



Ideas Grant Applications Recommended for Funding Commencing in 2026

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 of 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 (CIA) will have the scientific leadership and skills to achieve the proposed project aims.

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The 2025 Ideas Grants funding round (for funding commencing in 2026) opened on 12 March 2025. The round closed on 7 May 2025 with 2383 applications received.

The applications listed in application identification number (App ID) order below were approved for funding by the Minister for Health and Aged Care, the Hon. Mark Butler MP.



App ID	Chief Investigator Name(s)	Application Title	Administering Institution	Budget
2046237	CIA - Prof Steven Stacker CIB - Dr Rae Farnsworth	Harnessing early anti-metastatic responses of the vasculature to combat metastasis	University of Melbourne	\$2,098,603.00
2046244	CIA - Dr Ina Rudloff CIB - Prof Marcel Nold CIC - Ms Sara Di Simone CID - Dr Steven Shian Chin Cho CIE - Assoc Prof Ramesh Nataraja	Integrating immunomodulatory and probiotic strategies to prevent necrotising enterocolitis	Monash University	\$1,738,877.08
2046265	CIA - Prof Kate Sutherland	Uncovering the molecular determinants driving metastasis in small cell lung cancer	The Walter and Eliza Hall Institute of Medical Research	\$1,652,818.64
2046314	CIA - Dr Nicholas Hindley CIB - Dr Chun-Chien Shieh CIC - Assoc Prof Dan Ruan CID - Assoc Prof Paul Segars CIE - Assoc Prof Magdalena Bazalova-Carter CIF - Dr Chandrima Sengupta	Less toxicity, fewer hospital visits and improved clinician confidence: The future of liver cancer treatment with motion-adaptive radiation therapy	University of Sydney	\$657,798.50
2046322	CIA - Dr Elizabeth Christie	Identifying the key to treatment resistance in ovarian cancer	University of Melbourne	\$1,748,904.50



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2046361	CIA - Assoc Prof Renee Turner CIB - Prof Mark Jenkinson CIC - Assoc Prof Tracy Farr CID - Dr Lin Kooi Ong CIE - Dr Rebecca Hood CIF - Dr Courtney Cross CIG - Dr Annabel Sorby-Adams CIH - Assoc Prof Daniel Lin CII - Miss Shannon Stuckey	The SND-FMT study: Targeting the microbiota-gut-brain axis to break the cycle of post-stroke secondary neurodegeneration	Adelaide University	\$3,518,060.10
2046364	CIA - Dr Malcolm Starkey CIB - Assoc Prof Aniruddh Deshpande CIC - Assoc Prof Nicole De Nisco CID - Prof Indira Mysorekar CIE - Prof Andrew Mckenzie	Therapeutic targeting of interleukin-33 for severe paediatric urinary tract infections	Monash University	\$1,425,533.50
2046398	CIA - Dr Denisse Leyton CIB - Dr Emily Furlong CIC - Dr Benjamin Schwessinger	Development of a delivery system for the targeted release of nanobodies in the gut	Australian National University	\$988,788.00
2046409	CIA - Dr Matilde Balbi CIB - Assoc Prof Susanne van Veluw CIC - Mr Tommaso Patriarchi CID - Dr Dongsheng Xiao CIE - Dr Phoebe Mayne	Non-invasive modulation of astrocyte-mediated fluid exchange to improve stroke outcome	The University of Queensland	\$1,572,208.81
2046466	CIA - Prof Chen Davidovich	Why do proteins mimic the repressive mark H3K27me3?	Monash University	\$1,088,712.67



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2046469	CIA - Prof Michael Piper CIB - Dr Jessica Cale	Developing a preclinical model for Malan syndrome	The University of Queensland	\$780,098.20
2046472	CIA - Prof John Hooper CIB - Kathryn Middleton CIC - Dr Tahleesa Cuda CID - Dr Jobichen Chacko CIE - Dr Cheng Liu	Harnessing the biology of a cell surface receptor to target poor outcome breast cancer	The University of Queensland	\$1,862,861.55
2046479	CIA - Assoc Prof Daniel Gough CIB - Dr Daniel Garama CIC - Dr Sungyoung Shin CID - Dusan Bogunovic	Redefining signalling to integrate emerging STAT3 activities	Monash University	\$2,062,743.40
2046490	CIA - Dr Johanna Fraser CIB - Dr Nicholas Eyre CIC - Dr Robson Kriiger Loterio	Combatting dengue with emerging interventions	Burnet Institute	\$782,334.30
2046496	CIA - Dr Jemima Beissbarth CIB - Dr Brianna Atto CIC - Prof Peter Morris CID - Dr Suresh Mahendran CIE - Dr Hemi Patel	Atypical bacteria in chronic suppurative otitis media	Menzies School of Health Research	\$1,437,695.00
2046517	CIA - Assoc Prof Aaron Schindeler CIB - Dr Alexandra O'Donohue	Gene therapy to correct achondroplasia (dwarfism)	University of Sydney	\$1,542,616.00



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2046540	CIA - Assoc Prof Susan Woods CIB - Dr Josephine Wright CIC - Assoc Prof Amir Zarrinpar CID - Dr Omar Din CIE - Assoc Prof Tarik Sammour	TARGETING HIGH-RISK MICROBIOMES TO PREVENT COLORECTAL CANCER	Adelaide University	\$1,293,796.11
2046552	CIA - Prof Tania de Koning-Ward	Elucidating the complete rhoptry proteome to discover novel targets for malaria intervention	Deakin University	\$966,194.00
2046567	CIA - Prof Kairi Kolves CIB - Dr Luke Bayliss CIC - Assoc Prof Carla Meurk CID - Assoc Prof Jacinta Hawgood CIE - Dr Katelyn Kerr CIF - Dr Nikki Jamieson CIG - Prof Julie Cerel	Does alcohol use fuel suicidal thoughts or facilitate suicide attempts for Australian veterans? A real-time monitoring study	Griffith University	\$702,773.70
2046590	CIA - Prof Hayley Newton	Towards Reprogramming Cell Death at the Host-Pathogen Interface	Monash University	\$974,303.00



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2046603	CIA - Assoc Prof Adrienne Harvey CIB - Dr Ingrid Honan CIC - Dr Carolyn Berryman CID - Mrs Meredith Smith CIE - Nadine Smith CIF - Dr Simon Paget CIG - Miss Georgina Henry CIH - Dr Simon Garbellini CII - Dr Abirami Thirumanickam CIJ - Assoc Prof Giuliana Antolovich	PainED-CP: Co-Creating an Innovative Pain Education Intervention for Children with Cerebral Palsy	Murdoch Children's Research Institute	\$1,331,027.70
2046608	CIA - Assoc Prof Susan Woods CIB - Prof Jeff Hasty CIC - Dr Omar Din CID - Assoc Prof Tarik Sammour	Targeted E. coli Nissle missiles for treatment of advanced colorectal cancer	Adelaide University	\$1,056,848.40
2046631	CIA - Prof Christopher McDevitt CIB - Prof Megan Maher CIC - Assoc Prof Jeffrey Harmer	Deciphering the molecular architecture of the pneumococcal manganese transport for new therapeutics	University of Melbourne	\$1,350,540.00
2046639	CIA - Dr Zhoujie Ding CIB - Assoc Prof Alberta Hoi	Resetting plasma cells in autoimmunity for sustained remission	Monash University	\$1,513,899.40
2046643	CIA - Prof Hayley Newton CIB - Dr Laura Edgington-Mitchell	Pathogen-Mediated Manipulation of the Human Lysosome: A Target for Infection Control	Monash University	\$1,270,604.00



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2046680	CIA - Dr Isabelle Munoz CIB - Dr Yu Kuan (Tony) Huang CIC - Mr Jim Middelburg	Enhancing the Efficacy and Safety of "Armoured" CAR T Cells for Solid Tumour Treatment	University of Melbourne	\$1,029,475.60
2046686	CIA - Dr Chandrima Sengupta CIB - Dr Robert Finnegan CIC - Andre Kyme CID - Assoc Prof Laura Bear CIE - Dr Nicholas Hindley CIF - Dr Phillip Cuculich CIG - Assoc Prof Saurabh Kumar CIH - Dr Michael Jameson CII - Assoc Prof Oliver Blanck CIJ - Dr Geoffrey Hugo	Tracking the beating heart: Enabling safe and effective radiotherapy for cardiac arrhythmia	University of Sydney	\$1,259,220.00
2046720	CIA - Prof Kathryn Burdon CIB - Dr Johanna Jones CIC - Assoc Prof Michael O'Connor CID - Dr Sandra Staffieri CIE - Dr Jonathan Ruddle	Genomic Diagnosis in Paediatric Cataract: Providing Answers for Every Family	University of Tasmania	\$2,748,529.90
2046730	CIA - Assoc Prof Melanie Eckersley-Maslin CIB - Dr Eleanor Glancy	Discovering how cancer plasticity is regulated for therapeutic innovation	University of Melbourne	\$1,288,485.75
2046752	CIA - Dr Hayley Bullen CIB - Prof Darren Creek CIC - Dr Fiona Angrisano CID - Dr William Nguyen	Fast tracking new antimalarials by repurposing anti-infective drugs	Burnet Institute	\$1,396,794.00



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2046758	CIA - Prof Allison Abendroth	Defining the tug-of-war between herpesviruses and innate-like unconventional T cells	University of Sydney	\$1,740,497.20
2046831	CIA - Prof Graeme Polglase CIB - Miss Sharmony Kelly CIC - Dr Robert Galinsky CID - Prof James Pearson CIE - Prof Georg Schmolzer CIF - Ms Alison Thiel	Reducing Cerebrovascular Injury in Extremely Preterm Infants	Monash University	\$1,712,345.90
2046852	CIA - Assoc Prof Gila Moalem-Taylor CIB - Assoc Prof Paul Austin CIC - Dr Kerrie Sandgren CID - Prof Pascal Carrive	Decoding neuroimmune crosstalk in lymph nodes: a new frontier in peripheral neuropathy	University of New South Wales	\$1,782,259.30
2046853	CIA - Assoc Prof Matthew Sunderland CIB - Prof Philip Batterham CIC - Dr Natacha Carragher CID - Dr Deanna Varley CIE - Prof Andrew Baillie CIF - Asst Prof Katherine Jonas CIG - Dr Jillian Halladay	New models and new measures for mental health: Developing more meaningful assessment and diagnostic tools	University of Sydney	\$1,207,560.20
2046863	CIA - Prof Adam Walker CIB - Dr Benedetta Bolognesi	Protection against neurodegeneration by protein sequestration	University of Sydney	\$1,076,521.25



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2046888	CIA - Prof Gary Housley CIB - Dr Dominik Froehlich CIC - Dr Jeremy Pinyon CID - Dr Georg von Jonquieres CIE - Dr Frederic von Wegner CIF - Dr Timothy Scott CIG - Dr David Housley CIH - Miss Lily Pearson CII - Mr Edward Crawford	Neuromuscular BaDGE - Electrotransfer of Naked Neurotrophin Gene-based Therapeutics for Accelerated Nerve Regeneration and Muscle Reinnervation	University of New South Wales	\$1,722,656.40
2046915	CIA - Prof Harshal Nandurkar CIB - Prof Simon Robson CIC - Dr Maithili Sashindranath CID - Dr Ioanna Savvidou CIE - Assoc Prof Hamsa Puthalakath CIF - Dr Abbey Willcox	Targeting systemic inflammatory response syndrome to improve outcomes for sepsis.	Monash University	\$2,333,240.00
2046944	CIA - Assoc Prof Christina Bursill CIB - Prof Gang Zheng	Novel atheroprotective properties of Diroximel Fumarate	Adelaide University	\$1,236,439.20
2046949	CIA - Dr Nicole de Weerd CIB - Assoc Prof Meredith O'Keeffe CIC - Prof Paul Hertzog CID - Prof Philip Bardin CIE - Dr Belinda Thomas CIF - Dr Daniel Garama CIG - Dr Paul Leong	Novel interferon treatment to mitigate serious viral infections	Monash University	\$2,125,774.72



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2046960	CIA - Assoc Prof Martin Donnelley CIB - Assoc Prof Andrew Tai CIC - Dr Dhani Dharmaprani CID - Dr Ronan Smith CIE - Dr Nicole Reyne CIF - Assoc Prof David Parsons CIG - Dr Jennie Louise CIH - Dr Nina Eikelis	Improving Paediatric Respiratory Outcomes Using X-ray Velocimetry Functional Imaging	Adelaide University	\$1,949,781.00
2047035	CIA - Prof Scott Wilson CIB - Assoc Prof Kun Zhu CIC - Miss Suzanne Brown CID - Dr Dhanya Sooraj CIE - Dr Bernd Willems CIF - Prof Frank Dudbridge CIG - Prof Jordana Bell CIH - Prof John Walsh	Revolutionising discovery and characterisation of genomic elements underlying osteoporosis	University of Western Australia	\$999,031.25
2047049	CIA - Dr Chia Lun Wu CIB - Prof Lining (Arnold) Ju CIC - Dr Xuyu Liu CID - Dr Yao Wang CIE - Dr Timothy Ang	Beyond White Clots: Decoding RBC Mechanosensing in Carotid Web Thrombosis for Innovative Stroke Prediction and Prevention	University of Sydney	\$1,855,406.00
2047050	CIA - Prof H. Peter Soyer CIB - Dr Zhen Yu CIC - Ms Katie Lee CID - Harald Kittler CIE - Brock Christensen	Tracking melanoma at the pixel level: deep image analysis guided by spatial molecular profiling	The University of Queensland	\$1,817,623.85



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2047056	CIA - Dr John Lock CIB - Assoc Prof Therese Becker CIC - Assoc Prof Tara Roberts CID - Dr Abhijit Pal CIE - Dr Daniel Brungs CIF - Mr Timothy Mann CIG - Dr Po Yee Yip CIH - Dr Pei Ding CII - Dr Victoria Bray CIJ - Dr Steven Kao	Next-generation liquid biopsy for treatment-optimisation in newly diagnosed resectable non-small cell lung cancer	University of New South Wales	\$1,804,016.09
2047058	CIA - Prof Brian Oldenburg CIB - Prof Lisa Brophy CIC - Prof Wei Xiang CID - Dr Jean Spinks CIE - Dr Chris Lynch CIF - Prof Leeanne Carey CIG - Dr Antonia Ypsilanti CIH - Dr Myron Anthony Godinho CII - Dr Yingting Cao CIJ - Ms Renza Scibilia	Connect4Health: Digitally Enabled Social Prescribing to Improve the Health and Well-being of People with Cardiometabolic Conditions.	La Trobe University	\$2,200,366.00
2047059	CIA - Assoc Prof Mohit Shivdasani CIB - Assoc Prof Gene Fridman CIC - Dr Tianruo Guo CID - Prof Michael Kalloniatis CIE - Dr Felix Aplin	Selective Activation of Retinal Bipolar Cells Using Freeform Electrical Stimulation: Towards High Acuity Vision Restoration	University of New South Wales	\$667,619.00



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2047080	CIA - Dr Clare van Eyk CIB - Prof David Rowitch	Patient-derived cellular models of white matter injury in cerebral palsy	Adelaide University	\$1,496,610.00
2047085	CIA - Prof Ricky O'Brien CIB - Dr Xin Zhang CIC - Assoc Prof Stephen Tham	Pioneering Dynamic CT Imaging to Improve Diagnosis and Management of Wrist Injuries	RMIT University	\$1,356,551.80
2047119	CIA - Prof Lisa Hui CIB - Dr Ishara Atukorala CIC - Prof David Baud	Mapping the fetal extracellular vesicle and immune cell landscapes of congenital cytomegalovirus infection for biomarker and therapeutic target discovery	University of Melbourne	\$1,118,428.91
2047134	CIA - Dr Jacinta Martin CIB - Dr Joseph Pegler CIC - Dr Marcus Crompton	Nature's Remedy: Harnessing Plant Proteins to Mitigate the Impact of Perinatal PFAS Exposure	The University of Newcastle	\$1,811,482.25
2047140	CIA - Dr Daniel Utzschneider CIB - Dr Jan Schroeder	Deciphering and targeting of transcriptional drivers of T cell exhaustion	University of Melbourne	\$1,695,923.50
2047159	CIA - Dr Rebecca Poulos CIB - Dr Jia Liu CIC - Dr Bhavna Padhye CID - Dr Nicholas McNamee CIE - Ms Skye McKay CIF - Dr Peter Hains	Personalised Proteomic Reports for Precision Cancer Care	University of Sydney	\$576,600.80



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2047197	CIA - Prof Bijan Shirinzadeh CIB - Assoc Prof Yongmin Zhong CIC - Prof Julian Smith CID - Dr David Chieng CIE - Dr Elahe Abdi CIF - Dr Chao Chen	Characterisation and control of electrode-tissue contact for radiofrequency ablation of cardiac arrhythmias	Monash University	\$1,256,869.00
2047218	CIA - Prof Zhen (Jeff) Luo CIB - Prof Lining (Arnold) Ju CIC - Dr Xiaoxue Xu CID - Assoc Prof Kristine McGrath CIE - Nigel Jepson CIF - Prof Qian Ma	Pioneering Next-Generation Coronary Stents Through Auxetic Metamaterial Innovation	University of Technology Sydney	\$1,016,813.75
2047241	CIA - Dr Nandita Vijayakumar CIB - Dr Sharon Horwood CIC - Prof Nicholas Allen CID - Mrs Susan Ellul CIE - Assoc Prof Jeromy Anglim CIF - Dr Sian McLean	Social media and adolescent mental health: Causal and real-time insights from a policy-driven natural experiment and digital sensing	Deakin University	\$995,606.20
2047244	CIA - Assoc Prof Manisha Pandey CIB - Dr Victoria Ozberk CIC - Dr Nicholas West CID - Dr Ailin Lepletier de Oliveira CIE - Dr Aroon Supramaniam CIF - Miss Khushi Jain	A Variant-Proof COVID-19 Vaccine Strategy Based on Cryptic Epitopes	Griffith University	\$1,734,537.80



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2047257	CIA - Dr Miles Horton CIB - Dr Thomas Lew CIC - Prof David Gottlieb CID - Assoc Prof Theresa Cole	CELECT: precision gene editing for positive selection of therapeutic cells through drug-titratable in vivo control	The Walter and Eliza Hall Institute of Medical Research	\$1,148,757.52
2047267	CIA - Prof Andrew Rowland CIB - Prof Henk Jan Guchelaar CIC - Assoc Prof Sophie Stocker CID - Prof Andrew McLachlan CIE - Dr Jessica Logan	Tissue Specific Liquid Biopsy to Enhance Medication Efficacy and Safety	Flinders University	\$1,099,541.50
2047290	CIA - Assoc Prof Christina Ekegren CIB - Assoc Prof Richard Beare CIC - Prof Velandai Srikanth CID - Prof Keith Hill CIE - Prof Danny Hills CIF - Assoc Prof Sze-Ee Soh CIG - Dr Michelle Shannon	The Smart Ward: Using advanced localisation-based technologies to understand patient movement and predict adverse events	Monash University	\$1,374,748.86
2047325	CIA - Dr Guy Cameron CIB - Prof Kelvin Kong CIC - Dr Olivia Carroll CID - Ms Toni Manton CIE - Mr Trumaine Rankmore	Modulating iron, a new avenue for upper respiratory infection and otitis media in children	The University of Newcastle	\$1,373,783.46
2047334	CIA - Prof Vanessa Hayes	Revealing prostate tumour mutational and epigenetic signatures of heavy metal exposure	University of Sydney	\$1,284,568.05



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2047345	CIA - Dr Charles Bailey CIB - Dr Bijay Dhungel	Improving the accessibility of adeno-associated virus (AAV) gene therapy	University of Sydney	\$1,944,020.40
2047363	CIA - Prof Carl Feng CIB - Dr Lina Daniel	Unravelling stromal-immune cell crosstalk in chronically inflamed lymph nodes	University of Sydney	\$1,180,488.00
2047369	CIA - Assoc Prof David Frazer CIB - Dr Sheridan Helman CIC - Prof Gregory Anderson	Developing an oral iron supplement for the rapid treatment of iron deficiency.	The Council of the Queensland Institute of Medical Research	\$1,698,206.17
2047376	CIA - Assoc Prof Katie Ayers CIB - Dr Hieu Nim CIC - Dr Lucas Ferreira	Resolving undiagnosed cases of Differences of Sex Development via the regulatory genome	Murdoch Children's Research Institute	\$1,388,374.60
2047402	CIA - Prof Nicholas Anstey CIB - Dr Damian Oyong CIC - Dr Mayimuna Nalubega	The hidden splenic burden of malaria in Africa: pathobiology and barriers to malaria control and elimination	Menzies School of Health Research	\$2,534,507.90
2047407	CIA - Prof Nir Eynon CIB - Dr Macsue Jacques CIC - Prof Silvana Marasco	Molecular Maps of Ageing Across Multiple Tissues	Monash University	\$2,014,101.00



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2047414	CIA - Dr Samantha Barton CIB - Dr David Gonsalvez	Using iPSC-derived Organoids to Understand Remyelination in Multiple Sclerosis	University of Melbourne	\$1,609,776.77
2047444	CIA - Assoc Prof Timothy Wells CIB - Dr Johannes Zuegg CIC - Dr Simon Apte CID - Dr Chandima Divithotawela	Treatment of Pseudomonas aeruginosa by thwarting antibody-dependent enhancement of disease	The University of Queensland	\$1,372,620.65
2047452	CIA - Assoc Prof Paul Licciardi CIB - Dr Nadia Mazarakis CIC - Dr Cattram Nguyen	Transforming knowledge on long-term protective immunity by mRNA and protein vaccines	Murdoch Children's Research Institute	\$1,995,637.90
2047473	CIA - Dr Andrii Slonchak CIB - Dr Leon Hugo CIC - Dr Carla Vieira	A spatial atlas of mosquito gene expression for understanding flavivirus transmission	The Council of the Queensland Institute of Medical Research	\$1,766,237.84
2047483	CIA - Dr Cindy Audiger CIB - Prof Kristen Radford	Overcoming tumour immunosuppression in next generation dendritic cell vaccines	The Walter and Eliza Hall Institute of Medical Research	\$1,630,858.40
2047527	CIA - Assoc Prof Steven Zuryn CIB - Dr Anne Hahn CIC - Dr Chuan-Yang Dai	Combatting mitochondrial DNA mutations with epigenetics	The University of Queensland	\$1,094,716.00



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2047601	CIA - Prof Jennifer Byrne CIB - Dr Amanda Rush	Unknown and possibly non-existent human cell lines in cancer research publications	University of Sydney	\$540,325.25
2047619	CIA - Assoc Prof Melkam Kebede CIB - Prof Peter Thorn	Preserving the beta-cell's insulin secretory granules to treat Type 2 Diabetes	University of Sydney	\$750,239.26
2047628	CIA - Dr Ian Parish CIB - Dr Maria Nogueira de Menezes	Breaking the rules of T cell biology to improve cancer treatment	University of Melbourne	\$1,417,821.28
2047642	CIA - Assoc Prof Patrick Bertolino CIB - Assoc Prof David Bowen	Leveraging hepatic portal tract immunity for therapeutic innovations in liver diseases	University of Sydney	\$1,356,004.00
2047658	CIA - Dr Janessa Pickering CIB - Dr August Mikucki CIC - Dr Emma Haynes CID - Dr Alison Mitchell	Innovative probiotics: a radical, child-friendly approach to prevent GAS pharyngitis, ARF & RHD	University of Western Australia	\$1,518,704.20
2047660	CIA - Prof Lee Wong CIB - Dr Nadine Hein	Exploiting rDNA loci vulnerabilities to treat incurable cancers driven by chromatin mutations	Monash University	\$1,801,979.00
2047679	CIA - Assoc Prof Connie Wong CIB - Dr Joshua Bourne CIC - Dr Michael Whittaker	Novel strategy to reduce neuroinflammation after stroke	Monash University	\$1,129,424.20



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2047687	CIA - Assoc Prof Rachel Hill CIB - Dr Kathryn Davidson	Understanding the impact of COVID-19 during pregnancy on offspring neurodevelopment	Monash University	\$2,238,745.70
2047690	CIA - Prof Anthony Cesare CIB - Dr Harriet Gee	How DNA repair guides cell death and growth arrest	University of Sydney	\$1,360,178.00
2047696	CIA - Prof Peter Crack CIB - Dr Tracy Nero CIC - Dr Dominic De Nardo	Targeting STING in treating traumatic brain injury.	University of Melbourne	\$1,574,721.70
2047698	CIA - Dr Ashley Meakin CIB - Assoc Prof Kathryn Gatford CIC - Assoc Prof Anton Blencowe CID - Prof Anna David CIE - Dr Andrew Melbourne CIF - Dr Mike Seed CIG - Prof Christopher Macgowan	Breaking the cycle of poor maternal, fetal and offspring cardiometabolic health in hyperandrogenic pregnancies	University of South Australia ¹	\$2,273,632.60
2047724	CIA - Dr Glen Carter CIB - Dr Claire Gorrie CIC - Dr Ian Monk CID - Assoc Prof Jason Kwong CIE - Dr Sara Vogrin	A VRE concerning threat: unravelling the mechanisms of daptomycin resistance and spread in Enterococcus faecium	University of Melbourne	\$1,494,516.00
2047727	CIA - Prof David James CIB - Dr Jacqueline Stoeckli CIC - Mr Søren Madsen CID - Dr Oliver Fuller	Genetic Analysis of Metabolic-Associated Liver Disease to Reveal Novel Therapeutic Targets	University of Sydney	\$1,760,872.00



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2047754	CIA - Assoc Prof Wendy Gold CIB - Assoc Prof Carolyn Ellaway CIC - Dr Brian Gloss CID - Dr Nader Aryamanesh	Splicing hope into neurodevelopmental disorders: A novel multi-isoform gene therapy approach	University of Sydney	\$1,714,121.95
2047773	CIA - Prof Rowena Bull CIB - Dr Arunasingam Abayasingam CIC - Prof Andrew Lloyd CID - Dr Bethany Horsburgh CIE - Mr Andrew Flyak	Examining the heritability of immune imprinting	University of New South Wales	\$1,633,368.05
2047781	CIA - Dr Marcus Robinson CIB - Prof Menno van Zelm CIC - Dr Simone Reinwald CID - Prof Robyn O'Hehir	Targeting the type 2 memory B cell-IgE axis to resolve allergies	Monash University	\$1,393,982.68
2047804	CIA - Prof Susan Rees CIB - Dr Lyndon Reilly CIC - Dr Michael Adams CID - Dr Alvin Kuowei Tay CIE - Ms Teresa Gibson	Enabling Communities Translation Project (ECTP) to Improve Social and Emotional Wellbeing in Remote First Nations Communities.	University of New South Wales	\$1,778,207.00
2047815	CIA - Dr Kai Chen CIB - Dr Matthew Greenblatt CIC - Dr Haibo Jiang CID - Assoc Prof Nicolas Taylor CIE - Assoc Prof Alka Saxena	Targeting glucose-driven adiposity in bone marrow to ameliorate bone loss	University of Western Australia	\$1,300,369.00



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2047845	CIA - Prof Margaret Sunde CIB - Assoc Prof Catherine Suter CIC - Assoc Prof Michael Buckland	From Impact to Impairment: detecting the unique signature of chronic traumatic encephalopathy	University of Sydney	\$1,171,062.00
2047884	CIA - Prof David CS Huang CIB - Dr Thomas Lew CIC - Dr Kate McArthur CID - Dr Mark van Delft CIE - Assoc Prof Jeffrey Babon	Targeting a previously unrecognised cellular stress-sensing node for the treatment of blood cancers	The Walter and Eliza Hall Institute of Medical Research	\$1,382,255.14
2047901	CIA - Dr Lipin Loo CIB - Dr Jan Mulder CIC - Dr Shiping Liu	Data Driven Development of mRNA Analgesics	University of Sydney	\$1,191,814.00
2047915	CIA - Dr Harry Horsnell CIB - Prof Veronika Lukacs-Kornek	Reversing Local Corruption of Metastatic Lymph Nodes: A Novel Approach to Advanced Cancer Treatment	University of Melbourne	\$1,363,480.00
2047925	CIA - Dr Sandro Ataide CIB - Dr Samantha Ginn	Exploiting the seekRNA gene insertion capability to improve gene therapy in liver diseases	University of Sydney	\$1,248,914.00



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2047939	CIA - Assoc Prof Tamara Mackean CIB - Mr Tirritpa Ritchie CIC - Miss Alicia Dunning CID - Dr Amy Marshall CIE - Dr Michelle Watson CIF - Prof Troy Meston CIG - Mr Douglas Clinch CIH - Dr Matthew Fisher	Cultivating First Peoples' healing through food sovereignty and first foods.	Flinders University	\$3,064,128.05
2047944	CIA - Assoc Prof Maté Biro CIB - Dr Szun Tay CIC - Dr Philip Tong CID - Dr Peter Newman	Mechanical and stromal induction of NK cell-mediated remote killing of solid tumours	University of New South Wales	\$1,303,318.00
2047980	CIA - Prof Luke Selth CIB - Dr Raj Shrestha CIC - Dr Jianling Xie CID - Assoc Prof Ian Mills	Ramping up proteotoxic stress to kill prostate cancer	Flinders University	\$724,196.50
2047991	CIA - Dr Daniel Utzschneider CIB - Dr Annika Poch	Balancing self-renewal versus differentiation to promote T cell responses in chronic infection and cancer	University of Melbourne	\$1,037,708.00
2047999	CIA - Dr Clare Weeden CIB - Asst Prof Emilia Lim	Molecular impact of climate change upon respiratory health	The Walter and Eliza Hall Institute of Medical Research	\$1,127,344.09



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2048000	CIA - Assoc Prof Fiona Brownfoot CIB - Dr Debjyoti Karmakar	Preventing stillbirths globally: artificial intelligence decision support for fetal asphyxia detection in labour.	University of Melbourne	\$988,090.10
2048027	CIA - Assoc Prof Kate Lawlor CIB - Dr Timothy Gottschalk CIC - Dr Deepagan Veerasikku Gopal	Necrotic regulation of NETosis and tissue damage in autoimmune vasculitis	Monash University	\$1,715,183.60
2048038	CIA - Dr Kristi Griffiths CIB - Prof Sarah Maguire CIC - Assoc Prof Samantha Hocking CID - Ms Emma Bryant CIE - Dr Kelly Dann	"Why don't you just eat?": Fear, Reward and Self-Starvation in Anorexia Nervosa	University of Sydney	\$1,105,550.40
2048064	CIA - Prof Stewart Trost CIB - Dr George Thomas CIC - Dr Taren Sanders CID - Assoc Prof Sjaan Gomersall CIE - Dr Amy Mitchell CIF - Prof Alina Morawska CIG - Prof Stuart Biddle CIH - Prof Geoffrey McLachlan	The Screen Use Taxonomy: a new framework for investigating the harms and benefits of screen time among children and adolescents	The University of Queensland	\$1,775,419.55



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2048068	CIA - Assoc Prof Anselm Enders	Pathogenic point mutations in IRF4 cause selective dysregulation of the germinal centre and terminal B cell differentiation	Australian National University	\$1,491,361.23
2048076	CIA - Dr Carlie Cullen CIB - Dr Barbora Fulopova CIC - Dr Raphael Ricci CID - Dr Jereme Spiers	Timing is everything: unravelling the role of developmental myelination in neural network function	The University of Queensland	\$2,023,041.52
2048077	CIA - Assoc Prof Sophie Payne CIB - Dr Tomoko Hyakumura CIC - Assoc Prof Peta Grigsby CID - Dr Alexander Thompson	A novel treatment for drug-resistant epilepsy: abdominal vagus nerve stimulation	The Bionics Institute of Australia	\$1,042,656.30
2048101	CIA - Prof Maria Kambanaros CIB - Dr James Walsh CIC - Dr Matthew Berryman CID - Dr Ellen Williams CIE - Mr Dean Fyfe CIF - Dr Brenton Hordacre CIG - Prof Ian Kneebone	Developing a Virtual Interactive platform to Treat Anomic Language	Adelaide University	\$902,037.25
2048121	CIA - Assoc Prof Carlo Pulitano CIB - Mr Daniel Babekuhl CIC - Valeria Mas CID - Michael Crawford	Organ Preservation Without Time Constraint via an Innovative AI-driven Autoregulated Organ Perfusion Platform	University of Sydney	\$1,607,337.72

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2048122	CIA - Assoc Prof Carlo Pulitano CIB - Valeria Mas CIC - Michael Crawford CID - Mr Daniel Babekuhl CIE - Dr Ngee-Soon Lau CIF - Mark Ly	Revolutionising Liver Transplantation: Growing Full-Size Grafts Ex-Situ Using a Novel Regenerative Perfusion Platform	University of Sydney	\$1,996,304.30
2048137	CIA - Prof Thomas Gebhardt	Understanding and harnessing the role of IFN γ in metastatic lymph nodes	University of Melbourne	\$1,841,107.50
2048156	CIA - Prof Damien Keating CIB - Assoc Prof Youichirou Ootsuka CIC - Assoc Prof Guillaume de Lartigue CID - Dr Valerie Taylor	Targeting the gut-brain axis to create better outcomes in bipolar disorder	Flinders University	\$1,923,419.50
2048194	CIA - Prof Elizabeth Hartland CIB - Assoc Prof Edward Giles CIC - Dr Eva Chan CID - Assoc Prof Jaclyn Pearson	Mechanisms of mucosal damage and repair during bacterial gut infection	Monash University	\$1,624,738.40
2048195	CIA - Prof Tari Turner CIB - Dr Samantha Chakraborty CIC - Prof Sally Green CID - Dr Steven McDonald CIE - Dr Shaira Baptista	LATEST - Integrating Living evidence syntheses into Adaptive platform Trials to increase Efficiency and Support Translation	Monash University	\$1,469,761.40
2048204	CIA - Prof Grant Drummond CIB - Prof Tomasz Guzik CIC - Dr Hericka Figueiredo Galvao	Targeting interleukin 18-mediated inflammation to treat abdominal aortic aneurysm	La Trobe University	\$1,737,001.00



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2048215	CIA - Dr Christina Cortez-Jugo CIB - Assoc Prof Francesca Cavalieri CIC - Dr Sukhvir Kaur Bhangu	Developing nanoparticle therapies for acute myeloid leukemia	University of Melbourne	\$1,004,000.00
2048260	CIA - Dr Michael Roche CIB - Dr Paula Cevaal	Leveraging mRNA and lipid nanoparticle technology to develop a cure for HIV	University of Melbourne	\$1,228,575.90
2048263	CIA - Dr Muhammad Kamruzzaman CIB - Prof Jonathan Iredell	Novel probiotic plasmids to protect microbiota from invasion by antimicrobial resistance	University of Sydney	\$1,398,453.00
2048289	CIA - Prof Guiying Nie CIB - Dr Yao Wang CIC - Dr Fateme Akhlaghi Bagherjeri CID - Dr Peter Thurgood CIE - Dr Crispin Szydzik CIF - Prof Madhu Bhaskaran	New understanding and prediction of preeclampsia	RMIT University	\$1,867,360.60
2048290	CIA - Dr Hugh Simpson CIB - Prof Gregory Worrell CIC - Dr Andre Peterson CID - Assoc Prof Mohammadreza Nazemzadeh CIE - Dr Nicholas Gregg CIF - Dr Fiona Permezel CIG - Dr Benjamin Brinkmann CIH - Prof Dominic Thyagarajan	Transforming epilepsy outcomes with personalised deep brain stimulation	Monash University	\$1,828,562.60



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2048294	CIA - Prof Lisa Horvath CIB - Assoc Prof David Labbé CIC - Dr Tahlia Scheinberg	Targeting metastatic prostate cancer by exploiting vulnerabilities in lipid metabolism	University of Sydney	\$939,411.60
2048300	CIA - Prof Roger CHUNG CIB - Dr Jennilee Davidson	Developing innovative disease-regulated control methods for MND gene therapies	Macquarie University	\$1,408,596.00
2048308	CIA - Prof Rebecca McKetin CIB - Prof Matthew Hickman CIC - Assoc Prof Hayley Jones CID - Prof Paul Dietze CIE - Prof Joseph Boden CIF - Dr Nathan Monk CIG - Dr Chrianna Bharat CIH - Prof Paul Griffiths	Developing a universal data linkage platform to understand, monitor and respond to illicit drug use, risks & health outcomes in Australia.	University of New South Wales	\$4,189,339.20
2048353	CIA - Dr Anna Sheppard CIB - Prof Amy Mathers CIC - Dr Shireen Kotay CID - Assoc Prof Nicole Stoesser	Beyond Bacterial Lineages: A Mobile Genetic Element-Centred Framework for Tracking Antimicrobial Resistance Genes	Adelaide University	\$777,551.50
2048355	CIA - Dr Gordana Rasic CIB - Mr Brian Montgomery CIC - Prof John Marshall	PORTS: Precision Optimization for Resilient Targeted Surveillance of exotic mosquito vectors at first points of entry	The Council of the Queensland Institute of Medical Research	\$1,331,549.80



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2048369	CIA - Prof Eddy Kizana CIB - Dr Dhanya Ravindran CIC - Dr Ivy Chiang	Definitive and Personalised Therapy for Genetic Heart Disease	University of Sydney	\$1,558,213.50
2048376	CIA - Assoc Prof Nicholas Veldhuis CIB - Prof Johannes Kern CIC - David Rudd CID - Dr Alexander Nystrom CIE - Dr Luke Pattison	Dissecting chronic pain in Epidermolysis Bullosa to identify new analgesic targets	Monash University	\$1,536,992.40
2048380	CIA - Prof Ruth Arkell CIB - Prof Julia Horsfield CIC - Prof Matthew Deardorff CID - Assoc Prof Stephen Twigg	How to build the embryonic midline	Australian National University	\$1,732,552.00
2048430	CIA - Prof Helen Abud CIB - Dr Shanika Amarasinghe	Harnessing Neuregulin to drive mucosal repair in the intestine	Monash University	\$1,766,740.00
2048447	CIA - Dr Morgan James CIB - Dr Robyn Brown CIC - Assoc Prof Laura Jacobson	Rethinking the Treatment of Binge Eating Disorder: Sleep as a Novel, Modifiable Target	University of Sydney	\$1,868,954.81
2048460	CIA - Prof Stuart Ralph CIB - Prof Justine Mintern	Decoding the epitranscriptome of mRNA vaccines	University of Melbourne	\$936,248.00



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2048471	CIA - Prof Roger Reddel CIB - Dr Adel Aref CIC - Dr Rosemary Habib CID - Dr Mohashin Pathan CIE - Dr Anh Tran CIF - Assoc Prof Adnan Nagrial CIG - Dr Danh Tai Hoang CIH - Dr Peter Hains CII - Mrs Spinder Samra CIJ - Dr Roger Liang	Stratifying immunotherapy using integrated proteomics and digital pathology: a novel cost-effective multimodal approach	University of Sydney	\$1,219,407.50
2048478	CIA - Prof Andrew Brooks CIB - Dr Philippa Saunders CIC - Dr Jan Petersen	Understanding the function of activating KIR	University of Melbourne	\$1,266,327.20
2048494	CIA - Dr Kira Behrens CIB - Dr Raymond Yip	Unravelling the Dynamic Crosstalk Between Malignant Haematopoiesis and the Bone Marrow Niche in Myeloproliferative Neoplasms	The Walter and Eliza Hall Institute of Medical Research	\$1,075,395.30
2048550	CIA - Dr Tom Weber	A CCTV analog recorder for mouse embryogenesis	The Walter and Eliza Hall Institute of Medical Research	\$862,970.82
2048561	CIA - Dr Christina Mo CIB - Prof Rajesh Rao	Novel neuronal circuits for predictive coding	University of Melbourne	\$1,326,924.00



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2048567	CIA - Assoc Prof Sarah Dunstan CIB - Dr Xuling Chang CIC - Dr Rajkumar Dorajoo CID - Assoc Prof Thuong Nguyen CIE - Dr Chiea Chuen Khor	Decoding TB susceptibility and its genomic link to ageing and chronic disease	University of Melbourne	\$1,635,122.65
2048590	CIA - Assoc Prof Wayne Crismani CIB - Dr Caitlin Harris CIC - Ms Chirantani Mukherjee	Fanconi Anaemia at the crossroads of diagnosis and discovery	St Vincent's Institute of Medical Research	\$999,981.69
2048592	CIA - Prof Juanita Todd CIB - Dr Lauren Harms CIC - Prof Deborah Hodgson CID - Assoc Prof Jordan Hamm CIE - Françoise Lecaigard CIF - Dr Jérémie Mattout	Signatures of disordered sensory gating and the importance of regulatory control.	The University of Newcastle	\$644,689.94
2048602	CIA - Prof Avril Robertson CIB - Assoc Prof Matthew Cordes CIC - Dr Natalie Saez CID - Dr Akshita Kumar Dhawan CIE - Ms Alexandra Sundman	New therapies to combat deadly spider bites	The University of Queensland	\$991,497.50
2048611	CIA - Assoc Prof Susannah Tye CIB - Prof Abbas Kouzani CIC - Dr Roger Varela CID - Dr Dean Corva	An intelligent deep brain stimulation approach for treating human movement disorders	The University of Queensland	\$1,700,488.58



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2048633	CIA - Prof Robert Widdop CIB - Dr Mark Del Borgo CIC - Assoc Prof Avik Majumdar CID - Dr Yan Wang CIE - Miss Isabella Simon	Novel angiotensin therapies to treat liver fibrosis	Monash University	\$1,895,483.60
2048635	CIA - Prof Matthew Sweet CIB - Dr Divya Ramnath	Manipulating macrophage metabolism to target inflammation	The University of Queensland	\$956,293.00
2048638	CIA - Dr David Tsai CIB - Assoc Prof Hongki Kang CIC - Assoc Prof Sanghoon Lee CID - Prof Nigel Lovell	Stretchable, miniature wireless implants for investigations and medical interventions in the spinal cord and peripheral nerves	University of New South Wales	\$1,714,390.40
2048655	CIA - Dr Ann Frazier CIB - Dr Alison Compton CIC - Dr Kiyomet Bozaoglu	Unravelling mitochondrial ATAD3 as an underappreciated cause of rare disease	Murdoch Children's Research Institute	\$1,338,425.20
2048665	CIA - Assoc Prof Steven Zuryn CIB - Mr Daniel Campbell CIC - Arnaud Ahier	Combatting mitochondrial DNA mutations using microbe-host signalling	The University of Queensland	\$1,071,074.00
2048671	CIA - Prof Judy de Haan CIB - Prof Prabhakara Nagareddy	Identifying a unique anti-inflammatory therapy to treat heart failure after a heart attack.	Baker Heart and Diabetes Institute	\$1,432,252.60



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2048678	CIA - Dr Sylvie Callegari CIB - Dr Sylvain Trepout	ACTIVATING PINK1-MEDIATED DAMAGE SIGNALLING TO ENHANCE MITOCHONDRIAL CLEANUP	The Walter and Eliza Hall Institute of Medical Research	\$1,231,582.30
2048679	CIA - Assoc Prof Angus Johnston CIB - Dr Victoria McLeod CIC - Prof Colin Pouton	Precise depletion of metastatic cancer using targeted mRNA	Monash University	\$1,984,695.00
2048710	CIA - Prof Brian Oliver	Why is asthma different in boys and girls?	University of Technology Sydney	\$1,399,960.40
2048713	CIA - Prof Stephen Turner CIB - Assoc Prof Toby Bell	Targeting PRC1: The Impact of CBX4 and CBX7 on T Cell Genomic Regulation and Function	Monash University	\$1,328,769.60
2048726	CIA - Prof Nicola Harris CIB - Dr Aidil Zaini	Beyond immunosuppression: targeting mucosal healing in inflammatory bowel disease.	Monash University	\$1,296,412.59
2048752	CIA - Prof Jyotsna Batra CIB - Assoc Prof Sally-Anne Stephenson CIC - Dr Ian Vela CID - Dr Rupert Ecker	PSA Variants as Bifunctional Modulators of Prostate Cancer	Queensland University of Technology	\$1,551,790.90



App ID	Chief Investigator Name(s)	Application Title	Administering Institution	Budget
2048765	CIA - Dr Sarah Withey CIB - Prof David Coman CIC - Dr Hannah Leeson	Therapeutic development targeting newly identified mechanism of Ataxia Telangiectasia disease	The University of Queensland	\$781,640.80
2048769	CIA - Dr Wing Fuk Chan CIB - Dr Sara Tomei	Uncovering the hidden regulators of human haematopoietic stem & progenitor cell engraftment and fate	The Walter and Eliza Hall Institute of Medical Research	\$755,938.60
2048799	CIA - Dr Melinda Hardy CIB - Dr Jessica Harte	Defining plasticity of human T cell exhaustion by leveraging gluten challenge in coeliac disease	The Walter and Eliza Hall Institute of Medical Research	\$1,435,213.60
2048820	CIA - Assoc Prof Grant Logan CIB - Prof Robert McKenna	Overcoming anti-AAV IgA antibodies: a barrier for gene therapy hiding in plain sight	University of Sydney	\$1,501,207.50
2048839	CIA - Prof Nicholas West CIB - Dr Emily Strong CIC - Dr Shun Jie Wun	Communication is Key - Disrupting the Lines of Communications in TB	The University of Queensland	\$1,388,163.50
2048847	CIA - Prof Daniel Kolarich CIB - Dr Rebecca Griffiths CIC - Prof Michael Simmonds CID - Dr Larissa Dirr	Manufacturing Red Blood Cells: The Critical Role of Glycosylation in Cytokine Signalling	Griffith University	\$1,674,795.40



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2048875	CIA - Prof Luke Guddat CIB - Prof Craig Williams CIC - Prof Gerhard Schenk	Triazolopyrimidines as versatile antibiotics	The University of Queensland	\$1,163,077.00
2048896	CIA - Prof Mark Schembri CIB - Dr Minh Duy Phan CIC - Dr Nhu Nguyen	How an emergent multidrug resistant atypical E. coli clone causes urinary tract infection	The University of Queensland	\$1,731,864.75
2048904	CIA - Dr Michelle Tollit CIB - Dr Isabel Prochner CIC - Dr Michele O'Connell CID - Rushani Wijesuriya CIE - Dr Pip Buckingham CIF - Dr Timothy Cronin CIG - Dr Lou Kerley CIH - Dr Cate Rayner CII - Assoc Prof Magenta Simmons CIJ - Assoc Prof Bonnie Furzer	Investigating the effects of chest binding on physical and mental health outcomes in transgender and gender-diverse adolescents assigned female at birth	Murdoch Children's Research Institute	\$3,103,115.20
2048925	CIA - Dr Andre Samson CIB - Assoc Prof Britt Christensen CIC - Dr Ka Yee FUNG CID - Dr Isabella Kong	Understanding how MLKL regulates Inflammatory Bowel Disease	The Walter and Eliza Hall Institute of Medical Research	\$1,391,473.80
2048936	CIA - Prof Ian Wicks CIB - Dr Behnaz Heydarchi CIC - Dr Aspasia Pefanis	A new approach to preventing haemolytic disease of the foetus and newborn	The Walter and Eliza Hall Institute of Medical Research	\$1,101,946.50



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2048965	CIA - Prof Michaela Lucas CIB - Dr Amy Prosser	Identifying common features of the alloresponse to solid organ transplantation using cell surface proteomics	University of Western Australia	\$1,624,544.51
2048973	CIA - Prof Paul Hertzog CIB - Dr Nicole de Weerd CIC - Dr Hariharan Sivaraman	Identification and Selective targeting of proinflammatory effects of interferons	Monash University	\$2,324,606.50
2049013	CIA - Dr Hardip Patel CIB - Mrs Azure Hermes CIC - Mr Adam Heterick CID - Dr Andre Luiz Martins Reis	Pangenome framework to infer clinical relevance of medically relevant complex genes in Indigenous populations	Australian National University	\$1,163,225.20
2049030	CIA - Dr Morven Cameron CIB - Assoc Prof Ronald Lane Brown CIC - Assoc Prof Benjamin Sivyer	From eye to brain: how retinal dopamine shapes the visual highway during development	Western Sydney University	\$1,009,535.20
2049037	CIA - Assoc Prof Daniel Carter CIB - Dr Sylvia Chung CIC - Miss Ellen Westerhout	Rewiring neuroblastoma cell fate: A single-cell mapping strategy to optimise retinoid differentiation therapy	University of Technology Sydney	\$1,135,225.50



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2049042	CIA - Prof Gordon Lynch CIB - Dr Daniel Heath CIC - Dr Kristy Swiderski CID - Dr Kristian Kempe	Bioactive scaffolds to promote the restoration of muscle function in injury and disease	University of Melbourne	\$1,356,187.00
2049044	CIA - Prof Andrew Elefanty CIB - Dr Elizabeth Ng CIC - Prof Edouard Stanley	An autologous iHSC therapy for haematologic neoplasms with germline predisposition	Murdoch Children's Research Institute	\$1,716,170.00
2049052	CIA - Dr Jun Okabe CIB - Dr Harikrishnan Kaipananickal CIC - Dr scott maxwell	Targeting Set7 lysine methyltransferase in endothelial cells for diabetic vascular disease	Baker Heart and Diabetes Institute	\$817,722.00
2049105	CIA - Assoc Prof Tu Nguyen-Dumont CIB - Dr Enes Makalic CIC - Dr Michael Rodriguez CID - Dr Heidi Fettke CIE - Dr Karen Alpen CIF - Prof Justin Moore CIG - Assoc Prof Eng-Siew Koh CIH - Dr Gwo Yaw Ho	Leveraging AI-driven genomics to accelerate precision medicine for brain cancer	Monash University	\$1,757,229.50
2049113	CIA - Dr Vicki Athanasopoulos CIB - Dr Morgan Downes	Resolving how A20 variants drive toll-like receptor mediated kidney disease in Indigenous Australians	Australian National University	\$1,575,820.00



App ID	Chief Investigator Name(s)	Application Title	Administering Institution	Budget
2049141	CIA - Dr Christopher McMillan CIB - Rhys Parry CIC - Prof Alexander Khromykh CID - Dr Laura Leighton	Future RNA therapeutics: a dual-action self-amplifying RNA platform	The University of Queensland	\$1,391,798.00
2049171	CIA - Dr Catherine Bondonno CIB - Prof Jon Lundberg CIC - Prof Anne Tjønneland CID - Prof Kevin Croft CIE - Dr Wei Zheng CIF - Prof Jens Sloth CIG - Prof Xingqian Ye CIH - Dr Nicola Bondonno CII - Dr Agnieszka Anna Niklas CIJ - Dr Martin Steen Mortensen	Dual origins, common threats: mapping endogenous and exogenous N-nitrosamine formation and chronic disease pathogenesis	Edith Cowan University	\$1,715,127.80
2049193	CIA - Prof Kiarash Khosrotehrani CIB - Dr Edwige Roy CIC - Dr Ralph Patrick CID - Dr Chenhao Zhou	Reprogramming Skin Fate: Decoding Clonal Competition in Aged, UV-Damaged Fields to Prevent Carcinoma	The University of Queensland	\$1,252,938.40
2049226	CIA - Assoc Prof Richard Tothill CIB - Dr Ruining Dong CIC - Dr Aidan Flynn	Development of a multi-omic liquid biopsy test for cancer of unknown primary	University of Melbourne	\$1,764,275.95



App ID	Chief Investigator Name(s)	Application Title	Administering Institution	Budget
2049235	CIA - Prof Mehmet Yuce CIB - Dr Tuguy Esgin CIC - Assoc Prof Shanti Raman CID - Prof Mark Halaki CIE - Dr Anastasia Mihailidou CIF - Esther Davis	AI-Enhanced Smartphone Camera-Based Blood Pressure Measurement	Monash University	\$1,480,032.00
2049252	CIA - Dr Christian Nefzger CIB - Prof Elizabeth Powell CIC - Dr Ralph Patrick CID - Prof Andrew Clouston	Targeting the ageing liver transcription factor network to prevent and treat MASLD	The University of Queensland	\$1,559,276.50
2049254	CIA - Assoc Prof Tamas Fischer CIB - Assoc Prof Elizabeth Hinde	Breaking the monopoly: A Parallel Route for mRNA Export	Australian National University	\$1,298,810.00
2049275	CIA - Dr Bianca Jupp	Impulsivity during methamphetamine withdrawal: exploring a novel interaction between dopamine and the neuroimmune system	Monash University	\$2,717,113.88
2049352	CIA - Dr Daniel Watterson CIB - Dr Summa Bibby	Locking down the flavivirus virion for next-generation vaccines and therapies	The University of Queensland	\$1,423,596.00

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2049374	CIA - Dr Patrick Lelliott CIB - Dr Anna Watson CIC - Dr Cassandra Rauert CID - Dr David Marciano CIE - Dr Alison Hobro CIF - Assoc Prof Nicholas Smith	Micro- and Nanoplastics in Atherosclerosis: Assessing Vascular and Immune Responses	Baker Heart and Diabetes Institute	\$1,223,135.40
2049401	CIA - Prof John Mattick CIB - Dr Mitchell Cummins CIC - Dr Sonia Hesam Shariati CID - Dr Lachlan Ferguson	Uncovering molecular factors predisposing to neuropsychiatric disorders	University of New South Wales	\$1,536,510.85
2049456	CIA - Assoc Prof Richard Mills CIB - Dr Peter Houweling CIC - Dr Natasha Tuano CID - Dr Kevin Watt CIE - Dr Ian Woodcock	Patient derived skeletal muscle models to discover therapies for Facioscapulohumeral muscular dystrophy	Murdoch Children's Research Institute	\$1,275,022.00
2049486	CIA - Assoc Prof James Van Gelder CIB - Assoc Prof Damia Mawad CIC - Dr Philip Boughton CID - Dr Ross Copping CIE - Dr Mrudula Krishnaswamy CIF - Ms Paraskevi Drakoulidou	Injectable bioscaffold for soft tissue applications: reversible arterial embolization.	University of New South Wales	\$1,441,925.89
2049488	CIA - Prof Brandon Wainwright CIB - Marija Kojic CIC - Dr Bijun Zeng CID - Dr Venkateswar Addala	An mRNA vaccine to treat paediatric brain cancer	The University of Queensland	\$1,040,366.70



App ID	Chief Investigator Name(s)	Application Title	Administering Institution	Budget
2049492	CIA - Prof Martin Scanlon CIB - Assoc Prof Christoph Nitsche CIC - Dr Manuela Jorg CID - Dr Indu Chandrashekar	Development of pan-flaviviral protease inhibitors	Monash University	\$1,106,679.00
Total				\$279,869,438.73