



Australian Government
National Health and Medical Research Council



Ideas Grant Applications Recommended for Funding Commencing in 2021

About the Scheme

The objective of the Ideas Grant scheme is to support innovative research projects addressing a specific question(s).

The expected outcomes are:

- innovative and creative research
- funding of researchers at all career stages, and
- funding any area of health and medical research from discovery to implementation.

The scheme provides particular opportunities for early and mid-career researchers, and it is expected that the Chief Investigator A will have the scientific leadership and skills to achieve the proposed project aims.

The 2020 Ideas Grants funding round (for funding commencing in 2021) opened on 11 March 2020. The application period was extended by six weeks in response to the changed professional demands, additional caring responsibilities and other disruptions caused by the COVID-19 pandemic. The round closed on 17 June 2020 with 2995 applications received.

The applications listed in the following table was approved for funding by the Minister for Health, the Hon. Greg Hunt MP. They are listed in application identification number (App ID) order:

App ID	Chief Investigator Name(s)	Application Title	Administering Institution	Budget
APP2000435	CIA - Doctor Mehfuz Zaman CIB - Associate Professor Victor Huber	Vaccine to prevent Influenza Virus and Bacterial super-infection	Griffith University	\$707,717.00
APP2000443	CIA - Professor Kwun Fong CIB - Associate Professor Zarnie Lwin	Early lung cancer biomarkers	The University of Queensland	\$754,893.20
APP2000461	CIA - Professor Stephen Nutt	Programming dendritic cell differentiation	The Walter and Eliza Hall Institute of Medical Research	\$1,093,314.80
APP2000465	CIA - Professor Julianne Coffin CIB - Professor Donna Cross CIC - Professor Helen Milroy CID - Professor Cheryl Kickett-Tucker CIE - Mr Rob McPhee CIF - Ms Lesley Nelson CIG - Mr John Jacky CIH - Abby-Rose Cox	Working with horses to promote the wellbeing of Aboriginal youth: An experiential learning approach for the Kimberley	University of Western Australia	\$2,516,797.40
APP2000483	CIA - Doctor Malcolm Starkey CIB - Doctor Aniruddh Deshpande	Therapeutic targeting of interleukin-22 for severe paediatric urinary tract infection and associated renal complications	Monash University	\$997,139.00
APP2000485	CIA - Professor Elizabeth Gardiner CIB - Doctor Woei Ming Lee CIC - Associate Professor Robert Andrews CID - Pierre Mangin	Understanding and controlling thrombus formation	Australian National University	\$896,888.31
APP2000512	CIA - Doctor Linda Wakim	Identifying the correlates of protective immunity against invasive <i>Staphylococcus aureus</i> infection	University of Melbourne	\$954,131.00
APP2000513	CIA - Doctor Linda Wakim	Dendritic cells govern the balance between immunity and homeostasis to inhaled antigen	University of Melbourne	\$816,131.00

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APP2000517	CIA - Associate Professor Ethan Goddard-Borger CIB - Doctor Cody Allison CIC - Professor Spencer Williams	Repurposing and re-optimising drugs that disrupt glycoprotein folding to treat COVID-19	The Walter and Eliza Hall Institute of Medical Research	\$1,199,873.50
APP2000615	CIA - Professor Richard Harvey	Crossing a frontier in cardiac fibrosis: a single-cell multi-omics approach to understanding fibroblast agency in models of heart disease	University of New South Wales	\$1,199,253.80
APP2000617	CIA - Professor Herbert Herzog	Feeding behaviour and obesity development: Identification of novel intervention points	University of New South Wales	\$923,668.00
APP2000637	CIA - Doctor Sonia Shah CIB - Professor Ian Wong	Identifying unintentional effects of medication using statistical genetics analyses of large-scale genetic and genomic data	The University of Queensland	\$251,441.00
APP2000647	CIA - Professor Yin Xiao CIB - Professor Chengtie Wu	Smart bone healing gel	Queensland University of Technology	\$866,728.00
APP2000660	CIA - Professor Thomas Fath CIB - Doctor Janet van Eersel CIC - Doctor Magdalena Przybyla	Unraveling the molecular mechanism of tau spread in Alzheimer's disease	Macquarie University	\$1,252,244.00
APP2000661	CIA - Professor Anthony Hannan CIB - Doctor Shiraz Tyebji CIC - Doctor Carina Bodden	Intergenerational impacts of paternal immune activation on brain function and dysfunction	University of Melbourne	\$997,689.50
APP2000669	CIA - Professor Erica Fletcher CIB - Doctor Andrew Jobling	Targeting neurovascular communication as a novel way of reducing vision loss in diabetes	University of Melbourne	\$986,663.00
APP2000683	CIA - Associate Professor Justine Mintern	Identifying molecular machinery in dendritic cells	University of Melbourne	\$687,500.00

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APP2000701	CIA - Doctor Samuel Forster CIB - Doctor Nicole Kellow CIC - Doctor Marina Iacovou	Should you be eating that? Food-derived bacteria and their role in treating disease	Monash University	\$1,405,181.60
APP2000723	CIA - Professor Justin St. John	Understanding the benefits and limitations of Metaphase II Spindle Transfer	The University of Adelaide	\$1,629,373.00
APP2000728	CIA - Doctor Ruby Law CIB - Associate Professor Michelle Dunstone CIC - Associate Professor Alex de Marco CID - Professor Bryan Morgan	Developing new immunotherapeutics through studying immune effectors in situ	Monash University	\$1,369,054.00
APP2000732	CIA - Associate Professor Tu'uhevaha Kaitu'u-Lino CIB - Professor Susan Walker CIC - Doctor Teresa MacDonald	Developing a Screening Test to Identify Women at Risk of Preeclampsia	University of Melbourne	\$1,119,284.00
APP2000766	CIA - Professor Roger Pocock CIB - Doctor Ava Handley	Neuronal Regulation of Systemic Mitochondrial Stress	Monash University	\$865,605.00
APP2000773	CIA - Associate Professor Menno van Zelm CIB - Professor Robyn O'Hehir CIC - Doctor Bruce Wines CID - Associate Professor Mark Hew	Molecular dissection of allergen sensitisation and immunotherapy: direct application to precision medicine in treatment of asthma	Monash University	\$1,270,097.40
APP2000774	CIA - Professor Helena Parkington CIB - Doctor Penelope Sheehan	Mechanisms underlying the generation of spontaneous contractions in human uterine muscle: Potential therapeutic target for dysfunctional labour	Monash University	\$496,901.20

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APP2000779	CIA - Professor Richard Kanaan CIB - Professor David Castle CIC - Associate Professor James Olver CID - Doctor Graeme O'Keefe CIE - Professor Sarah Wilson CIF - Doctor Mahesh Jayaram	Characterising the Muscarinic Receptor Deficit in Schizophrenia	University of Melbourne	\$476,543.32
APP2000786	CIA - Professor Richard Kanaan CIB - Associate Professor James Olver CIC - Doctor Graeme O'Keefe CID - Toby Winton-Brown CIE - Doctor James Allebone	Cerebral blood flow during psychogenic non-epileptic seizures	University of Melbourne	\$397,322.15
APP2000855	CIA - Doctor Rebecca Poulos	Accelerating paediatric cancer precision medicine with mass spectrometry-based proteomics	University of Sydney	\$79,041.00
APP2000893	CIA - Doctor Rachel Hill	ARX- A hub gene for a common biological pathway in schizophrenia	Monash University	\$707,974.00
APP2000905	CIA - Doctor Jessica Grieger CIB - Professor Gustaaf Dekker CIC - Doctor Thomas Wycherley CID - Doctor Scott Hanson-Easey CIE - Doctor Clare Hume CIF - Nahal Habibi	Personalised nutrition to revolutionise gestational diabetes prevention	The University of Adelaide	\$854,007.60
APP2000934	CIA - Associate Professor Isabelle Rouiller CIB - Rikard Blunck CIC - Doctor Ashish Sethi	Structure and mechanism of activation of the mechanosensitive ion channel TACAN	University of Melbourne	\$997,536.70
APP2000937	CIA - Doctor Thomas Cox	The collagen-rich matrix as a driver of breast cancer progression and resistance to therapy	University of New South Wales	\$702,230.00

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APP2000952	CIA - Professor Kelsey Hegarty CIB - Doctor Laura Tarzia CIC - Professor Cathy Humphreys CID - Professor Elizabeth Murray CIE - Doctor Mohajer Hameed CIF - Professor Gene Feder	BETTER MAN Project: Tailored early online intervention for men using intimate partner violence	University of Melbourne	\$506,201.70
APP2000968	CIA - Doctor Rebecca Nisbet	Development of an intracellular tau-specific antibody therapeutic for the treatment of Alzheimer's disease	University of Melbourne	\$410,378.00
APP2001010	CIA - Doctor Nicola Lee CIB - Doctor Yue Qi	Central leptin control of energy partitioning	University of New South Wales	\$684,993.00
APP2001024	CIA - Professor Helen Cooper CIB - Doctor Belal Shohayeb	Identifying an autism gene network governing stem cell division, neurogenesis and cortical malformation	The University of Queensland	\$1,003,589.00
APP2001027	CIA - Professor Ross Bathgate CIB - Professor Paul Gooley CIC - Doctor Christopher Draper-Joyce	Relaxin receptor structural determination to aid therapeutic development	University of Melbourne	\$1,249,114.00
APP2001066	CIA - Associate Professor Alex de Marco CIB - Professor Adrian Neild CIC - Doctor Ralf Schittenhelm	Developing high throughput single cell proteomics	Monash University	\$1,271,854.00
APP2001073	CIA - Doctor Paul Gilson CIB - Doctor William Nguyen	Development of novel anti-malaria drugs that block parasite invasion	Burnet Institute	\$1,035,623.10

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APP2001083	CIA - Doctor Sarah Auburn CIB - Doctor Sasha Siegel CIC - Doctor Jutta Marfurt CID - Associate Professor Olivo Miotto CIE - Professor Qi Gao CIF - Associate Professor Yaobao Liu CIG - Professor Jun Cao CIH - Professor Duoquan Wang	Novel genetic tools for tracking the origins and spread of <i>Plasmodium vivax</i>	Menzies School of Health Research	\$536,157.90
APP2001090	CIA - Professor John Mamo CIB - Doctor Virginie Lam CIC - Professor Gerald Watts CID - Professor Leon Flicker CIE - Doctor Hani Al-Salami CIF - Associate Professor Roger Clarnette	The interactive effects of dietary saturated fat and apolipoprotein-E genotype on peripheral metabolism of lipoprotein-amyloid and neurovascular integrity	Curtin University	\$637,535.60
APP2001098	CIA - Professor Vanessa Hayes CIB - Professor Riana Bornman	Mutational signatures of DDT: The role of a controversial persistent endocrine disrupting pollutant on prostate cancer aetiology	University of Sydney	\$991,000.00
APP2001107	CIA - Professor Daniel Fatovich CIB - Doctor Jessamine Soderstrom CIC - Professor Andrew Dawson CID - Associate Professor Sam Alfred CIE - Associate Professor Shaun Greene CIF - Doctor Katherine Isoardi CIG - Doctor Laura Pulbrook CIH - Doctor David McCutcheon CII - Doctor Francois Oosthuizen CIJ - Professor Nadine Ezard	Emerging Drugs Network of Australia: a coordinated toxicosurveillance system of illicit drug use in Australia to enable rapid detection and harm reduction responses via an Early Warning System	University of Western Australia	\$3,722,730.80

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APP2001112	CIA - Professor John Carroll CIB - Professor Jeffrey Mann CIC - Professor Mary Herbert CID - Associate Professor Deirdre Zander-Fox	Mitigating the risks of mitochondrial donation	Monash University	\$1,063,748.00
APP2001120	CIA - Professor Ruth Ganss CIB - Doctor Anna Johansson-Percival CIC - Doctor Louise Winteringham CID - Doctor Jiulia Satiaputra	Therapeutic induction of tertiary lymph nodes in cancer	University of Western Australia	\$995,010.00
APP2001128	CIA - Associate Professor Simon McMullan CIB - Doctor Cara Hildreth CIC - Doctor Peter Burke	Innate threat detection circuits in the superior colliculus co-ordinate respiratory and cardiovascular responses to visual stimuli	Macquarie University	\$517,958.00
APP2001131	CIA - Associate Professor Rhys Allan CIB - Professor Gordon Smyth	Organisation of the genome during the development of antibody-secreting cells	The Walter and Eliza Hall Institute of Medical Research	\$886,154.50
APP2001173	CIA - Professor Marcia Langton CIB - Doctor Kristen Smith CIC - Doctor Sharon Huebner CID - Doctor James Rose CIE - Emeritus Professor Glenn Bowes CIF - Associate Professor Helen Jordan	Improving understandings of and responses to alcohol-related family violence for Aboriginal people	University of Melbourne	\$1,294,734.80
APP2001201	CIA - Doctor Gemma Kelly CIB - Professor Gordon Smyth	Defining the genes that dictate the cellular response to tumour protein TP53 activation	The Walter and Eliza Hall Institute of Medical Research	\$784,895.90
APP2001203	CIA - Doctor Phillip Melton CIB - Professor Eric Moses CIC - Professor John Blangero	Epigenetic Biomarker Discovery for Cardiovascular Disease Risk Stratification of Women Following Preeclampsia	University of Tasmania	\$1,275,101.00

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APP2001210	CIA - Doctor Freda Jen CIB - Doctor Milton Kiefel	Targeting a bacterial glyco-Achilles heel to make new vaccines for <i>Haemophilus influenzae</i> and <i>Neisseria gonorrhoeae</i>	Griffith University	\$526,949.60
APP2001218	CIA - Professor David Forbes CIB - Doctor Olivia Metcalf CIC - Doctor Sean Cowlshaw CID - Doctor Tracey Varker CIE - Doctor Mark Hinton CIF - Professor Susan Murphy CIG - Doctor Tianchen Qian CIH - Doctor Karen Lamb	Developing a Just-In-Time-Adaptive-Intervention for problem anger	University of Melbourne	\$690,123.60
APP2001233	CIA - Professor Peter Currie CIB - Doctor Jean Tan	Harnessing macrophage-derived cytokine signalling in skeletal muscle regeneration	Monash University	\$991,926.00
APP2001234	CIA - Doctor Tracey Sletten CIB - Professor Shanthakumar Wilson Rajaratnam CIC - Professor Steven Lockley CID - Doctor Svetlana Postnova CIE - Associate Professor Mark Howard CIF - Doctor Elise R. Facer-Childs	Understanding the role of light exposure in individual differences in the circadian response to shift work	Monash University	\$803,672.40
APP2001262	CIA - Doctor Andreas Kupz	A rationally designed vaccine for tuberculosis	James Cook University	\$1,371,593.00
APP2001271	CIA - Doctor Mark Larance CIB - Associate Professor Samantha Hocking	Characterisation of erusiolin - a new peptide hormone	University of Sydney	\$547,201.60

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APP2001278	CIA - Associate Professor Mohammed Hossain CIB - Professor Chrishan Samuel CIC - Doctor Nicholas Welch CID - Doctor Anita Pinar CIE - Doctor Helmut Thissen	Developing novel peptide-based therapeutics and technologies to mitigate fibrosis	University of Melbourne	\$1,161,383.00
APP2001283	CIA - Associate Professor Luca Cocchi CIB - Doctor Paula Sanz-Leon	Uncovering the neural mechanisms of obsessive-compulsive disorder using brain modelling	The Council of the Queensland Institute of Medical Research	\$581,628.00
APP2001284	CIA - Doctor Hayley Bullen CIB - Doctor Trent Ashton	Discovering how a novel anti-malarial drug series rapidly kills parasites	Burnet Institute	\$672,971.30
APP2001296	CIA - Professor Andrew Perkins	Gene editing to cure sickle cell disease	Monash University	\$825,864.00
APP2001315	CIA - Associate Professor Natasha Rogers CIB - Doctor Ellis Patrick CIC - Professor Henry Pleass CID - Associate Professor Jerome Laurence CIE - Associate Professor Kate Wyburn	Improving Kidney Transplant Outcomes Using Normothermic Machine Perfusion	University of Sydney	\$778,231.50
APP2001320	CIA - Professor Victor Villemagne CIB - Associate Professor Simon Laws CIC - Doctor Samantha Burnham CID - Doctor Vincent Dore	Imaging, fluid and genetic markers of Alzheimer's disease	Edith Cowan University	\$1,519,004.00
APP2001325	CIA - Doctor Kim Maree O'Sullivan CIB - Professor Stephen Holdsworth	Unravelling NET confusion in Vasculitis	Monash University	\$1,044,052.30
APP2001346	CIA - Doctor Brendon Chua CIB - Professor Paul Thomas	Oleoyl-ACP-hydrolase as an early predictive biomarker for severe and fatal influenza	University of Melbourne	\$866,806.50

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APP2001379	CIA - Professor Marcus Stoodley CIB - Doctor Lucinda McRobb	Preventing stroke from arteriovenous malformations using precision thrombosis	Macquarie University	\$993,866.00
APP2001385	CIA - Associate Professor Wai-Hong Tham	Blocking malaria transmission and infection	The Walter and Eliza Hall Institute of Medical Research	\$1,243,720.00
APP2001396	CIA - Associate Professor Fiona Simpson CIB - Doctor James Wells CIC - Professor Benedict Panizza	The Ins and Outs of Endocytosis inhibition: Providing diverse opportunities for treatment of incurable cancers	The University of Queensland	\$912,353.00
APP2001406	CIA - Associate Professor Peter Czabotar CIB - Mrs Enrica Bordignon CIC - Doctor Richard Birkinshaw	Understanding the role of lipid in membrane permeabilization by the Bcl-2 family executioner proteins	The Walter and Eliza Hall Institute of Medical Research	\$626,523.50
APP2001408	CIA - Doctor Julio Aguado Perez CIB - Doctor Noa Lamm-Shalem	Ataxia-Telangiectasia: An emerging role for inflammation in driving neurodegeneration and premature ageing	The University of Queensland	\$437,436.00
APP2001431	CIA - Professor Mark Schembri CIB - Doctor Minh Duy Phan CIC - Doctor Nhu Nguyen	How a multidrug resistant bacterial pathogen has become pandemic	The University of Queensland	\$1,116,544.25
APP2001513	CIA - Associate Professor Paul Lockhart CIB - Professor Martin Delatycki	Repeat expansions in neurological disease: discovery, interpretation and enhanced diagnostics	Murdoch Children's Research Institute	\$889,936.85
APP2001514	CIA - Doctor Quan Nguyen CIB - Doctor Laura Genovesi CIC - Professor Brandon Wainwright CID - Associate Professor Marc Ruitenber	Identification of therapy-resistant cells driving relapse in Medulloblastoma from integrated spatial transcriptomics and tissue imaging	The University of Queensland	\$749,272.00

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APP2001536	CIA - Doctor Wendy Gold CIB - Associate Professor Carolyn Ellaway	Developing exon replacement gene therapy to cure Rett syndrome: an innovative model for neurodevelopmental disorders	University of Sydney	\$475,105.00
APP2001541	CIA - Associate Professor Peter Psaltis	Defining a new player in atherosclerosis: The role of Adventitial Haemangioblasts as an "outside-in" driver of plaque growth and stability	The University of Adelaide	\$728,004.50
APP2001543	CIA - Doctor Markus Hofer CIB - Doctor David Hunt CIC - Emeritus Professor Iain Campbell	Vascular changes are a key contributor to and novel drug target for interferon-alpha induced neurological disease	University of Sydney	\$1,245,401.00
APP2001572	CIA - Associate Professor Yazi Ke CIB - Doctor Annika van Hummel CIC - Doctor Alexandra Daryl Ariawan	Targeting pathogenic TAR DNA-binding protein 43 to treat frontotemporal dementia and motor neuron disease	Macquarie University	\$687,444.00
APP2001646	CIA - Doctor Jiawen Li CIB - Assistant Professor Johan Verjans CIC - Professor Robert McLaughlin	Serial imaging of molecular and microstructural changes in atherosclerosis: tracking plaques towards destabilisation	The University of Adelaide	\$992,112.20
APP2001653	CIA - Associate Professor Sylvia Gustin CIB - Professor Chin-Teng Lin CIC - Associate Professor Toby Newton-John CID - Professor Paul Glare CIE - Professor Mark Jensen CIF - Doctor Negin Hesam-Shariati	NeuroGame: Can neuromodulation of brain rhythms relieve chronic pain?	University of New South Wales	\$1,568,407.00

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APP2001675	CIA - Doctor Samantha Barton CIB - Doctor David Gonsalvez	Are Oligodendrocytes the Missing Link in Amyotrophic Lateral Sclerosis Pathogenesis?	University of Melbourne	\$1,054,405.00
APP2001689	CIA - Professor Karol Miller CIB - Professor Toby Richards CIC - Professor Paul Maria Parizel CID - Professor Adam Wittek CIE - Doctor Nicola Gray CIF - Doctor Luke Whiley CIG - Associate Professor Jens Ritter	Biomechanics meets Phenomics: Towards understanding and predicting abdominal aortic aneurysm (AAA) disease progression	University of Western Australia	\$1,324,897.40
APP2001692	CIA - Associate Professor Mohammed Eslam CIB - Professor Christopher Liddle CIC - Professor Detlef Schuppan	Targeting the crosstalk between metabolism and epigenetics to treat liver fibrosis	University of Sydney	\$1,032,259.00
APP2001719	CIA - Doctor Ian Parish	Repurposing thalidomide derivatives to augment cancer immunotherapy	University of Melbourne	\$1,154,195.50
APP2001722	CIA - Doctor Claire Foldi	Motivation for starvation: understanding the neurobiology of anorexia nervosa	Monash University	\$773,142.00
APP2001729	CIA - Professor Juha Toyras CIB - Doctor Philip Terrill CIC - Doctor Timo Leppänen CID - Doctor Scott Sands CIE - Professor Simon Smith CIF - Doctor Dimitri Perrin CIG - Doctor Simon Joosten	Deep learning and physiology based approach to derive and link obstructive sleep apnoea phenotypes and symptomatology	The University of Queensland	\$402,978.00

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APP2001734	CIA - Professor David Lloyd CIB - Professor Juha Toyras CIC - Doctor David Saxby CID - Doctor Laura Diamond CIE - Doctor Shekhar Chandra CIF - Associate Professor Craig Engstrom CIG - Associate Professor Adam Bryant CIH - Doctor Jurgen Fripp CII - Professor Rami Korhonen	Osteoarthritis compass: Predicting personalized disease onset and progression with future capacity for clinical use	Griffith University	\$860,231.00
APP2001767	CIA - Doctor Michelle Bovill CIB - Doctor Jamie Bryant CIC - Professor Maggie Walter CID - Associate Professor Peter O'Mara CIE - Doctor Breanne Hobden	Yindymarra (to honour, respect) Aboriginal experiences in the conduct of health research: the development of practical recommendations to enhance the uptake of ethical research guidelines	The University of Newcastle	\$1,015,165.60
APP2001817	CIA - Doctor John Scott CIB - Professor Andrew Gundlach CIC - Professor Gregory Steinberg	Validating CaMKK2 as a Rational Treatment Target for Bipolar Disorder	St Vincent's Institute of Medical Research	\$688,175.00
APP2001907	CIA - Professor Suresh Sundram	Betacellulin: defining a novel sub-type in schizophrenia	Monash University	\$907,515.00
APP2001949	CIA - Professor John Miles CIB - Doctor Paul Giacomini CIC - Associate Professor Jason Mulvenna	Determining immune dynamics during controlled primary infection in humans	James Cook University	\$579,822.50
APP2002084	CIA - Doctor Alberto Rosello Diez CIB - Doctor Chee Ho Hng	Identification of novel mediators of bone catch-up growth	Monash University	\$1,043,809.80

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APP2002129	CIA - Doctor Alison Care CIB - Professor Laura Parry CIC - Doctor Lachlan Moldenhauer	A novel interaction between the immune and vascular systems in early-onset preeclampsia; an opportunity for new treatments?	The University of Adelaide	\$921,622.52
APP2002135	CIA - Doctor Nathan Stevenson CIB - Doctor Michaela Waak CIC - Professor Sampsa Vanhatalo	Functional brain age measurement in children and adolescents	The Council of the Queensland Institute of Medical Research	\$700,433.00
APP2002141	CIA - Professor Jonathan Hirst CIB - Doctor Julia Shaw CIC - Doctor Hannah Palliser	Neonatal therapy for improving myelination and long term outcome following preterm birth	The University of Newcastle	\$799,883.00
APP2002142	CIA - Doctor Renjing Liu CIB - Doctor Renhua Song	Epigenetic reprogramming of calcified vascular smooth muscle cells as a treatment for vascular calcification	University of New South Wales	\$1,285,195.00
APP2002156	CIA - Professor Dena Lyras CIB - Doctor Yogitha Srikhanta CIC - Doctor Milena Awad CID - Doctor Melanie Hutton	The role of host proteases in modulating enteric infectious disease	Monash University	\$1,267,155.00
APP2002182	CIA - Associate Professor Kate Seib CIB - Doctor Caroline Thng	Gonococcal vaccine development guided by a cross-protective meningococcal vaccine	Griffith University	\$826,490.00
APP2002193	CIA - Associate Professor Suzanne Nielsen CIB - Professor Simon Bell CIC - Professor Grant Russell CID - Samanta Lalic CIE - Doctor Paul Sanfilippo CIF - Georgia Richards	Enabling evidence-informed policy to address Australia's opioid crisis	Monash University	\$607,538.10

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APP2002234	CIA - Doctor Melanie Nichols CIB - Associate Professor Kathryn Backholer CIC - Professor Boyd Swinburn CID - Doctor Victoria Brown CIE - Doctor Thin Nguyen CIF - Professor Christina Economos	PRECIS: PReCISION Evidence for Childhood obesity prevention InterventionS	Deakin University	\$1,280,254.10
APP2002239	CIA - Doctor Riccardo Natoli CIB - Doctor Joshua Chu-Tan CIC - Associate Professor Nigel Barnett CID - Doctor Ulrike Schumann CIE - Assistant Professor Stefanie Wohl	Investigating microRNAs as key regulators in a novel communication pathway driving retinal degeneration	Australian National University	\$1,189,692.00
APP2002254	CIA - Professor Brant Gibson CIB - Professor Robert McLaughlin CIC - Doctor Asma Khalid CID - Associate Professor Suzanne Rea	Next-generation smart wound dressings for real-time, non-invasive monitoring of infection and neovascularisation in burns	RMIT University	\$899,877.00
APP2002265	CIA - Professor Gabrielle Belz	Coordinating neuroimmune sensory networks in health and disease	The University of Queensland	\$884,405.40
APP2002268	CIA - Doctor Jessica Howell CIB - Doctor Romesh Abeysuriya CIC - Associate Professor David Anderson CID - Doctor Purnima Bhat CIE - Doctor Minh Pham CIF - Ms Caroline van Gemert CIG - Associate Professor Joseph Doyle	Using novel point-of-care diagnostic tests and mathematical modelling to achieve hepatitis B elimination: The Rapid B Study	Burnet Institute	\$381,947.50

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APP2002282	CIA - Professor Nigel Lovell CIB - Professor Laura Poole-Warren CIC - Professor Francois Ladouceur CID - Doctor Amr Al Abed CIE - Doctor Dorna Esrafilzadeh	Re-engineering the Future of Electrophysiological Measurements and Brain-Machine Interfaces Using a Novel Multi-Optrode Array	University of New South Wales	\$731,557.00
APP2002310	CIA - Doctor Natalie Lister CIB - Ms Hiba Jebeile CIC - Professor Louise Baur CID - Emeritus Professor Susan Paxton CIE - Doctor Amy Ahern CIF - Associate Professor Sarah Garnett CIG - Professor Denise Wilfley	Bringing fields together: Identifying individuals at risk of eating disorders in weight management programs	University of Sydney	\$594,143.50
APP2002362	CIA - Professor Heidi Zeeman CIB - Doctor David Painter CIC - Professor Julie Bernhardt CID - Professor Elizabeth Kendall	Dimensional Attention MOdelling for Neglect Detection (DIAMOND): A novel application for brain injury	Griffith University	\$513,483.00
APP2002375	CIA - Doctor Anna Calkin CIB - Associate Professor Michael Inouye CIC - Doctor Adam Butterworth	An Integrative Approach to Define and Attenuate Genomic Risk of Coronary Artery Disease	Baker Heart and Diabetes Institute	\$988,453.50
APP2002393	CIA - Doctor Isaak Quast	Manipulating antibody production to maximise memory in vaccine responses	Monash University	\$1,084,424.00
APP2002426	CIA - Professor Vincent Harley CIB - Professor Eric Vilain	Improving the diagnosis of Disorders Sex Development (DSD)	Monash University	\$818,996.90
APP2002427	CIA - Doctor Garron Dodd CIB - Doctor Natalie Michael CIC - Doctor Edward Moh CID - Ms Yvette Wilson	Casting the Net: A New Approach to Identify Therapeutics to Treat Type-2 Diabetes	University of Melbourne	\$1,068,283.20

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APP2002454	CIA - Doctor Thomas Andrillon CIB - Associate Professor Tim Silk CIC - Doctor Jennifer Windt CID - Professor Giulio Tononi	The LAPSE study: Impact of Local Sleep in the ADHD brain	Monash University	\$621,112.75
APP2002472	CIA - Doctor Zhaoyu Li	Dissecting brain network ageing using whole brain imaging	The University of Queensland	\$692,964.00
APP2002507	CIA - Doctor Jennifer Zenker	Shedding light onto the structural secrets inside pluripotent stem cells in real-time	Monash University	\$555,890.00
APP2002510	CIA - Doctor Endre Szili CIB - Doctor Xanthe Strudwick	Plasma activated hydrogel therapy for combatting antimicrobial resistance in chronic wounds	University of South Australia	\$755,023.00
APP2002520	CIA - Professor Ana Traven CIB - Mr Ronen Ben-Ami	Immuno-metabolic interactions of the fungal superbug <i>Candida auris</i>	Monash University	\$674,105.00
APP2002523	CIA - Associate Professor Rachael Richardson CIB - Professor Michael Ibbotson	Hybrid optical-electrical stimulation for precise neural stimulation	University of Melbourne	\$935,578.80
APP2002547	CIA - Professor Benjamin Marsland CIB - Doctor Tomasz Wypych CIC - Ms Celine Pattaroni	Harnessing tyrosine metabolism to combat respiratory diseases	Monash University	\$866,467.00
APP2002560	CIA - Doctor Christina Spry CIB - Professor Kevin Saliba CIC - Doctor Leon Hugo	Spinosyns as endectocides for blocking transmission of malaria and other mosquito-borne diseases	Australian National University	\$758,298.60
APP2002565	CIA - Associate Professor Mark Douglas CIB - Doctor Thomas Tu CIC - Professor Thomas Berg CID - Professor Henry Lik Yuen Chan	Inhibiting host TM6SF2 to cure Hepatitis B	University of Sydney	\$684,841.00

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APP2002567	CIA - Doctor Shaun Gregory CIB - Professor Silvana Marasco CIC - Professor Sally McArthur CID - Doctor Josie Carberry CIE - Doctor Sam Liao	A suture-less cannula for rapid, off-bypass implantation of left ventricular assist devices	Monash University	\$816,491.00
APP2002576	CIA - Associate Professor Chamindie Punyadeera CIB - Professor Kirill Alexandrov CIC - Professor John Atherton CID - Professor Andrew Coats CIE - Professor Louise Cullen CIF - Doctor Goce Dimeski CIG - Doctor Xi Zhang	Biosensor based clinical-decision support for patients with heart failure	Queensland University of Technology	\$691,933.40
APP2002589	CIA - Doctor Marianne Gillam CIB - Doctor Marie-Therese Kelly CIC - Doctor Lewis Mitchell CID - Doctor Renly Lim CIE - Doctor Tyman Stanford	Improving the safety of implantable medical devices	University of South Australia	\$775,923.80
APP2002608	CIA - Doctor Timothy Sargeant CIB - Doctor Julien Bensalem	Autophagy increases with age and obesity to protect against cellular damage and age-related disease	The University of Adelaide	\$594,687.00
APP2002618	CIA - Doctor Gemma Kelly CIB - Doctor Charis Teh	Determining the molecular basis of therapy resistance conferred by genetic lesions in the tumour protein TP53 in haematological malignancies	The Walter and Eliza Hall Institute of Medical Research	\$885,183.10

App ID	Chief Investigator Name(s)	Application Title	Administering Institution	Budget
APP2002640	CIA - Doctor Gianina Ravenscroft CIB - Associate Professor Robert Bryson-Richardson CIC - Professor Nigel Laing CID - Professor Sandra Cooper CIE - Doctor Mark Davis CIF - Professor Monique Ryan CIG - Professor Phillipa Lamont CIH - Doctor Macarena Cabrera-Serrano	Novel genomic approaches to identify the missing genetics underlying skeletal muscle disease	University of Western Australia	\$1,935,964.90
APP2002648	CIA - Doctor Adrienne Withall CIB - Professor Peter Schofield CIC - Doctor Natasha Ginnivan CID - Doctor Ye In (Jane) Hwang	ASCAPE: Audio App-delivered Screening for Cognition and Age-related Health in Older Prisoners	University of New South Wales	\$844,049.95
APP2002660	CIA - Associate Professor Anthony Don CIB - Doctor Yanfei (Jacob) Qi	Targeting lipid signalling receptors to promote remyelination in multiple sclerosis	University of Sydney	\$925,906.80
APP2002663	CIA - Professor Tracey Dickson CIB - Doctor Ruth Musgrove CIC - Professor Michael Breadmore	Glia and the progression of Parkinson's disease: Bystanders or villains?	University of Tasmania	\$534,838.10
APP2002682	CIA - Doctor Lynette Beattie	Gamma Delta T cells: the fourth player in CD8 T cell immunity	University of Melbourne	\$1,020,776.80
APP2002686	CIA - Professor Si Ming Man	Inflammasome sensors and immune protection against tumorigenesis	Australian National University	\$750,109.50
APP2002689	CIA - Doctor Stuart McDonald CIB - Professor Biswadev Mitra CIC - Doctor Catherine Willmott	Serum neurofilament light as a biomarker to improve management of mild traumatic brain injuries	Monash University	\$1,092,781.00
APP2002694	CIA - Doctor Loic Yengo	Better statistical methods to discover host genetic factors in symptom response to SARS-CoV-2 infection	The University of Queensland	\$290,137.00

App ID	Chief Investigator Name(s)	Application Title	Administering Institution	Budget
APP2002707	CIA - Associate Professor Phoebe Phillips CIB - Associate Professor Joshua McCarroll CIC - Doctor George Sharbeen	Hijacking a death switch in pancreatic and lung cancer cells to develop a novel therapy	University of New South Wales	\$738,947.35
APP2002723	CIA - Professor Robert Kapsa CIB - Doctor Anita Quigley CIC - Doctor Richard Williams CID - Doctor Catherine Ngan CIE - Professor Simon Moulton CIF - Doctor Cathal O'Connell	Autologous Constructs for Muscle Engineering and Repair	RMIT University	\$808,011.70
APP2002727	CIA - Associate Professor Scott Byrne CIB - Doctor Anneliese Ashhurst	Targeting inflammatory skin disease using an immune-modulatory human signal peptide	University of Sydney	\$698,836.00
APP2002741	CIA - Professor Ross Hannan CIB - Doctor Nadine Hein CIC - Doctor Rita Ferreira	Exploring non-canonical roles for the ribosomal RNA genes critical for malignant transformation and cell fate	Australian National University	\$1,972,668.80
APP2002761	CIA - Associate Professor Jeremy Crook CIB - Doctor Eva Tomaskovic-Crook CIC - Professor Randipsingh Bindra CID - Doctor Mo Chen	A wireless electric nerve-guide for peripheral nerve repair	University of Wollongong	\$805,064.45
APP2002765	CIA - Doctor Alice McGovern CIB - Professor Stuart Mazzone	Silencing pulmonary nociceptors to treat severe respiratory viral infections	University of Melbourne	\$534,173.40
APP2002766	CIA - Doctor John Lin CIB - Doctor James Crane	Uncovering oxytocin and vasopressin release and functions with novel optical tools	University of Tasmania	\$631,634.00
APP2002772	CIA - Professor Scott Mueller CIB - Associate Professor Erica Sloan	Targeting nerves in tumours to enhance anti-cancer immunity	University of Melbourne	\$1,090,190.00

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APP2002827	CIA - Associate Professor Hang Ta CIB - Doctor Nghia Truong Phuoc	Developing smart nanomedicine to enable advanced diagnosis and stimuli-responsive treatment for atherosclerosis and thrombosis	Griffith University	\$523,342.00
APP2002830	CIA - Doctor Leigh Walker CIB - Doctor Philip Ryan	Understanding sex differences in alcohol use disorder: the role of stress and neuropeptides	University of Melbourne	\$692,105.50
APP2002835	CIA - Doctor Philip Ryan CIB - Simon Fisher	Neural circuits which limit alcohol and soft drink intake	University of Melbourne	\$523,948.50
APP2002857	CIA - Doctor Nathan Palpant CIB - Professor Glenn King CIC - Professor Peter Macdonald	ASIC1a, a new therapeutic drug target for cardiac ischemia	The University of Queensland	\$1,382,224.10
APP2002860	CIA - Associate Professor Irina Vetter CIB - Doctor Jennifer Deuis CIC - Doctor Christina Schroeder CID - Associate Professor Mehdi Mobli	Bivalent analgesics: rational design of selective ion channel inhibitors with optimised mechanism of action	The University of Queensland	\$904,889.50
APP2002877	CIA - Professor Luke Henderson CIB - Associate Professor Kevin Keay CIC - Professor Christopher Vaughan CID - Professor Suellen Walker CIE - Professor Christopher Peck CIF - Doctor Simon Beggs CIG - Doctor Zeynab Alshelh CIH - Doctor Elspeth Hutton CII - Professor Iain McGregor	Preventing the transition from acute to chronic pain. The role of neural and non-neural factors	University of Sydney	\$2,998,900.00

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APP2002882	CIA - Professor Michael Nilsson CIB - Professor Frederick Walker CIC - Mr Georg Kuhn CID - Professor John Attia CIE - Doctor Madeleine Hinwood CIF - Jenny Nyberg CIG - Doctor Christopher Oldmeadow CIH - Doctor Sara Gustavsson CII - Doctor Marina Ilicic	Using a national level multi-registry analysis to determine whether prescribed anti-platelet therapies post-stroke can modify the risk of cognitive decline or dementia	The University of Newcastle	\$446,302.05
APP2002889	CIA - Doctor Andrea Schaffer	Disentangling the interrelationship between multimorbidity, multimedicine use, and cardiovascular health	University of New South Wales	\$480,978.00
APP2002892	CIA - Associate Professor David Muller CIB - Doctor James Otton CIC - Associate Professor Socrates Dokos CID - Doctor Chin Neng Leong CIE - Doctor Susann Beier	Improving cardiac valve implant outcomes with advanced computer simulation	University of New South Wales	\$593,367.00
APP2002895	CIA - Associate Professor Lisandra Martin CIB - Doctor Stephen Bell	Engineering CYP17A1 inhibitors for castrate-resistant prostate cancer	Monash University	\$519,427.50
APP2002905	CIA - Professor Simone Pettigrew CIB - Doctor Jason Thompson	Harnessing the benefits of autonomous vehicles for health	University of New South Wales	\$738,595.93
APP2002917	CIA - Associate Professor Emma Hamilton-Williams CIB - Professor Ranjeny Thomas CIC - Doctor Mark Harris	Tolerising antigen-specific immunotherapy for type 1 diabetes	The University of Queensland	\$1,395,549.30

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APP2002921	CIA - Professor Anton Peleg CIB - Doctor Hsin-Hui Shen CIC - Doctor Jhih-Hang Jiang	Targeting Antimicrobial Resistance and Host Immune Evasion in <i>Staphylococcus aureus</i>	Monash University	\$892,831.00
APP2002943	CIA - Associate Professor Kylie Gorringe	Discovering the cell of origin for rare ovarian cancers	University of Melbourne	\$599,438.10
APP2002947	CIA - Doctor Karen Gregory CIB - Doctor Sophie Bradley CIC - Assistant Professor Jerri Rook	Finely tuned glutamate receptor inhibitors as novel therapeutics for neurodegenerative disorders	Monash University	\$1,168,828.50
APP2002948	CIA - Associate Professor Stavros Selemidis CIB - Doctor Stella Liong	Influenza A viral infection and pregnancy complications	RMIT University	\$1,346,858.00
APP2002953	CIA - Professor Peter Wark CIB - Associate Professor Jay Horvat CIC - Doctor Prabuddha Pathinayake	ER stress-Unfolded Protein Response a critical metabolic pathway for airway remodelling in asthma	The University of Newcastle	\$789,474.50
APP2002957	CIA - Doctor Michelle Boyle CIB - Associate Professor Bridget Barber	Host targeted adjunctive therapies to boost antimalarial immunity	The Council of the Queensland Institute of Medical Research	\$2,060,188.50
APP2002965	CIA - Doctor Andre Samson CIB - Doctor Jarrod Sandow CIC - Doctor Kelly Rogers	Deadly commute - targeting the trafficking mechanisms that licence inflammatory cell death	The Walter and Eliza Hall Institute of Medical Research	\$774,544.15
APP2002969	CIA - Doctor Tobias Merson	Reversing age-related impairment of myelin repair - a novel therapy for MS	Monash University	\$1,053,161.00
APP2003019	CIA - Professor David Nikolic-Paterson CIB - Associate Professor Jinhua Li	A new mechanism of tissue fibrosis - a small peptide regulator of the TGF-beta1/Smad pathway	Monash University	\$768,757.00
APP2003035	CIA - Associate Professor Ian Cockburn CIB - Doctor Ines Atmosukarto	Using immunological principles to inform malaria vaccine design	Australian National University	\$577,763.26

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APP2003114	CIA - Associate Professor Lucy Palmer CIB - Professor Matthew Larkum CIC - Professor Katharine Drummond CID - Doctor Christopher French	The cellular basis of synaptic integration and modulation in human pyramidal neurons	University of Melbourne	\$917,355.00
APP2003115	CIA - Doctor Anna Trigos	Understanding tumour plasticity and the microenvironment using single-cell technologies to identify novel targets for metastatic castration-resistant prostate cancer	University of Melbourne	\$653,577.60
APP2003139	CIA - Doctor Maté Biro CIB - Doctor Daryan Kempe CIC - Doctor Szun Tay	Harnessing Extracellular Matrix Remodelling by Cancer-Associated Fibroblasts to Increase T Cell Infiltration of Solid Tumours	University of New South Wales	\$923,407.00
APP2003148	CIA - Associate Professor Susan Jordan CIB - Associate Professor Katrina Spilsbury CIC - Doctor Louise Wilson CID - Doctor Peter Donovan	Hysterectomy, Oophorectomy and Long-term chronic Disease - the HOLD study	The University of Queensland	\$690,005.60
APP2003150	CIA - Associate Professor Lenka Munoz CIB - Professor Terrance Johns CIC - Doctor Jennifer Baker	Developing novel agents to prevent tumour recurrence in glioblastoma	University of Sydney	\$1,089,560.80
APP2003156	CIA - Professor Christopher Sobey CIB - Doctor Hyun Ah Kim	Amnion cell therapy for acute and chronic stroke	La Trobe University	\$1,085,266.00
APP2003159	CIA - Associate Professor Seth Masters CIB - Doctor Chien-Hsiung Yu	Targeting neuroinflammation in ALS	The Walter and Eliza Hall Institute of Medical Research	\$728,186.00
APP2003183	CIA - Professor Stuart Pitson CIB - Doctor Briony Gliddon CIC - Doctor Melinda Tea	New approaches for glioblastoma therapy	University of South Australia	\$816,929.80

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APP2003192	CIA - Doctor Hamish McWilliam	Presentation of Metabolite Antigens by MR1 Molecules: a Fundamental System of Immune Priming	University of Melbourne	\$883,832.00
APP2003204	CIA - Associate Professor Steven Howard CIB - Associate Professor Cathrine Neilsen-Hewett CIC - Professor Edward Melhuish CID - Doctor Nan Xu Rattanasone CIE - Associate Professor Michael Fasher CIF - Ms Eva Litherland CIG - Professor Marc de Rosnay	Development and evaluation of a novel early language assessment tool to identify vulnerable children who would benefit from referral to Allied Health pathways	University of Wollongong	\$554,388.00
APP2003210	CIA - Professor Miranda Rose CIB - Professor Leanne Togher CIC - Professor David Copland CID - Professor Ian Kneebone CIE - Professor Daminda Alahakoon CIF - Associate Professor Emma Power CIG - Doctor Anne Hill CIH - Doctor Dana Wong CII - Professor Timothy Usherwood CIJ - Doctor Brooke Ryan	Communication Connect: Improving long term communication and mental health outcomes following stroke and brain injury	La Trobe University	\$1,809,756.40
APP2003250	CIA - Professor Hilda Pickett CIB - Doctor Yu Heng Lau	Molecular characterisation of the DBHS proteins in telomerase assembly	University of Sydney	\$686,246.00

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APP2003255	CIA - Professor Paul Dietze CIB - Professor Lisa Maher CIC - Professor Matthew Hickman CID - Associate Professor Joseph Doyle CIE - Professor Mark Stoove CIF - Doctor Bernadette Ward CIG - Doctor Keith Sutton CIH - Doctor Anna Wilkinson CII - Doctor Brendan Quinn	Determining the impacts of COVID-19 restrictions on people who use drugs	Burnet Institute	\$429,228.15
APP2003310	CIA - Associate Professor Marina Pajic CIB - Associate Professor Ruta Gupta CIC - Professor Jonathan Clark CID - Professor Michael Boyer CIE - Professor Jean Yang CIF - Professor Jane Dahlstrom	From Functional Genomics to Precision Medicine: Identifying the Cause and Finding Optimal Therapy for Oral Squamous Cell Carcinoma	University of New South Wales	\$855,991.80
APP2003324	CIA - Doctor Christos Tikellis CIB - Doctor Raelene Pickering	Preventing diabetic complications using anti-inflammatory peptides	Monash University	\$805,145.50
APP2003325	CIA - Associate Professor Max Cryle CIB - Doctor Jennifer Payne	Novel antibiotics that harness innate immunity to overcome multi-drug resistant <i>S. aureus</i>	Monash University	\$872,354.60
APP2003330	CIA - Professor Tony Tiganis	Does chronic stress drive obesity and type 2 diabetes?	Monash University	\$1,440,404.00
APP2003346	CIA - Doctor Laura Bradfield	Unravelling the behavioural and brain mechanisms of compulsive disorders, and new ways to treat them	University of Technology Sydney	\$635,075.90
APP2003351	CIA - Associate Professor Brad Sutherland CIB - Professor David Howells CIC - Doctor Andrew Clarkson CID - Doctor Dino Premilovac	Harnessing the dual roles of pericytes to improve stroke outcomes	University of Tasmania	\$853,943.00

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APP2003370	CIA - Professor Daniel Hoyer CIB - Doctor Dan Abrams	Narcolepsy with cataplexy: a brain orexin replacement strategy	University of Melbourne	\$810,783.90
APP2003385	CIA - Professor Gene Tyson CIB - Associate Professor Lutz Krause CIC - Doctor Simon McIlroy CID - Doctor Julie Davies CIE - Doctor Paraic O Cuiv CIF - Doctor Nicola Angel CIG - Ben Woodcroft CIH - Lauren Messer CII - Allison McInnes	Strain-level characterisation and visualisation of the mucosal microbial communities associated with Inflammatory Bowel Disease (IBD) for the development of novel biotherapeutics	Queensland University of Technology	\$1,181,877.50
APP2003392	CIA - Professor Stephen Wood CIB - Doctor Gregor Leicht	Predicting clozapine treatment response in psychotic illness	University of Melbourne	\$721,525.65
APP2003393	CIA - Associate Professor Shireen Lamande CIB - Professor John Bateman	New therapeutic approaches for genetic skeletal disorders	Murdoch Children's Research Institute	\$961,150.00
APP2003395	CIA - Professor David Tcharke CIB - Doctor Riccardo Natoli CIC - Doctor Ulrike Schumann	Targeting miRNA biogenesis to treat herpes simplex virus latency	Australian National University	\$800,085.30
APP2003401	CIA - Professor Assam El-Osta CIB - Professor Per-Henrik Groop CIC - Doctor Ishant Khurana CID - Doctor scott maxwell	Cytosine methylation predicts diabetic nephropathy progression	Monash University	\$723,825.50
APP2003414	CIA - Associate Professor Timothy Bredy	Long noncoding RNA in space and time, and the regulation of fear extinction	The University of Queensland	\$1,012,244.60
APP2003416	CIA - Professor Anton Peleg CIB - Associate Professor John Boyce CIC - Professor Jorg Vogel CID - Doctor Francesca Short	Virulence Associated small RNAs in <i>Acinetobacter baumannii</i>	Monash University	\$964,147.50

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APP2003435	CIA - Professor Michael Jennings CIB - Doctor Christopher Day CIC - Professor Victor Torres	Structure and biophysical analysis aided design of novel toxoid vaccines for a major class of bacterial toxins	Griffith University	\$608,424.50
APP2003446	CIA - Assistant Professor David Collins CIB - Doctor Vini Gautam CIC - Doctor Melanie Stamp	Simulating and stimulating the Blood-Brain-Barrier: a platform for investigating non-pharmaceutical Alzheimer's therapy	University of Melbourne	\$680,757.60
APP2003507	CIA - Professor Jonathan Clark CIB - Professor Gregg Suaning CIC - Doctor Shaheen Hasmat	Bionic Lid Implant for Natural Closure (BLINC)	University of Sydney	\$378,461.60
APP2003537	CIA - Professor Belinda Gabbe CIB - Doctor Joanna Dipnall CIC - Professor Richard Page CID - Doctor Lan Du CIE - Professor Matthew Costa CIF - Professor Ronan Lyons	Predicting fracture outcomes from clinical Registry data using Artificial Intelligence Supplemented models for Evidence-informed treatment (PRAISE) study	Monash University	\$636,216.70
APP2003542	CIA - Doctor Vihandha Wickramasinghe	Exploiting messenger RNA export as a novel therapeutic strategy to treat cancer	University of Melbourne	\$948,098.00
APP2003545	CIA - Doctor Vihandha Wickramasinghe	Pathways that regulate nuclear export of circular RNA	University of Melbourne	\$933,327.20
APP2003561	CIA - Doctor Alysha Elliott CIB - Professor Matthew Cooper	Antibiotic potentiators as an alternative therapeutic option for the treatment of extensively drug-resistant Gram-negative infections	The University of Queensland	\$856,857.50
APP2003575	CIA - Doctor Megan Bywater	Oncogenic determinants of the immune response in acute myeloid leukaemia	The Council of the Queensland Institute of Medical Research	\$588,143.70

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APP2003595	CIA - Professor Sean Drummond CIB - Professor Victoria Risbrough	Identifying a modifiable risk factor for PTSD: insomnia-related disruption of trauma recovery mechanisms	Monash University	\$1,072,992.95
APP2003599	CIA - Professor Roger Daly	A novel, actionable pathway promoting metastasis of triple negative breast cancer	Monash University	\$708,272.00
APP2003606	CIA - Professor Daniel Green CIB - Doctor Andrew Haynes CIC - Associate Professor Joanne McVeigh CID - Doctor Louise Naylor CIE - Professor Graham Hillis CIF - Professor Keith George	Identifying the Optimal Age to Apply Physical Activity Interventions to Improve Heart Health	University of Western Australia	\$852,804.20
APP2003629	CIA - Doctor Benjamin Mullin CIB - Associate Professor Elin Grundberg CIC - Associate Professor Kun Zhu CID - Doctor Jordana Bell CIE - Associate Professor Brent Richards	Analysis of the osteoclast methylome for characterisation of epigenetic mechanisms underlying metabolic bone disease	University of Western Australia	\$299,018.00
APP2003636	CIA - Professor Jade Forwood CIB - Professor Subhash Vasudevan CIC - Professor Christopher Basler CID - Doctor Leon Caly CIE - Doctor Martin Pal CIF - Doctor Daniel Luque CIG - Doctor David Aragao	Understanding novel viral host interactions that modulate innate immunity	Charles Sturt University	\$764,246.00
APP2003646	CIA - Doctor Christina Mo CIB - S. Murray Sherman	Elucidating the role of transthalamic pathways in cortical processing	University of Melbourne	\$792,688.00

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APP2003662	CIA - Associate Professor Tri Phan CIB - Doctor Akira Nguyen	Bring out your dead - how does defective apoptotic cell clearance by tingible body macrophages lead to the activation of self-reactive B cells in SLE?	University of New South Wales	\$721,596.50
APP2003683	CIA - Associate Professor Jillian Carr CIB - Doctor Shailesh Bihari CIC - Associate Professor Dani-Louise Dixon	Modulating COVID-19 disease by targeting virus and virus-induced responses through pharmaceutical and mechanical ventilation strategies: SARS-CoV-2 S-protein, ACE2 and TMPRSS2	Flinders University	\$628,856.00
APP2003686	CIA - Doctor Vincent Laurent CIB - Doctor Beatrice Leung CIC - Doctor Nura Lingawi CID - Doctor Billy Chieng	Examining the metabolic and cognitive deficits caused by insulin resistance in the ventral striatum	University of New South Wales	\$400,372.00
APP2003688	CIA - Professor Katryn Stacey CIB - Doctor Parimala Vajjhala	Mammalian "endotoxin": Characterisation of highly inflammatory endogenous material	The University of Queensland	\$915,859.00
APP2003693	CIA - Doctor Thierry Jarde	Characterising the function of niche-derived Neuregulin 1 in colorectal cancer	Monash University	\$994,246.00
APP2003710	CIA - Doctor Sarah Gordon CIB - Doctor Kate Baker CIC - Professor Michael Cousin	Creating a phenotypic catalogue of synaptic vesicle cycling disorders	University of Melbourne	\$876,975.40
APP2003712	CIA - Doctor Danny Wilson CIB - Doctor Jack Adderley CIC - Professor Graham Farr CID - Elizabeth Egan CIE - Professor Andrew Tobin	Host-directed therapy for malaria: host cell signalome as a target	The University of Adelaide	\$898,043.20

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APP2003752	CIA - Professor Grant Drummond CIB - Doctor Maria Jelinic	Targeting the NLRP3 inflammasome and interleukin-18 in hypertensive heart failure	La Trobe University	\$1,241,115.00
APP2003756	CIA - Doctor Sophia Davidson CIB - Doctor Raphaela Goldbach-Mansky	Innate immune sensing of Proteotoxic Stress	The Walter and Eliza Hall Institute of Medical Research	\$501,390.00
APP2003775	CIA - Doctor Matthew Griffith CIB - Doctor Rebecca Lim CIC - Professor Alan Brichta CID - Doctor Natalie Holmes CIE - Professor Paul Dastoor CIF - Professor Julie Cairney	Nanoengineered Bioelectronic Systems for All-Optical Control of Neuron Growth and Stimulation	University of Sydney	\$757,451.70
APP2003786	CIA - Doctor Kylie Dunning CIB - Professor Kishan Dholakia CIC - Professor Ellen Anckaert	A new light on diagnosing embryo health	The University of Adelaide	\$1,266,777.00
APP2003811	CIA - Associate Professor Simon Phipps CIB - Doctor Paul Dennis	Perinatal microbe-host interactions regulate neonatal dendritic cell development	The Council of the Queensland Institute of Medical Research	\$1,293,576.20
APP2003832	CIA - Doctor Felicity Davis	A cellular identity crisis: Deciphering how mammary epithelial cells form and maintain their identity	The University of Queensland	\$843,825.80
APP2003848	CIA - Associate Professor Elisa Hill CIB - Professor Ashley Franks CIC - Doctor Steve Petrovski	Identifying how the enteric nervous system regulates gut permeability in autism	RMIT University	\$448,643.20

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APP2003853	CIA - Professor Mark Daniel CIB - Professor Gavin Turrell CIC - Assistant Professor Suzanne Carroll CID - Associate Professor Margaret Cargo CIE - Doctor Khandoker Shuvo Bakar CIF - Professor Luis Salvador-Carulla CIG - Professor Anne Taylor CIH - Associate Professor Yogi Vidyattama CII - Doctor Nasser Bagheri CIJ - Doctor Susanna Cramb	Novel modelling to improve decision-making for neighbourhood design to reduce chronic disease risk	University of Canberra	\$901,564.30
APP2003862	CIA - Professor Jacqui Webster CIB - Professor Gregory Leslie CIC - Mrs Christine Corby CID - Ms Janani Shanthosh CIE - Professor Eileen Baldry CIF - Doctor Ruth McCausland CIG - Ms Keziah Bennett-Brook CIH - Ms Julieann Coombes	Food and Water for Life: co-creation and evaluation of sustainable innovations to strengthen food and water security	University of New South Wales	\$1,169,419.00
APP2003876	CIA - Doctor Lea-Ann Kirkham CIB - Associate Professor Peter Richmond CIC - Doctor Alma Fulurija	First-in-human evaluation of a novel immunobiotic to prevent respiratory infection	University of Western Australia	\$1,180,080.10
APP2003887	CIA - Doctor Anna Trigos	Advancing the spatial analysis of cells in tissues to profile the tumour microenvironment	University of Melbourne	\$187,918.00

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APP2003888	CIA - Associate Professor Andrew Thompson CIB - Doctor Imogen Bell CIC - Doctor Simon D'Alfonso	Orygen Virtual World Project: bringing to life a new age of digitally enhanced youth mental health services	University of Melbourne	\$396,422.55
APP2003904	CIA - Doctor Lining Ju CIB - Doctor Charles Cox CIC - Doctor Yuping Yuan	Novel 'Mechano-medicine' combats deadly sticky blood clots in diabetes	University of Sydney	\$760,684.00
APP2003909	CIA - Doctor Brian Liddicoat CIB - Doctor Laura MacPherson	Understanding the role of DNMT1 SUMOylation in Acute Myeloid Leukaemia	University of Melbourne	\$639,290.00
APP2003918	CIA - Doctor Edward Giles CIB - Doctor Eveline de Geus	Interferon Epsilon as a novel regulator of host-bacterial interaction in homeostasis, infection and inflammation	Monash University	\$843,087.80
APP2003933	CIA - Professor Juanita Todd CIB - Ryszard Auksztulewicz CIC - Professor Scott Brown CID - Professor Dean Salisbury CIE - Doctor Guy Hawkins	Perceiving is believing: Perceptual inference anomalies in schizophrenia.	The University of Newcastle	\$344,824.30
APP2003935	CIA - Associate Professor Julie Brown CIB - Professor Lisa Keay	User-centred design of a technology-mediated, theory driven, intervention package to reduce incorrect use of child car restraints	University of New South Wales	\$691,341.85
APP2003943	CIA - Doctor Sarah Gabriel CIB - Doctor Patrick Gubser	Characterisation and targeting T cellular metabolism to improve control of chronic viral infections	University of Melbourne	\$791,427.00
APP2003946	CIA - Professor Luke Guddat CIB - Professor Craig Williams CIC - Professor Gerhard Schenk	Cryo-EM inspired drug discovery to treat human fungal pathogenic infections	The University of Queensland	\$987,505.00

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APP2003959	CIA - Doctor Kirsty Short CIB - Doctor Siroon Bekkering CIC - Doctor Danielle Longmore	The immunological legacy of obesity on viral pathogenesis	The University of Queensland	\$652,275.45
APP2003997	CIA - Professor Christopher Semsarian	"Concealed Cardiomyopathy" and Sudden Cardiac Death	University of Sydney	\$1,174,769.00
APP2004036	CIA - Doctor Katharina Richter CIB - Doctor Roman Kostecki CIC - Professor Heike Ebendorff-Heidepriem CID - Doctor Markus Trochsler CIE - Roger Narayan	Improving clinical outcomes of antimicrobial resistant infections with a drug-free intervention	The University of Adelaide	\$999,581.10
APP2004051	CIA - Doctor Jane Alty CIB - Professor James Vickers CIC - Associate Professor Quan Bai CID - Mr Aidan Bindoff CIE - Doctor Edward Hill	The future in our hands: Screening for preclinical Alzheimer's disease by analysing hand movements	University of Tasmania	\$899,781.50
APP2004064	CIA - Professor Kerry-Anne Rye CIB - Doctor Blake Cochran CIC - Doctor Alan Remaley CID - Madhav Devalaraja	Preservation and generation of beta cells in type 1 diabetes with novel mimetic peptides	University of New South Wales	\$1,096,055.00
APP2004067	CIA - Professor Thomas Whitford CIB - Professor Anthony Harris CIC - Associate Professor Mike Le Pelley CID - Professor Judith Ford CIE - Professor Daniel Mathalon	Establishing the neural basis of auditory-verbal hallucinations in schizophrenia	University of New South Wales	\$563,020.00

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APP2004070	CIA - Associate Professor Peter Azzopardi CIB - Mr Seth Westhead CIC - Doctor Odette Pearson CID - Doctor Rachel Reilly CIE - Doctor Karla Canuto CIF - Ms Tina Brodie	A roadmap for Aboriginal and Torres Strait Islander adolescent health: Defining priority health needs and actions through the empowerment & capacity development of young people	South Australian Health and Medical Research Institute Limited	\$2,002,447.90
APP2004089	CIA - Doctor Odette Pearson CIB - Associate Professor Gillian Caughey CIC - Doctor Clare Bradley	Leaving no-one behind: Informing Indigenous aged care policy with big data	South Australian Health and Medical Research Institute Limited	\$1,668,851.00
APP2004090	CIA - Associate Professor Michael Beard CIB - Doctor Kylie Van der Hoek CIC - Doctor Sonja Best	Understanding the Innate Immune Response to Viral Infection of the Female Reproductive Tract and Placenta	The University of Adelaide	\$784,273.00
APP2004107	CIA - Doctor Ann-Maree Vallence CIB - Professor Fiona Wood CIC - Doctor Dale Edgar CID - Professor Merrilee Needham	Harnessing neural plasticity to improve functional outcomes following burn injury	Murdoch University	\$667,983.65
APP2004126	CIA - Doctor Michelle Halls CIB - Doctor Cheng Huang CIC - Doctor Gerald Hammond CID - Doctor Victor Javier Cadarso Busto CIE - Professor Adrian Neild	Probing changes in G protein-coupled receptor signalling networks during breast cancer progression	Monash University	\$892,732.82
APP2004212	CIA - Doctor Kristin Brown	Investigating the consequences of dysregulated lipogenesis in cancer	University of Melbourne	\$600,646.90

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APP2004222	CIA - Associate Professor Peter Azzopardi CIB - Doctor Elissa Kennedy CIC - Professor Helen Weiss CID - Doctor Kyu Kyu Than CIE - Associate Professor Cathy Vaughan CIF - Doctor Erin Hunter CIG - Doctor Meghan Bohren CIH - Doctor Thin Win CII - Professor Sonia Grover CIJ - Mr Win Han Oo	Addressing menstrual health to improve adolescent health and development: co-design of an acceptable and scalable school-based strategy in Myanmar	Burnet Institute	\$986,023.80
APP2004253	CIA - Doctor Anne Fletcher	The microenvironmental drivers of T cell regulation in metastatic breast cancer	Monash University	\$1,302,611.15
APP2004262	CIA - Professor Stephen Leslie CIB - Professor Wilson Liao CIC - Doctor Paul Norman CID - Doctor David Squire	Immune-associated genetic variation and autoimmune disease	University of Melbourne	\$1,346,721.00
APP2004282	CIA - Professor Livia Hool CIB - Professor Filip Van Petegem CIC - Doctor Evan Ingley CID - Doctor Helena Viola	Integrating biology and medicine to develop 3D-structure guided drug design for treatment of cardiovascular disease	University of Western Australia	\$978,832.00
APP2004288	CIA - Professor Angel Lopez CIB - Doctor Damon Tumes CIC - Associate Professor Harshita Pant CID - Doctor Luciano Martelotto CIE - Doctor Nicholas Wilson	Resolving eosinophil and inflammatory heterogeneity in chronic allergic airway disease for safer, effective and lasting precision therapies	University of South Australia	\$1,166,165.00

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APP2004298	CIA - Doctor Aron Chakera CIB - Associate Professor Timothy Inglis CIC - Mr Kieran Mulrone CID - Ms Angela Jacques CIE - Professor Suzanne Robinson	Culture-independent microbiology: reducing delays in the diagnosis of severe infections and detection of antimicrobial resistance from days to hours	University of Western Australia	\$949,589.25
APP2004300	CIA - Professor Benjamin Hogan CIB - Doctor Elizabeth Mason CIC - Doctor Kazuhide Shaun Okuda	Growth factor directed developmental and pathological lymphangiogenesis	University of Melbourne	\$1,048,507.25
APP2004306	CIA - Associate Professor Cecile King CIB - Professor Marcel Dinger	The role of LINE encoded natural antisense transcripts in immune regulation	University of New South Wales	\$934,853.00
APP2004316	CIA - Professor Ralph Maddison CIB - Professor Rajesh Vasa CIC - Professor John Atherton CID - Professor Brian Oldenburg CIE - Professor Vassilis Kostakos CIF - Doctor Tilman Dingler CIG - Doctor Jonathan Rawstorn CIH - Doctor Dominika Kwasnicka	Harnessing information technology to improve self-management behaviours and health outcome in people with heart failure: A smarthome ecosystem Living Lab Study	Deakin University	\$1,120,225.80
APP2004320	CIA - Professor Ian Alexander CIB - Doctor Grant Logan	Exploiting anti-capsid humoral immunity induced in infants receiving gene therapy for Spinal Muscular Atrophy to engineer the next generation of gene transfer vectors	University of Sydney	\$1,105,993.00

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APP2004327	CIA - Associate Professor Maree Toombs CIB - Doctor Claire Brolan CIC - Doctor Caitlin Curtis CID - Doctor Kelly Dingli CIE - Sandra Creamer CIF - Mr Gregory Pratt CIG - Professor Wendy Hoy CIH - Doctor Amelia Radke CII - Ms Avelina Tarrago CIJ - Associate Professor Joshua Byrnes	Advancing equitable and non-discriminatory access to health services for First Nations peoples: A multidisciplinary Queensland Human Rights Act case study	The University of Queensland	\$1,279,602.45
APP2004331	CIA - Professor Jozef Gecz CIB - Doctor Clare van Eyk CIC - Professor Miles Wilkinson	A No Nonsense Approach to Genetic Disease	The University of Adelaide	\$1,122,760.00
APP2004333	CIA - Professor Axel Kallies CIB - Doctor Lok Hang Carlson Tsui	Molecular regulators of adaptive immunity to overwhelming viral infections	University of Melbourne	\$786,898.00
APP2004356	CIA - Doctor Mark Blaskovich CIB - Doctor Johannes Zuegg CIC - Doctor Alysha Elliott CID - Doctor Karl Hansford	Predictive Models to Design and Develop New Antibiotics Derived from the Community for Open Antimicrobial Drug Discovery	The University of Queensland	\$977,426.50
APP2004367	CIA - Doctor Mark Blaskovich CIB - Associate Professor Vito Ferro	Antibiotic Conjugates: Joining Together to Fight Antimicrobial Resistance	The University of Queensland	\$697,674.50

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APP2004389	CIA - Doctor Kim O'Donnell CIB - Doctor Janet Kelly CIC - Ms Kelli Owen CID - Ms Rhanee Tsetsakos CIE - Ms Nari Sinclair CIF - Doctor Samantha Bateman CIG - Professor Josée Lavoie	AKction2: Aboriginal Kidney Care Together - Improving Outcomes Now	The University of Adelaide	\$1,950,172.90
APP2004390	CIA - Doctor Stephan Karl CIB - Doctor Eleanor Sherrard-Smith CIC - Professor Norelle Daly CID - Doctor Michael White CIE - Doctor Jeremy Bougoure CIF - Doctor Moses Laman CIG - Associate Professor Lisa Reimer	Substandard bed nets and malaria: Causes, Impact and Solutions	James Cook University	\$827,057.10
APP2004397	CIA - Professor Mariapia Degli-Esposti CIB - Doctor Christopher Andoniou CIC - Professor Geoffrey Hill	Developing improved therapies for cytomegalovirus infections by overcoming viral strain diversity.	Monash University	\$1,126,820.00
APP2004398	CIA - Doctor Jennifer Juno CIB - Doctor Hyon Xhi Tan	Harnessing T cell quality for pandemic preparedness	University of Melbourne	\$503,146.00
APP2004424	CIA - Associate Professor Isuru Ranasinghe CIB - Professor Richard Woodman CIC - Associate Professor Billingsley Kaambwa CID - Doctor Bernadette Aliprandi-Costa CIE - Doctor Sradha Kotwal	Safety, effectiveness of care and resource use among Australian hospitals (Safer Hospitals)	The University of Queensland	\$1,084,270.95
APP2004430	CIA - Associate Professor Anthony Cesare CIB - Doctor Harriet Gee	Understanding the molecular mechanisms of cell death in radiotherapy	University of Sydney	\$643,856.00

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APP2004437	CIA - Doctor Silvia Ciocchetta CIB - Doctor Maggy Sikulu-Lord CIC - Associate Professor Ricardo Soares Magalhaes CID - Doctor Swaid Abdullah CIE - Doctor John Stenos CIF - Doctor Ian Marsh	Advancing enhanced biosecurity of major arboviral and other vector-borne diseases in Australia through near infrared spectroscopy technology	The University of Queensland	\$754,982.90
APP2004443	CIA - Professor Leeanne Carey CIB - Professor Damminda Alahakoon CIC - Professor Susan Hillier CID - Associate Professor Michael Pollack CIE - Doctor Mark Bayley CIF - Professor Lara Boyd CIG - Professor Elizabeth Skidmore CIH - Mr Rashmika Nawaratne CII - Doctor Shanthi Ramanathan	Staying connected: personalising stroke recovery and rehabilitation through new technologies for people with stroke living at home.	La Trobe University	\$1,730,999.00
APP2004444	CIA - Professor Wenlong Cheng CIB - Professor Jonathan Morris CIC - Doctor Lim Wei Yap CID - Doctor Faezeh Marzbanrad CIE - Doctor Vinayak Smith	Soft Wearable Patches for Stillbirth Prevention	Monash University	\$998,566.70
APP2004446	CIA - Associate Professor Grant Dewson CIB - Doctor Andrew Evans	Understanding how the E3 ubiquitin ligase Parkin dictates neuronal survival	The Walter and Eliza Hall Institute of Medical Research	\$947,560.00
APP2004460	CIA - Associate Professor Kelly Smith	Investigating a new regulator of cardiac rhythm in development and disease	University of Melbourne	\$1,022,704.25

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APP2004466	CIA - Professor Rebecca Bentley CIB - Professor Emma Baker CIC - Doctor Lyrian Daniel	Evidence for action on cold, damp and mould in Australian homes	University of Melbourne	\$955,649.00
APP2004495	CIA - Professor Gerald Holtmann CIB - Professor Michael Jones CIC - Professor Helen Truby CID - Doctor Ayesha Shah CIE - Doctor Natasha Koloski CIF - Doctor Seungha Kang	A practice change for patients with severe chronic, clinically unexplained gastrointestinal symptoms: A randomised, controlled intervention to assess efficacy and cost-effectiveness	The University of Queensland	\$1,276,080.10
APP2004500	CIA - Professor Paul Hertzog	The role of interferon epsilon in ovarian cancer	Monash University	\$1,108,014.85
APP2004514	CIA - Professor Peter Gibson CIB - Professor Wilfried Karmaus CIC - Professor Joerg Mattes CID - Doctor Bronwyn Brew CIE - Doctor Adam Collison CIF - Associate Professor Elizabeth Holliday CIG - Doctor Megan Jensen	Bushfire smoke exposure during pregnancy and epigenetic changes in offspring	The University of Newcastle	\$1,707,578.15
APP2004536	CIA - Doctor Divya Mehta CIB - Professor Jane Shakespeare-Finch CIC - Associate Professor Caroline Nievergelt CID - Doctor Marcus Ising	Biopsychosocial risk and protective factors of trauma exposure in first responders: A longitudinal investigation	Queensland University of Technology	\$1,137,427.20
APP2004582	CIA - Doctor Daniel Watterson CIB - Associate Professor Fasseli Coulibaly	Flaviviruses must come of age: design of stable, mature particles by structural vaccinology	The University of Queensland	\$1,149,487.00
APP2004627	CIA - Professor Jose Polo	Developing an in vitro model of a human blastocyst	Monash University	\$890,062.20

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APP2004635	CIA - Professor Ben Hankamer CIB - Doctor Ian Ross	New therapies requiring ultra large scale monoclonal Ab production in microalgae	The University of Queensland	\$630,089.00
APP2004670	CIA - Professor Damian Purcell CIB - Doctor Lloyd Einsiedel CIC - Doctor Paula Ellenberg	HTLV-1 virology and pathogenesis	University of Melbourne	\$695,214.40
APP2004671	CIA - Associate Professor Elena Bagley CIB - Professor MacDonald Christie	Pharmacological strategies to enhance endogenous opioid actions in pain circuits	University of Sydney	\$1,318,226.00
APP2004767	CIA - Doctor Jacqueline Gulbis	Investigating the role of mitochondrial Tom40 in regulated cell death and neurodegeneration	The Walter and Eliza Hall Institute of Medical Research	\$972,660.00
APP2004774	CIA - Professor Jose Polo	Reprogramming human fibroblasts into induced trophoblast stem cells	Monash University	\$889,064.40
APP2004781	CIA - Doctor Preethi Eldi CIB - Professor John Hayball CIC - Doctor William Smith	Immunomodulatory vaccines in the treatment of peanut allergy	University of South Australia	\$678,899.40
APP2004839	CIA - Associate Professor Mihir Wechalekar CIB - Douglas Veale CIC - Ursula Fearon	Targeting PD-1 expressing T-peripheral helper (Tph) cells and dysregulated checkpoint molecules: Improving outcomes in Rheumatoid Arthritis	Flinders University	\$597,168.10
APP2004860	CIA - Professor Simon Keely CIB - Doctor Kerith Duncanson CIC - Doctor Michael Potter CID - Doctor Natasha Koloski CIE - Doctor Emily Hoedt	Wheat proteins, the duodenal microbiome and immune activation in the aetiopathogenesis of non-coeliac gluten sensitivity and functional dyspepsia	The University of Newcastle	\$1,997,149.50

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APP2004957	CIA - Associate Professor Kathy Fuller CIB - Professor Wendy Erber CIC - Doctor Henry Hui CID - Professor Jan Dickinson	Precision molecular diagnostics of single cells by imaging flow cytometry	University of Western Australia	\$875,110.00
APP2005002	CIA - Doctor Marina Kochetkova CIB - Doctor Karen Cheung Tung Shing CIC - Mr Robert Whitfield	Stopping breast cancer progression by targeting tumour stroma	University of South Australia	\$772,877.00
APP2005061	CIA - Professor Laura Parry CIB - Doctor Sarah Marshall CIC - Doctor Martina Kocan	A sweet therapeutic for vascular disease in pregnancy	The University of Adelaide	\$685,453.10
Total				\$259,722,564