Health) CIB - Associate Professor Richard Leventer (Murdoch Childrens Research Institute) CIC - Professor Seong-Seng Tan (Florey Institute of Neuroscience and Mental Health)</p>	<p>Targeting autism with macrocephaly using mechanism based therapeutics</p>	<p>Florey Institute of Neuroscience and Mental Health</p>	<p>\$831,652.00</p>
<p>APP1129766</p>	<p>CIA - Doctor Thomas Cox (University of Copenhagen - Denmark)</p>	<p>Reversing the biomechanical dysregulation of cancer cell signalling to improve targeted therapies</p>	<p>The Garvan Institute of Medical Research</p>	<p>\$663,447.00</p>

APP1129770	<p>CIA - Professor Benjamin Howden (University of Melbourne)</p> <p>CIB - Associate Professor Martyn Kirk (Australian National University)</p> <p>CIC - Doctor Deborah Williamson (University of Melbourne)</p> <p>CID - Associate Professor Torsten Seemann (Victorian Life Sciences Computation Initiative (VLSCI))</p> <p>CIE - Professor Nigel French (Massey University, Palmerston North, New Zealand)</p>	A new genomic frontier for foodborne disease investigation in Australia	University of Melbourne	\$750,520.00
APP1129794	<p>CIA - Professor Roger Daly (Monash University)</p> <p>CIB - Doctor Lisa Ooms (Monash University)</p> <p>CIC - Professor Sandra OToole (Royal Prince Alfred Hospital, Camperdown NSW)</p>	A novel oncogenic alliance in breast cancer	Monash University	\$725,784.00

APP1129796	<p>CIA - Professor Alex Brown (South Australian Health and Medical Research Institute Limited)</p> <p>CIB - Professor Ghil'ad Zuckermann (The University of Adelaide)</p> <p>CIC - Professor Ngiare Brown (The University of Wollongong)</p> <p>CID - Mr Graham Gee (Victorian Aboriginal Health Service)</p>	Examining the impact of language reclamation on social and emotional well-being among the Barngarla	The University of Adelaide	\$1,111,633.10
APP1129811	<p>CIA - Professor John Zalcborg (Monash University)</p> <p>CIB - Professor Rory Wolfe (Monash University)</p> <p>CIC - Professor Finlay Macrae (Royal Melbourne Hospital)</p> <p>CID - Associate Professor Peter Gibbs (The Walter and Eliza Hall Institute of Medical Research)</p> <p>CIE - Associate Professor Ron Firestein (Hudson Institute of Medical Research)</p> <p>CIF - Associate Professor Robyn Woods (Monash University)</p> <p>CIG - Associate Professor Andrew Chan (Harvard Medical School, USA)</p>	The role of aspirin in the prevention of colorectal cancer	Monash University	\$1,725,799.20

APP1129815	<p>CIA - Professor Jayashri Kulkarni (Monash University) CIB - Professor Magdalena Plebanski (Monash University)</p>	<p>A randomised controlled trial of NMDA antagonist, memantine, for the treatment of borderline personality disorder</p>	<p>Monash University</p>	<p>\$993,067.30</p>
APP1129816	<p>CIA - Professor Tony Butler (University of New South Wales) CIB - Professor Basil Donovan (University of New South Wales) CIC - Professor Juliet Richters (University of New South Wales) CID - Doctor Paul Simpson (University of New South Wales) CIE - Ms Jocelyn Jones (National Drug Research Institute) CIF - Associate Professor Nicole Asquith (University of Western Sydney) CIG - Doctor Lorraine Yap (University of New South Wales) CIH - Doctor Azar Kariminia (University of New South Wales)</p>	<p>The sexual health and attitudes of Australian prisoners</p>	<p>University of New South Wales</p>	<p>\$1,605,706.00</p>

APP1129822	<p>CIA - Associate Professor Anne Cust (University of Sydney) CIB - Associate Professor Ainsley Newson (University of Sydney) CIC - Associate Professor Rachael Morton (University of Sydney) CID - Professor Michael Kimlin (University of the Sunshine Coast) CIE - Associate Professor Louise Keogh (University of Melbourne) CIF - Doctor Matthew Law (The Council of the Queensland Institute of Medical Research) CIG - Associate Professor Judy Kirk (Westmead Hospital) CIH - Doctor Suzanne Dobbinson (Cancer Council Victoria) CII - Professor Peter Kanetsky (H. Lee Moffitt Cancer Center and Research Institute)</p>	Improving skin cancer prevention: motivating preventive behaviours using knowledge of personalised genomic risk of melanoma	University of Sydney	\$1,041,720.40
APP1129843	<p>CIA - Associate Professor Kevin Saliba (Australian National University) CIB - Associate Professor Karine Auclair (McGill University, Canada)</p>	Understanding and targeting coenzyme A biosynthesis and utilisation in Plasmodium falciparum	Australian National University	\$556,114.00
APP1129861	<p>CIA - Professor Andrew Elefanty (Murdoch Childrens Research Institute) CIB - Professor Edouard Stanley (Murdoch Childrens Research Institute)</p>	Transcriptional regulation of definitive hematopoietic development in humans	Murdoch Childrens Research Institute	\$800,036.20

APP1129869	CIA - Doctor Vladimir Sytnyk (University of New South Wales)	Characterisation of the molecular mechanisms of Abeta-induced proteolysis of the neural cell adhesion molecule 2 (NCAM2)	University of New South Wales	\$374,666.00
APP1129901	CIA - Professor Ryan Lister (University of Western Australia) CIB - Doctor Justin Wong (Centenary Institute of Cancer Medicine and Cell Biology) CIC - Professor John Rasko (Centenary Institute of Cancer Medicine and Cell Biology)	Deciphering the role of DNA methylation in the regulation of alternative splicing	University of Western Australia	\$865,494.00

APP1129957	<p>CIA - Associate Professor Harriet Hiscock (Royal Children's Hospital Melbourne)</p> <p>CIB - Professor Michael Sawyer (The University of Adelaide)</p> <p>CIC - Doctor Emma Sciberras (Deakin University)</p> <p>CID - Professor Gary Freed (University of Melbourne)</p> <p>CIE - Professor David Coghill (University of Melbourne)</p> <p>CIF - Doctor Kim Dalziel (University of Melbourne)</p> <p>CIG - Associate Professor Susan Donath (Murdoch Childrens Research Institute)</p> <p>CIH - Doctor Daryl Efron (Murdoch Childrens Research Institute)</p> <p>CII - Professor Lynn Gillam</p>	Towards an evidence-based and equitable mental health system for children in Australia	Murdoch Childrens Research Institute	\$706,059.20
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APP1129996	<p>CIA - Doctor Anthony Bosco (Telethon Kids Institute, Subiaco WA) CIB - Professor Peter Le Souef (University of Western Australia) CIC - Professor Patrick Holt (Telethon Kids Institute, Subiaco WA) CID - Associate Professor Anthony Kicic (Princess Margaret Hospital for Children, Perth) CIE - Doctor Deborah Strickland (Telethon Kids Institute, Subiaco WA) CIF - Associate Professor Alexander Larcombe (Telethon Kids Institute, Subiaco WA)</p>	Using systems biology to understand asthma exacerbations and develop better treatments	University of Western Australia	\$791,734.40
APP1129997	CIA - Doctor Daniel Carter (Children's Cancer Institute)	Investigating deregulation of mitosis as a mechanism of tumourigenesis in MYCN-driven neuroblastoma	University of New South Wales	\$372,298.00

APP1130010	<p>CIA - Doctor Adrian Lowe (University of Melbourne)</p> <p>CIB - Professor Mimi Tang (Murdoch Childrens Research Institute)</p> <p>CIC - Professor Shyamali Dharmage (University of Melbourne)</p> <p>CID - Doctor Melanie Matheson (University of Melbourne)</p> <p>CIE - Associate Professor John Su (Monash University)</p>	A randomised controlled trial to prevent eczema, food allergy and sensitisation using a skin barrier improvement strategy	University of Melbourne	\$878,163.40
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APP1130077	<p>CIA - Professor Wayne Tilley (The University of Adelaide)</p> <p>CIB - Associate Professor Jason Carroll (Cambridge Institute for Medical Research, UK)</p> <p>CIC - Doctor Theresa Hickey (The University of Adelaide)</p> <p>CID - Associate Professor Elgene Lim (The Garvan Institute of Medical Research)</p> <p>CIE - Doctor Luke Selth (The University of Adelaide)</p> <p>CIF - Doctor Esmail Ebrahimie (The University of Adelaide)</p>	The clinical significance of sex hormone crosstalk in estrogen receptor positive breast cancer	The University of Adelaide	\$1,009,006.00
APP1130079	<p>CIA - Associate Professor Nadia Solowij (The University of Wollongong)</p> <p>CIB - Doctor Valentina Lorenzetti (Monash University)</p> <p>CIC - Associate Professor Antonio Verdejo-Garcia (Monash University)</p> <p>CID - Professor Jan Copeland (University of New South Wales)</p>	Characterising neurobiological abnormalities in cannabis use disorders	The University of Wollongong	\$731,571.20

APP1130141	<p>CIA - Professor Perry Bartlett (The University of Queensland) CIB - Doctor Fatma Nasrallah (The University of Queensland) CIC - Doctor Daniel Blackmore (The University of Queensland)</p>	<p>Exercise reverses cognitive decline in aged animals by growth hormone stimulation of neurogenesis in the hippocampus</p>	<p>The University of Queensland</p>	<p>\$696,409.00</p>
APP1130168	<p>CIA - Professor Ryan Lister (University of Western Australia) CIB - Associate Professor Jose Polo (Monash University) CIC - Professor Ernst Wolvetang (The University of Queensland) CID - Associate Professor Julian Heng (Harry Perkins Institute of Medical Research)</p>	<p>Leveraging genomics strategies to generate adult neurons from iPSCs and somatic cells</p>	<p>University of Western Australia</p>	<p>\$1,593,336.30</p>
APP1130192	<p>CIA - Associate Professor James Fraser (The University of Queensland) CIB - Doctor Benjamin Schulz (The University of Queensland)</p>	<p>Microevolution of <i>Cryptococcus neoformans</i></p>	<p>The University of Queensland</p>	<p>\$774,622.00</p>

APP1130212	<p>CIA - Associate Professor Pilar Blancafort (University of Western Australia)</p> <p>CIB - Associate Professor Andrew Redfern (University of Western Australia)</p> <p>CIC - Assistant Professor Mohit Jain (University of California, San Diego, CA, USA)</p> <p>CID - Professor Christina Curtis (Stanford University, CA, USA)</p> <p>CIE - Doctor Andrew Woo (University of Western Australia)</p>	Characterisation of a new subtype of aggressive breast cancer	University of Western Australia	\$763,152.00
APP1130215	<p>CIA - Professor Kathryn North (Murdoch Childrens Research Institute)</p> <p>CIB - Doctor Paul Gregorevic (Baker IDI Heart and Diabetes Institute Holdings Limited)</p> <p>CIC - Doctor Jane Seto (Murdoch Childrens Research Institute)</p>	The effects of ACTN3 R577X on muscle wasting and repair, and response to therapy	Murdoch Childrens Research Institute	\$1,066,053.60

APP1130222	<p>CIA - Doctor Shane Grey (The Garvan Institute of Medical Research)</p> <p>CIB - Doctor Esteban Gurzov (St Vincent's Institute of Medical Research)</p> <p>CIC - Doctor Daniel Hesselson (The Garvan Institute of Medical Research)</p>	Genetic control of islet inflammation in diabetes	The Garvan Institute of Medical Research	\$730,793.00
APP1130247	CIA - Doctor Kazu Kikuchi (Victor Chang Cardiac Research Institute Limited)	Tissue-dependent proregenerative mechanisms in adult vertebrates	Victor Chang Cardiac Research Institute Limited	\$638,742.00
APP1130251	<p>CIA - Associate Professor Parisa Aslani (University of Sydney)</p> <p>CIB - Associate Professor Michael Kohn (University of Sydney)</p> <p>CIC - Associate Professor Natalie Silove (Children's Medical Research Institute)</p> <p>CID - Associate Professor Patrick Kelly (University of Sydney)</p> <p>CIE - Associate Professor Simon Clarke (University of Sydney)</p>	Asking the right questions about attention-deficit hyperactivity disorder in children: a cluster randomized controlled trial	University of Sydney	\$484,930.00

<p>APP1130255</p>	<p>CIA - Doctor David Simmons (The University of Queensland) CIB - Professor Leonie Callaway (The University of Queensland) CIC - Doctor Marloes Dekker (The University of Queensland) CID - Doctor Dominic Ng (The University of Queensland)</p>	<p>Trophoblast cell-cell fusion in preeclampsia</p>	<p>The University of Queensland</p>	<p>\$487,273.00</p>
<p>APP1130273</p>	<p>CIA - Associate Professor Ingrid Winkler (The University of Queensland) CIB - Professor Jean-Pierre Levesque (The University of Queensland)</p>	<p>Mechanisms by which endothelial selectins regulate normal and malignant stem cell fate</p>	<p>The University of Queensland</p>	<p>\$708,742.00</p>
<p>APP1130280</p>	<p>CIA - Associate Professor Luke Henderson (University of Sydney) CIB - Professor Greg Murray (University of Sydney) CIC - Christopher Peck (University of Sydney)</p>	<p>Chronic pain: how and why does it develop?</p>	<p>University of Sydney</p>	<p>\$1,035,927.50</p>

APP1130281	<p>CIA - Associate Professor Kei Lui (University of New South Wales)</p> <p>CIB - Professor Martin Kluckow (Royal North Shore Hospital)</p> <p>CIC - Professor Brian Darlow (University of Otago, New Zealand)</p> <p>CID - Doctor Paolo Manzoni (Sant'Anna Hospital, Italy)</p> <p>CIE - Ms Adrienne Kirby (University of Sydney)</p> <p>CIF - Professor Neil Marlow (University College London (UCL))</p> <p>CIG - Associate Professor David Osborn (University of Sydney)</p>	<p>Does bovine lactoferrin prevent death or disability in very low birthweight infants? Childhood follow up in the NHMRC LIFT study</p>	<p>University of New South Wales</p>	<p>\$1,474,012.20</p>
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APP1130301	<p>CIA - Doctor Laurens Manning (University of Western Australia) CIB - Professor Timothy Davis (University of Western Australia) CIC - Doctor Brioni Moore (University of Western Australia) CID - Doctor Moses Laman (Papua New Guinea Institute of Medical Research, Goroka, Papua New Guinea) CIE - Professor Kevin Batty (Curtin University of Technology) CIF - Doctor Sam Salman (University of Western Australia) CIG - Doctor Leanne Robinson (The Walter and Eliza Hall Institute of Medical Research)</p>	Enhancing clinical management of paediatric malaria in endemic areas with transmission of multiple Plasmodium species	University of Western Australia	\$867,510.60
APP1130338	<p>CIA - Associate Professor Paul Anderson (University of South Australia) CIB - Professor Rene St-Arnaud (McGill University, Canada) CIC - Professor Gerald Atkins (The University of Adelaide) CID - Professor Howard Morris (University of South Australia)</p>	Does enhanced vitamin D activity in bone heal the skeleton in disorders of FGF23 excess?	University of South Australia	\$855,924.50

APP1130353	<p>CIA - Associate Professor Andre La Gerche (Baker IDI Heart and Diabetes Institute Holdings Limited)</p> <p>CIB - Professor Jonathan Kalman (University of Melbourne)</p> <p>CIC - Professor Prashanthan Sanders (The University of Adelaide)</p>	Atrial remodelling and risk of arrhythmias in endurance athletes	Baker IDI Heart and Diabetes Institute Holdings Limited	\$1,006,750.40
APP1130364	<p>CIA - Associate Professor Rebecca Robker (The University of Adelaide)</p> <p>CIB - Associate Professor Hilda Pickett (Children's Medical Research Institute)</p> <p>CIC - Associate Professor Darryl Russell (The University of Adelaide)</p> <p>CID - Professor John Carroll (Monash University)</p>	Re-energising the preimplantation embryo to extend lifetime health	The University of Adelaide	\$1,156,936.30

APP1130423	CIA - Professor Helen Rizos (Macquarie University) CIB - Professor Georgina Long (University of Sydney) CIC - Professor Barbara Fazekas de St Groth (Centenary Institute of Cancer Medicine and Cell Biology) CID - Doctor Alexander Menzies (University of Sydney)	Determinants of response to immune checkpoint inhibitors in melanoma	Macquarie University	\$1,021,486.50
APP1130455	CIA - Doctor Mark Davies (University of Melbourne)	Interrogation of streptococcal genomic epidemiology within disease endemic regions	University of Melbourne	\$325,896.40

APP1130468	<p>CIA - Professor Mark Cook (University of Melbourne)</p> <p>CIB - Professor David Grayden (University of Melbourne)</p> <p>CIC - Doctor Levin Kuhlmann (Swinburne University of Technology)</p> <p>CID - Doctor Dean Freestone (University of Melbourne)</p> <p>CIE - Associate Professor Wendyl D'Souza (University of Melbourne)</p> <p>CIF - Professor Anthony Burkitt (University of Melbourne)</p>	Critical slowing in epilepsy	University of Melbourne	\$474,948.00
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APP1130469	<p>CIA - Professor Peter Greer (The University of Newcastle)</p> <p>CIB - Professor Richard Middleton (The University of Newcastle)</p> <p>CIC - Associate Professor Jarad Martin (The University of Newcastle)</p> <p>CID - Doctor Jeremy Booth (Royal North Shore Hospital)</p> <p>CIE - Doctor Boyd McCurdy (Cancer Care Manitoba)</p> <p>CIF - Doctor Dale Lovelock (Memorial Sloan Kettering Cancer Centre, NY, USA)</p> <p>CIG - Associate Professor Andrew Kneebone (Royal North Shore Hospital)</p>	Improving patient safety in radiation therapy with the Watchdog real-time treatment delivery verification system	The University of Newcastle	\$593,742.00
APP1130512	<p>CIA - Professor Anthony Cunningham (The Westmead Institute for Medical Research)</p> <p>CIB - Doctor Russell Diefenbach (The Westmead Institute for Medical Research)</p> <p>CIC - Doctor Monica Miranda Saksena (The Westmead Institute for Medical Research)</p>	Defining the mechanism of assembly of herpes simplex virus in the neuronal growth cone and its subsequent exit to epithelial cells	University of Sydney	\$774,624.00

APP1130609	<p>CIA - Professor Stuart Grieve (University of Sydney)</p> <p>CIB - Doctor Jerome Maller (Monash University)</p> <p>CIC - Professor Jeffrey Rosenfeld (Monash University)</p> <p>CID - Professor Russell Gruen (Nanyang Technological University)</p> <p>CIE - Professor Ma-Li Wong (South Australian Health and Medical Research Institute Limited)</p> <p>CIF - Professor Gary Browne (The Children's Hospital at Westmead)</p> <p>CIG - Associate Professor Michael Dinh (Sydney Local Health District)</p> <p>CIH - Doctor Ajit Shankaranarayanan (General Electric)</p>	<p>“The Aftershock” – understanding the impact of traumatic brain injury on depression and emotional regulation</p>	University of Sydney	\$678,771.20
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APP1130610	<p>CIA - Professor Stuart Grieve (University of Sydney)</p> <p>CIB - Professor Paul Bannon (Royal Prince Alfred Hospital, Camperdown NSW)</p> <p>CIC - Professor Richmond Jeremy (University of Sydney)</p> <p>CID - Professor Jennifer Gamble (Centenary Institute of Cancer Medicine and Cell Biology)</p> <p>CIE - Associate Professor Brett Hambly (University of Sydney)</p> <p>CIF - Professor David Fletcher (University of Sydney)</p> <p>CIG - Doctor Renjing Liu (Centenary Institute of Cancer Medicine and Cell Biology)</p>	“Beyond the tape measure” - measuring the impact of abnormal flow dynamics on dilation of the ascending aorta	University of Sydney	\$723,771.20
APP1130716	CIA - Doctor Tomas Ryan (Florey Institute of Neuroscience and Mental Health)	Memory storage by engram cell connectivity	Florey Institute of Neuroscience and Mental Health	\$796,272.00
APP1130734	<p>CIA - Doctor Lachlan Thompson (Florey Institute of Neuroscience and Mental Health)</p> <p>CIB - Professor Jun Takahashi (Kyoto University)</p> <p>CIC - Associate Professor Malin Parmar (Lund University, Sweden)</p>	Pre-clinical steps towards a stem cell therapy for Parkinson's disease	Florey Institute of Neuroscience and Mental Health	\$1,179,594.00