



Investigator Grant Applications for Funding Commencing in 2021

Investigator Grants is NHMRC’s flagship scheme which accounts for 40% of the Medical Research Endowment Account. It consolidates previously separate fellowship and research support into one grant scheme that provides researchers at all career stages with funding for their salary (if required) as well as a research support package over 5 years.

The objective of the Investigator Grant scheme is to support the research program of outstanding investigators at all career stages.

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

Leadership Level Applications

App ID	Category Level	Chief Investigator Name	Application Title	Administering Institution	Budget \$
APP1193596	Leadership 2	Professor Paul Fitzgerald	Brain stimulation therapeutics for mental health disorders: from concept to clinical application	Monash University	\$2,116,312.00
APP1193630	Leadership 2	Professor Stephen Fox	Translating molecular pathology into cancer diagnostics	University of Melbourne	\$2,285,520.00
APP1193647	Leadership 3	Professor Eric Reynolds	The bacterial type IX secretion system in polymicrobial dysbiosis and chronic inflammation	University of Melbourne	\$1,900,000.00
APP1193648	Leadership 1	Professor Russell Dale	Targeting the immune cells of the brain to develop novel treatments for neurodevelopmental and mental health problems in children	University of Sydney	\$1,800,000.00
APP1193745	Leadership 1	Doctor Alexandra Corbett	Targeting vitamin-reactive T cells for enhanced immunity	University of Melbourne	\$2,590,576.00



App ID	Category Level	Chief Investigator Name	Application Title	Administering Institution	Budget \$
APP1193766	Leadership 1	Associate Professor Kim Delbaere	Active Lifestyle Programs for Healthy Ageing (ALPHA)	University of New South Wales	\$2,305,159.88
APP1193838	Leadership 2	Professor Martha Hickey	Better evidence and new tools to improve health after surgical menopause	University of Melbourne	\$1,855,260.00
APP1193840	Leadership 3	Professor Peter Sly	Early life exposures and chronic disease: mechanisms and preventative strategies	The University of Queensland	\$2,714,215.00
APP1193993	Leadership 1	Professor Shyamali Dharmage	Healthy Lungs for Life: A Life Course Approach to Reduce COPD	University of Melbourne	\$2,491,397.92
APP1194004	Leadership 3	Professor Paul Keall	Cancer Imaging and Targeted Radiation Therapy: From Discovery to Clinical Practice	University of Sydney	\$2,114,215.00
APP1194028	Leadership 3	Professor Ashley Bush	Iron in diseases of the ageing brain: from bench to clinic	University of Melbourne	\$1,814,215.00
APP1194130	Leadership 3	Professor Mark Walker	Scarlet fever pandemic and reversing antibiotic resistance	The University of Queensland	\$3,414,215.00
APP1194141	Leadership 3	Professor Mark Febbraio	Development of novel therapies to treat obesity related metabolic diseases	Monash University	\$2,981,372.00
APP1194178	Leadership 3	Professor Ruth Hall	Understanding the development and spread of pan resistance in Acinetobacter baumannii	University of Sydney	\$2,339,215.00
APP1194206	Leadership 2	Professor Marcello Rosa	Pathways to vision following lesions of the primary visual cortex	Monash University	\$2,500,000.00
APP1194263	Leadership 3	Professor Michael Parker	Understanding cell signalling as a basis for new therapeutics	University of Melbourne	\$2,231,372.00
APP1194264	Leadership 2	Professor Glenn Marshall	Improving outcomes for children with cancer: targeted treatments and prevention	University of New South Wales	\$900,000.00
APP1194283	Leadership 3	Professor Chris Maher	Delivering the right care for low back pain	University of Sydney	\$2,514,215.00



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APP1194322	Leadership 3	Professor Margaret Hellard	The elimination of viral hepatitis and ending HIV/AIDS as global health threats.	Burnet Institute	\$2,114,215.00
APP1194325	Leadership 2	Professor Tim Stinear	Understanding complex genomic and biochemical landscapes in human health microbiology	University of Melbourne	\$2,210,520.00
APP1194329	Leadership 1	Associate Professor Andrew Murphy	Controlling the haematopoietic system to treat cardiovascular disease	Baker Heart and Diabetes Institute	\$2,163,220.00
APP1194330	Leadership 1	Associate Professor Aaron Jex	Systems-based study, intervention, diagnosis and control of gastrointestinal parasites	The Walter and Eliza Hall Institute of Medical Research	\$2,538,220.00
APP1194334	Leadership 2	Professor Andreas Obermair	Creating treatment options for endometrial cancer through high-level clinical trials	The University of Queensland	\$2,508,156.00
APP1194345	Leadership 1	Associate Professor Marnie Blewitt	Precision epigenetics: targeting the epigenome to treat disease	The Walter and Eliza Hall Institute of Medical Research	\$1,940,576.00
APP1194406	Leadership 1	Professor Matthew Sweet	Reprogramming innate immunity to combat inflammatory and infectious diseases	The University of Queensland	\$1,788,220.00
APP1194410	Leadership 2	Professor Nehmat Houssami	Comparative effectiveness of breast tomosynthesis and mammography in real-world population screening: Evidence to underpin and improve breast cancer screening	University of Sydney	\$1,851,429.69
APP1194462	Leadership 3	Professor Don McManus	A worm-free world: defeating parasitic helminths via global integrated control	The Council of the Queensland Institute of Medical Research	\$2,714,215.00
APP1194466	Leadership 1	Professor Krasimir Vasilev	Next generation of medical devices and diagnostics	University of South Australia	\$2,738,220.00



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APP1194467	Leadership 1	Professor Kieran Harvey	The Hippo pathway in development and cancer	University of Melbourne	\$2,088,220.00
APP1194482	Leadership 1	Associate Professor Thomas Gebhardt	Understanding and harnessing immunity to fight melanoma	University of Melbourne	\$3,138,220.00
APP1194483	Leadership 3	Professor Rachelle Buchbinder	Better evidence more rapidly implemented to optimise health for people with musculoskeletal conditions	Monash University	\$2,914,215.00
APP1194485	Leadership 3	Professor David Johnson	Increasing global equity in access to end-stage kidney disease care through better peritoneal dialysis affordability, practice, quality and outcomes	The University of Queensland	\$2,511,960.40
APP1194510	Leadership 2	Professor Emmanuel Stamatakis	Reducing the burden of physical inactivity and excessive sedentary behaviour through FIT (Feasible, Inclusive, Thorough) guidelines	University of Sydney	\$2,060,520.00
APP1194535	Leadership 3	Professor Alan Cowman	Malaria and development of new antimalarials	The Walter and Eliza Hall Institute of Medical Research	\$3,231,372.00
APP1194605	Leadership 3	Professor Jane Visvader	Deciphering mechanisms underlying breast cancer to improve patient outcomes	The Walter and Eliza Hall Institute of Medical Research	\$3,314,215.00
APP1194630	Leadership 1	Professor Anna Peeters	Evidence-based healthy food provision at scale	Deakin University	\$1,783,164.70
APP1194667	Leadership 3	Professor Robyn Guymer	Age related macular degeneration: novel ways to reduce vision loss through understanding a high-risk phenotype and validating a new early intervention.	Centre for Eye Research Australia Limited	\$2,156,372.00



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APP1194677	Leadership 3	Professor Alan Cass	Driving change to improve Aboriginal and Torres Strait Islander kidney health	Menzies School of Health Research	\$1,050,000.00
APP1194678	Leadership 1	Professor Allen Cheng	Preventing illness and death from severe influenza in Australia	Monash University	\$1,719,110.00
APP1194679	Leadership 2	Professor Karen Canfell	Realising the World Health Organisation targets for elimination of cervical cancer as a public health problem: Effective implementation and scale-up of HPV vaccination and cervical screening in Australia, regionally, and globally	Cancer Council NSW	\$2,125,000.00
APP1194698	Leadership 1	Professor Louise Maple-Brown	Improving diabetes-related health outcomes with Aboriginal and Torres Strait Islander people across the lifecourse	Menzies School of Health Research	\$2,567,932.00
APP1194737	Leadership 2	Professor David Hunter	Transforming treatment options and delivery of care for osteoarthritis	University of Sydney	\$2,510,793.24
APP1194829	Leadership 2	Professor Flavia Cicuttini	Optimizing the management of osteoarthritis through research and innovation	Monash University	\$2,889,164.10
APP1194914	Leadership 3	Professor Georgia Chenevix-Trench	Understanding the genetic basis of breast cancer: translation to primary and secondary prevention	The Council of the Queensland Institute of Medical Research	\$2,731,372.00
APP1194937	Leadership 3	Professor Paul Hodges	From understanding the mechanisms to implementing conservative management of musculoskeletal conditions	The University of Queensland	\$2,339,215.00
APP1194982	Leadership 1	Professor Felice Jacka	Nutritional Psychiatry: extending the evidence and ensuring translation	Deakin University	\$2,238,220.00



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APP1195021	Leadership 3	Professor Mark Gillies	Fighting Retinal Blindness: learn from the past, improve the present and explore the future of treatments for Macular diseases.	University of Sydney	\$2,039,950.50
APP1195038	Leadership 3	Professor John Silke	Cell death and inflammation	The Walter and Eliza Hall Institute of Medical Research	\$3,164,215.00
APP1195099	Leadership 2	Professor Mark Jenkins	Tackling Australia's low screening participation to prevent bowel cancer deaths	University of Melbourne	\$2,188,416.00
APP1195236	Leadership 1	Professor Melanie Bahlo	Gene discovery and functional insights for neurological and retinal disorders	The Walter and Eliza Hall Institute of Medical Research	\$2,163,220.00
APP1195284	Leadership 2	Professor Maree Teesson	Unified prevention of substance use and mental disorders.	University of Sydney	\$2,560,520.00
APP1195294	Leadership 1	Professor Kelly-Anne Phillips	Reducing the Burden of Breast Cancer Through Precision Prevention, Targeted Treatment and Enhanced Survivorship	University of Melbourne	\$1,491,192.44
APP1195296	Leadership 1	Professor Nicholas Huntington	Natural Killer Cell Cancer Immunotherapy	Monash University	\$2,238,220.00
APP1195302	Leadership 2	Professor Jon Emery	Transforming early detection of cancer in primary care	University of Melbourne	\$2,360,520.00
APP1195305	Leadership 3	Professor Tuan Nguyen	Prediction of fracture by clinico-genetic profiling	University of New South Wales	\$2,339,215.00
APP1195326	Leadership 1	Professor Clara Chow	Innovation for health service provision and clinical management of cardiovascular disease prevention	University of Sydney	\$1,338,220.00



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APP1195414	Leadership 1	Associate Professor Germaine Wong	Bridging the gap: using data science to transform care and health outcomes in kidney transplant recipients	University of Sydney	\$1,155,134.51
APP1195453	Leadership 1	Professor Rosemary Horne	Dangerous Dreams: the next era in paediatric sleep research	Monash University	\$2,238,220.00
APP1195473	Leadership 3	Professor David Harris	Developing novel therapeutic approaches to treat chronic kidney disease	University of Sydney	\$2,173,544.91
APP1195581	Leadership 3	Professor Nicholas Hayward	Melanoma genetics: clinical translation of the germline-somatic continuum	The Council of the Queensland Institute of Medical Research	\$2,231,372.00
APP1195602	Leadership 1	Professor Roslyn Boyd	Early Detection and Early Intervention for Cerebral Palsy	The University of Queensland	\$2,088,220.00
APP1195651	Leadership 2	Professor Colleen Loo	Developing New Treatment Approaches for Severe and Treatment Resistant Depression	University of New South Wales	\$2,060,520.00
APP1195699	Leadership 3	Professor Simon Gandevia	Motor Impairment: physiology, pathophysiology and intervention	University of New South Wales	\$2,814,215.00
APP1195742	Leadership 3	Professor David Thomas	Genomic Cancer Medicine	University of New South Wales	\$1,814,215.00
APP1195827	Leadership 3	Professor Anthony Weiss	Repairing soft tissues with engineered elastic biomaterials	University of Sydney	\$2,914,215.00
APP1195830	Leadership 1	Professor Simon Lewis	Predicting, diagnosing and treating synucleinopathies	University of Sydney	\$3,738,220.00
APP1195955	Leadership 1	Professor Angela Morgan	Biology of speech disorders: advancing diagnosis, prognosis & management	Murdoch Childrens Research Institute	\$3,515,004.76
APP1195987	Leadership 1	Associate Professor Steven Lane	Translation of genomic findings to improve outcomes in patients with myeloid blood cancers	The Council of the Queensland Institute of Medical Research	\$1,913,403.20



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APP1196062	Leadership 3	Professor Markus Seibel	Making the first osteoporotic fracture the last - Implementation and analysis of an evidence-based, integrated model of care for secondary fracture prevention	University of Sydney	\$1,500,000.00
APP1196068	Leadership 1	Professor Julie Simpson	Optimising treatment and prevention strategies to accelerate malaria elimination	University of Melbourne	\$2,163,220.00
APP1196103	Leadership 2	Professor Benjamin Howden	Genomics for combating antimicrobial resistant bacterial pathogens	University of Melbourne	\$2,027,364.00
APP1196133	Leadership 2	Professor Jodie Dodd	Healthy diet and weight management in pregnancy: evidence to ease a hefty clinical burden.	The University of Adelaide	\$1,705,260.00
APP1196150	Leadership 3	Professor Perminder Sachdev	Developing robust biomarkers for vascular cognitive impairment and dementia: Adding V to the ATN research framework	University of New South Wales	\$3,289,215.00
APP1196188	Leadership 2	Professor Jane Pillow	Reducing global mortality and severity of disease in newborn infants through innovation and holistic interventions	University of Western Australia	\$2,060,520.00
APP1196218	Leadership 3	Professor Eric Morand	Improving outcomes in SLE	Monash University	\$1,425,000.00
APP1196225	Leadership 2	Professor Lisa Horvath	Integration of novel biological targets/biomarkers in the treatment of lethal prostate cancer	University of Sydney	\$1,930,260.00
APP1196256	Leadership 1	Associate Professor Alicia Oshlack	Harnessing the power of single cell sequencing to advance biomedical research	University of Melbourne	\$2,013,220.00
APP1196261	Leadership 1	Professor Danny Eckert	Novel approaches for targeted sleep apnoea treatment and management	Flinders University	\$2,090,576.00
APP1196352	Leadership 2	Professor Sandy Middleton	Transforming acute hospital care to improve outcomes for stroke	Australian Catholic University Limited	\$1,350,000.00



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APP1196492	Leadership 3	Professor Jacob George	Delineating the clinical and molecular heterogeneity of fatty liver disease to inform treatment	University of Sydney	\$1,731,372.00
APP1196508	Leadership 3	Professor Christos Pantelis	Developing Novel Preclinical Models for Neurodevelopmental Disorders - From Bedside to Bench	University of Melbourne	\$1,714,215.00
APP1196520	Leadership 3	Professor Mark von Itzstein	An interdisciplinary approach towards antiviral therapy discovery	Griffith University	\$2,000,000.00
APP1196637	Leadership 3	Professor Samuel Berkovic	Genetics of Epilepsy: Completing our understanding	University of Melbourne	\$3,000,000.00
APP1196648	Leadership 3	Professor John Gooding	An in vitro pipeline for liquid biopsy biomarkers for cancer diagnosis and therapy	University of New South Wales	\$3,764,215.00
APP1196749	Leadership 1	Professor Mark Dawson	Improving outcomes for cancer patients by targeting the epigenome	University of Melbourne	\$2,258,892.29
APP1196755	Leadership 1	Professor Sarah-Jane Dawson	Circulating tumour DNA for precision medicine	University of Melbourne	\$1,544,066.26
APP1196832	Leadership 2	Professor Peter-John Wormald	From bench to bedside: A new treatment for chronic rhinosinusitis	The University of Adelaide	\$2,360,520.00
APP1196855	Leadership 2	Professor Geoffrey Goodhill	Mapping neurodevelopmental disorders in a zebrafish model	The University of Queensland	\$2,760,520.00
APP1196892	Leadership 1	Professor Daniel Lubman	Transforming access to addiction treatment: overcoming system barriers and developing effective early intervention approaches	Monash University	\$2,195,288.00
APP1196972	Leadership 3	Professor Carola Vinuesa	Molecular diagnosis and therapy of autoimmune disease using translational and reverse translational approaches	Australian National University	\$2,331,372.00



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APP1196999	Leadership 3	Professor George Patton	Achieving adolescent health's triple dividend	Murdoch Childrens Research Institute	\$2,331,372.00
APP1197007	Leadership 1	Professor Anne Holland	Optimising patient & health system outcomes in chronic respiratory disease	Monash University	\$2,613,220.00
APP1197022	Leadership 1	Associate Professor Luke Wolfenden	Transforming approaches to chronic disease prevention in community settings	The University of Newcastle	\$2,738,220.00
APP1197069	Leadership 2	Professor Antoine van Oijen	Roadblocks to DNA replication and implications for antimicrobial resistance	University of Wollongong	\$1,050,000.00
APP1197117	Leadership 2	Professor Nigel Curtis	Improving the diagnosis, treatment and prevention of infectious diseases in children	Murdoch Childrens Research Institute	\$2,410,857.16
APP1197131	Leadership 1	Professor Frances Kay-Lambkin	Transforming treatment for mental health and substance use disorders: Leveraging technology to bridge the evidence-practice gap	The University of Newcastle	\$2,090,576.00
APP1197173	Leadership 1	Professor Benjamin Thierry	Addressing Healthcare Disparities in Remote and Low Resource Settings with Solid-State Biodiagnostic Devices	University of South Australia	\$2,194,658.35
APP1197191	Leadership 3	Professor Roland Bammer	Harnessing Imaging and IT Strategies to Expedite Targeted Treatment and Improve Outcomes in Cerebrovascular Diseases	University of Melbourne	\$2,914,215.00
APP1197234	Leadership 1	Professor Anne-Louise Ponsonby	Leveraging the interface between epidemiology and molecular biology to enhance disease prevention	University of Melbourne	\$1,850,924.92
APP1197324	Leadership 1	Professor Allison Tong	Partnering with patients to transform practice and policy for improved patient-centred outcomes in chronic kidney disease	University of Sydney	\$3,292,932.00



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APP1197339	Leadership 1	Professor Helmut Butzkueven	Revolutionising Multiple Sclerosis care and trials through e-health	Monash University	\$2,182,124.11
APP1197361	Leadership 3	Professor David Handelsman	Overcoming Androgen Misuse and Abuse	ANZAC Research Institute	\$3,164,215.00
APP1197373	Leadership 3	Professor Tom Davis	Novel approaches to Nanomedicines for future therapies	The University of Queensland	\$2,414,215.00
APP1197431	Leadership 1	Professor Alexander Fornito	A network approach to mapping and modifying brain changes in psychosis	Monash University	\$2,163,244.69
APP1197439	Leadership 3	Professor Ronald Grunstein	Targeting Challenges in Sleep Health	University of Sydney	\$2,414,215.00
APP1197509	Leadership 2	Professor Sherene Loi	Optimizing immunotherapy treatment for breast cancer patients	University of Melbourne	\$1,938,013.70
APP1197534	Leadership 2	Professor Jonathan Iredell	Positive solutions for critical infection	University of Sydney	\$1,500,000.00
APP1197709	Leadership 3	Professor Bruce Neal	Improving cardiovascular outcomes through better trials	University of New South Wales	\$1,714,215.00
APP1197805	Leadership 3	Professor Brendan Crabb	Therapeutically Targeting Malaria Pathogenesis	Burnet Institute	\$2,000,000.00
APP1197860	Leadership 1	Professor Massimo Hilliard	Axonal regeneration and degeneration: cellular and molecular mechanisms	The University of Queensland	\$2,088,220.00
APP1197940	Leadership 1	Professor Natasha Nassar	Generating evidence for a strong foundation: using population health data for translational child health, healthcare and policy	University of Sydney	\$1,500,000.00
APP1197951	Leadership 3	Professor Suzanne Garland	Improving Reproductive Health Through Infectious Diseases Research	University of Melbourne	\$1,957,107.50
APP1197958	Leadership 3	Professor Peter Ebeling	Increasing osteoporosis treatment uptake	Monash University	\$2,700,000.00



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APP1198014	Leadership 1	Associate Professor Simon Conn	Circular RNAs as genome destabilisers in human disease	Flinders University	\$2,163,220.00
APP1198172	Leadership 2	Professor Sarah Robertson	Peri-conception determinants of reproductive and pregnancy health	The University of Adelaide	\$3,560,520.00

Emerging Leadership 2 Level Applications

App ID	Category Level	Chief Investigator Name	Application Title	Administering Institution	Budget \$
APP1193598	Emerging Leadership 2	Associate Professor Nicholas Opie	Responsive Endovascular Neuromodulation: Detection and Suppression of Epileptic Seizures	University of Melbourne	\$1,487,455.48
APP1193750	Emerging Leadership 2	Associate Professor Justin Denholm	Tuberculosis elimination in Australia through targeting latent infection	University of Melbourne	\$950,000.00
APP1193781	Emerging Leadership 2	Associate Professor Maria Inacio	How to Address the 'Shocking Tale of Neglect' in Aged Care Through Transparency, Accountability, and the Use of High-Quality Analytics	University of South Australia	\$1,337,350.00
APP1193826	Emerging Leadership 2	Associate Professor Colleen Lau	Building Decision Support Systems to Combat Emerging Infectious Diseases and Neglected Tropical Diseases: A Precision Public Health Approach	Australian National University	\$1,562,250.00
APP1193857	Emerging Leadership 2	Doctor James Shine	Deciphering the dynamic neural basis of cognition and dementia	University of Sydney	\$1,287,350.00
APP1193939	Emerging Leadership 2	Associate Professor Chung-Wei Christine Lin	Improving pain management in primary care	University of Sydney	\$1,000,105.48
APP1193955	Emerging Leadership 2	Associate Professor Jason Ong	Leaving no one behind: community-driven approaches to eliminate HIV in Australia	Monash University	\$1,562,250.00



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APP1194051	Emerging Leadership 2	Professor Raymond Chan	Optimising Primary Care for Cancer Survivorship	Queensland University of Technology	\$1,541,565.07
APP1194159	Emerging Leadership 2	Associate Professor Nir Eynon	Uncovering sex specific, epigenetic biomarkers of healthy ageing for targeted exercise interventions	Victoria University	\$1,449,800.00
APP1194248	Emerging Leadership 2	Doctor Joshua Vogel	Improving health outcomes of preterm newborns in low- and middle-income countries	Burnet Institute	\$1,562,250.00
APP1194358	Emerging Leadership 2	Associate Professor Chee Ooi	Closing the Clinical Translation Gap of the Gut Microbiome in Chronic Diseases	University of New South Wales	\$1,337,350.00
APP1194392	Emerging Leadership 2	Associate Professor Aung Win	Reducing Colorectal Cancer Burden in Young Adults: Precision Prevention and Early Detection	University of Melbourne	\$1,449,800.00
APP1194635	Emerging Leadership 2	Associate Professor Dan Siskind	Reducing the mortality gap for people with schizophrenia	The University of Queensland	\$1,231,125.00
APP1194703	Emerging Leadership 2	Professor Rachael Morton	Embedding economics for cost-effective melanoma prevention, diagnosis and treatment	University of Sydney	\$1,074,900.00
APP1194769	Emerging Leadership 2	Associate Professor Steven Kamper	Targeting health system change to provide better care for people with chronic pain	University of Sydney	\$1,562,250.00
APP1194811	Emerging Leadership 2	Associate Professor Zoe McQuilten	Improving patient outcomes through better use of blood products	Monash University	\$1,412,250.00
APP1194825	Emerging Leadership 2	Associate Professor Bingyang Shi	Novel nanotechnology strategies for drug co-delivery and combined therapies in the brain	Macquarie University	\$1,512,250.00
APP1194896	Emerging Leadership 2	Associate Professor Daniel Buchanan	Precision Prevention of Colorectal Cancer: understanding tumourigenesis in high risk people to optimise prevention	University of Melbourne	\$1,562,250.00



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APP1194940	Emerging Leadership 2	Associate Professor Michelle Farrar	Improving the health outcomes for children with rare neurological diseases with genomic technologies	University of New South Wales	\$1,000,000.00
APP1195086	Emerging Leadership 2	Professor Alexandra Martiniuk	Improving the neurological and mental health of vulnerable children: Through implementation and health services research to close treatment gaps	University of Sydney	\$1,562,250.00
APP1195102	Emerging Leadership 2	Professor Emma McBryde	Finally new tools are available to combat drug resistant tuberculosis, but how do we make them work? Models to determine effective implementation strategies in Australia and our region	University of Melbourne	\$1,562,250.00
APP1195421	Emerging Leadership 2	Professor Caroline Miller	Driving advances in sugar-sweetened beverage policy and resolving the unknown substitution effects into artificially-sweetened beverage, fruit juice and water consumption.	The University of Adelaide	\$1,449,800.00
APP1195451	Emerging Leadership 2	Doctor Carlos Salomon	Developing new therapeutic targets and identifying biomarkers for gestational diabetes and ovarian cancer using extracellular vesicles	The University of Queensland	\$1,431,623.15
APP1195460	Emerging Leadership 2	Doctor Emily Reeve	Integration and implementation of deprescribing recommendations to reduce medication induced harm	University of South Australia	\$1,544,073.15
APP1195595	Emerging Leadership 2	Doctor Davis McCarthy	Developing interpretable machine learning models for clinical imaging and single-cell genomics	St Vincent's Institute of Medical Research	\$1,312,250.00



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APP1195709	Emerging Leadership 2	Doctor Genevieve Steiner	Teaching an old brain new tricks: optimising cognitive training through neuroplasticity	Western Sydney University	\$1,562,250.00
APP1195713	Emerging Leadership 2	Doctor Lauren Ayton	Saving Sight Through Novel BioTech Innovations for Inherited Retinal Disease	University of Melbourne	\$1,534,522.60
APP1195720	Emerging Leadership 2	Associate Professor Rowena Bull	Tackling the genomic diversity of RNA viruses	University of New South Wales	\$1,512,250.00
APP1195984	Emerging Leadership 2	Associate Professor Marie Bismark	Caring for clinician health and wellbeing; Protecting patients from harm	University of Melbourne	\$1,281,125.00
APP1196380	Emerging Leadership 2	Associate Professor Anneke van der Walt	Multi-dimensional monitoring of cognition and cerebellar function to prospectively define disease progression in multiple sclerosis	Monash University	\$1,462,250.00
APP1196514	Emerging Leadership 2	Associate Professor Kelvin Kong	Improving Aboriginal Children's Access to Better Ear and Hearing Health through Telehealth ENT	The University of Newcastle	\$1,123,450.00
APP1196590	Emerging Leadership 2	Doctor Thomas Ve	Structural biology and therapeutic targeting of axon degeneration	Griffith University	\$1,512,250.00
APP1196598	Emerging Leadership 2	Doctor Marian Burr	Targeting epigenetic mechanisms of immune evasion in cancer	University of Melbourne	\$1,425,280.14
APP1196605	Emerging Leadership 2	Doctor Willem Lesterhuis	Tipping the balance - improving response rates to cancer immunotherapy	University of Western Australia	\$1,562,250.00
APP1196841	Emerging Leadership 2	Doctor Michael Clark	Elucidating the pathological role and predictive value of mental health disorder risk genes	University of Melbourne	\$1,562,250.00
APP1196945	Emerging Leadership 2	Doctor Wilson Wong	Structural biology of malaria parasite invasion and antibodies-mediated inhibition	The Walter and Eliza Hall Institute of Medical Research	\$1,562,250.00



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APP1196951	Emerging Leadership 2	Doctor David Thal	Using protein structure and dynamics to facilitate drug discovery	Monash University	\$1,512,250.00
APP1197488	Emerging Leadership 2	Associate Professor Delyse Hutchinson	The role of preconception and perinatal substance use and misuse in childhood social, emotional and behavioural problems	Deakin University	\$1,562,250.00
APP1198006	Emerging Leadership 2	Doctor Alison Beauchamp	Optimising engagement in cardiac secondary prevention: a health literacy approach	Monash University	\$1,562,250.00

Emerging Leadership 1 Level Applications

App ID	Category Level	Chief Investigator Name	Application Title	Administering Institution	Budget \$
APP1193618	Emerging Leadership 1	Doctor Michael Doyle	Alcohol treatment for Aboriginal men in and out of prison	University of Sydney	\$607,263.74
APP1194036	Emerging Leadership 1	Doctor Thi Nguyen	Understanding immune responses to severe influenza virus infection and vaccination in humans	University of Melbourne	\$645,205.00
APP1194058	Emerging Leadership 1	Ms Kelly Thompson	Understanding and improving outcomes due to Sepsis in at-risk and underserved populations	University of New South Wales	\$645,205.00
APP1194063	Emerging Leadership 1	Doctor Kylie James	Defining the role of B lymphocytes in breast cancer at single-cell resolution	University of New South Wales	\$645,205.00
APP1194070	Emerging Leadership 1	Doctor Luke Hearne	Mapping and restoring brain networks underpinning psychiatric symptoms	The Council of the Queensland Institute of Medical Research	\$645,205.00



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APP1194105	Emerging Leadership 1	Doctor Joshua Zadro	Can e-Health improve access to effective and affordable care for musculoskeletal conditions?	University of Sydney	\$645,205.00
APP1194108	Emerging Leadership 1	Doctor Brooke Nickel	The impact of breast density notification in Australia	University of Sydney	\$645,205.00
APP1194109	Emerging Leadership 1	Doctor David Muscatello	Improving epidemiological risk assessment of influenza epidemics	University of New South Wales	\$645,205.00
APP1194144	Emerging Leadership 1	Doctor Holly Anderton	Mechanisms of Cell Death Driven Inflammation in the Skin	The Walter and Eliza Hall Institute of Medical Research	\$645,205.00
APP1194199	Emerging Leadership 1	Doctor Jing Pang	Improving patient outcomes in familial hypercholesterolaemia across the continuum of care	University of Western Australia	\$645,205.00
APP1194277	Emerging Leadership 1	Doctor Amy Reichelt	Harnessing the extracellular matrix to fight obesity-induced cognitive impairment	Monash University	\$645,205.00
APP1194292	Emerging Leadership 1	Doctor Miriam Forbes	Creating an Empirically Based Classification System for Mental Illness	Macquarie University	\$645,205.00
APP1194364	Emerging Leadership 1	Doctor Haloom Rafahi	Pathogenic repeat expansions in ataxia: advancing gene discovery and genetic diagnosis	The Walter and Eliza Hall Institute of Medical Research	\$645,205.00
APP1194388	Emerging Leadership 1	Doctor Sudarshan Paramsothy	Faecal Microbiota Transplantation and Other Novel Therapeutic Microbial Manipulation Strategies in Inflammatory Bowel Disease	University of Sydney	\$645,205.00
APP1194428	Emerging Leadership 1	Doctor Stephanie Filbay	Addressing evidence gaps and developing a novel treatment to reduce the burden of post-traumatic knee osteoarthritis	University of Melbourne	\$645,205.00



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APP1194497	Emerging Leadership 1	Doctor Gareth Ball	An imaging-genomic approach to advance understanding of early cortical development and outcome after preterm birth	Murdoch Childrens Research Institute	\$645,205.00
APP1194633	Emerging Leadership 1	Doctor Roula Ghaoui	Diagnosing hereditary myopathies and dystrophies with RNA sequencing: translating research innovations into diagnostic practice	The University of Adelaide	\$279,725.46
APP1194656	Emerging Leadership 1	Doctor Aleksandr Voskoboinik	Improving outcomes in patients with life-threatening ventricular arrhythmias	Baker Heart and Diabetes Institute	\$606,009.33
APP1194694	Emerging Leadership 1	Doctor Amanda Gwee	Applying pharmacometrics to develop novel treatment strategies for Staphylococcus aureus infections in children	Murdoch Childrens Research Institute	\$368,561.50
APP1194702	Emerging Leadership 1	Doctor Robert Commons	Advancing the radical cure of Plasmodium vivax malaria through optimal antimalarial regimens	Menzies School of Health Research	\$566,164.00
APP1194707	Emerging Leadership 1	Doctor Joshua Francis	Early detection and treatment of rheumatic heart disease in high risk communities using community-led approaches for active case finding, education and engagement in care	Menzies School of Health Research	\$358,751.75
APP1194713	Emerging Leadership 1	Doctor Michelle Jongenelis	Minimising uptake of e-cigarettes and encouraging cessation among Australian adolescents and adults	University of Melbourne	\$645,205.00
APP1194779	Emerging Leadership 1	Doctor Daniel Utzschneider	Characterization and targeting of precursor exhausted T cells (TPEX) for the treatment of chronic infection and cancer	University of Melbourne	\$606,009.33



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APP1194783	Emerging Leadership 1	Doctor Stephen Wong	Defining the plasma methylome to guide melanoma treatment.	University of Melbourne	\$645,205.00
APP1194784	Emerging Leadership 1	Doctor Jie-Bin Lew	Optimising colorectal cancer screening in high-income countries and low-and-middle income countries using Australia and China as an example	Cancer Council NSW	\$645,205.00
APP1194910	Emerging Leadership 1	Doctor Adeel Razi	Computational modelling to understand early-stage neurodegeneration	Monash University	\$645,205.00
APP1194930	Emerging Leadership 1	Doctor Tegan Cheng	Printotics: A Digital Solution to Optimise Personalised Children's Orthotic Devices	University of Sydney	\$645,205.00
APP1195189	Emerging Leadership 1	Doctor Sarah Lensen	Towards evidence-based use of IVF add-ons in Australia	University of Melbourne	\$645,205.00
APP1195210	Emerging Leadership 1	Doctor Danielle Ingle	Enhancing control of enteric bacteria through pathogen genomics	University of Melbourne	\$645,205.00
APP1195234	Emerging Leadership 1	Doctor Alisa Glukhova	Structural basis for targeting Wnt signalling pathway in cancer	Monash University	\$645,205.00
APP1195237	Emerging Leadership 1	Doctor Xia Wang	Generating new evidence to better guide stroke management	University of New South Wales	\$568,292.78
APP1195335	Emerging Leadership 1	Doctor Megan Teychenne	Informing the development and real-world translation of a home-based physical activity intervention for improving postnatal mental health	Deakin University	\$566,164.00
APP1195357	Emerging Leadership 1	Doctor Darshini Ayton	Patient-centred volunteer program for people with dementia: a stepped wedge cluster randomised controlled trial of the MyCare Ageing program	Monash University	\$645,205.00



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APP1195382	Emerging Leadership 1	Doctor Emily Wright	Microbial Restoration in Crohn's Disease: A Randomised Trial of Faecal Microbial Transplantation in Crohn's Disease	University of Melbourne	\$487,123.00
APP1195406	Emerging Leadership 1	Doctor Sheikh Mohammed Shariful Islam	Improving outcome for people with heart diseases using digital health technologies	Deakin University	\$606,009.33
APP1195487	Emerging Leadership 1	Doctor Emma Halmos	The role of a low emulsifier diet to treat Crohn's disease	Monash University	\$447,602.50
APP1195676	Emerging Leadership 1	Associate Professor Zachary Munn	Improving the Synthesis of Medical Research: The Evidence Synthesis Taxonomy Initiative	The University of Adelaide	\$645,205.00
APP1195698	Emerging Leadership 1	Doctor Marios Koutsakos	Understanding immunity to influenza B viruses for a rationally designed universal vaccine	University of Melbourne	\$645,205.00
APP1195716	Emerging Leadership 1	Doctor Gizachew Tessema	A risk stratification tool for the prevention of avoidable perinatal mortality and morbidity	Curtin University	\$645,205.00
APP1195732	Emerging Leadership 1	Doctor Christine Catling	Advancing the midwifery workforce in Sydney, Australia	University of Technology Sydney	\$645,205.00
APP1195837	Emerging Leadership 1	Doctor Lindi Masson	Risk factors for HIV acquisition in women	Burnet Institute	\$645,205.00
APP1195852	Emerging Leadership 1	Doctor Emma Barrett	Addressing the hidden epidemic of child and adolescent trauma	University of Sydney	\$645,205.00
APP1196033	Emerging Leadership 1	Doctor Andrea Viecelli	Improving patient-important outcomes in haemodialysis through validation and implementation in registries and pragmatic clinical trials	The University of Queensland	\$408,082.00
APP1196061	Emerging Leadership 1	Associate Professor Natasha Smallwood	Targeted approaches to improve health outcomes in severe respiratory disease	University of Melbourne	\$645,205.00



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APP1196100	Emerging Leadership 1	Doctor Justin Beardsley	Is the excess mortality amongst tuberculosis survivors explained by Chronic Pulmonary Aspergillosis? Investigating burden, diagnosis, and therapy	University of Sydney	\$645,205.00
APP1196112	Emerging Leadership 1	Doctor Fabien Vincent	Identification of Molecular Signatures in Indigenous and Non-Indigenous Australians with Systemic Lupus Erythematosus to Enable a Precision Medicine Approach.	Monash University	\$645,205.00
APP1196168	Emerging Leadership 1	Doctor Changkui Fu	Improving the Delivery Efficiency of Nanomedicines to Tumour Tissue	The University of Queensland	\$645,205.00
APP1196211	Emerging Leadership 1	Doctor Marliese Alexander	Personalised risk-directed clot prevention for patients with cancer	University of Melbourne	\$645,205.00
APP1196235	Emerging Leadership 1	Doctor Michael Chopin	Tailoring dendritic cell diversity to advance effective immunotherapies	The Walter and Eliza Hall Institute of Medical Research	\$645,205.00
APP1196262	Emerging Leadership 1	Doctor Caleb Ferguson	INFORM-AF a randomised controlled trial to assess the efficacy of a digital education program for atrial fibrillation	Western Sydney University	\$606,009.33
APP1196320	Emerging Leadership 1	Doctor Naomi Hammond	Delineating the role of Fludrocortisone and Hydrocortisone in the management of patients with septic shock	University of New South Wales	\$553,664.00
APP1196365	Emerging Leadership 1	Doctor Qi Zhang	Crosstalk between the repressive histone methyltransferases PRC2 and G9A: structure-function investigation to open new therapeutic opportunities	Monash University	\$595,205.00



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APP1196405	Emerging Leadership 1	Doctor Ulf Schmitz	Investigating post-transcriptional gene regulation in cancer	University of Sydney	\$645,205.00
APP1196462	Emerging Leadership 1	Doctor Brendan Scott	Low-intensity exercise with blood flow restriction: A novel training strategy to improve fitness and function in older people	Murdoch University	\$645,205.00
APP1196516	Emerging Leadership 1	Doctor Rose Cairns	Blocking paths to suicide: a data linkage program to identify modifiable risk factors for self-poisoning and suicide in Australia	University of Sydney	\$501,205.10
APP1196549	Emerging Leadership 1	Doctor Kefyalew Alene	Spatially targeted intervention for eliminating tuberculosis in high-burden countries	Curtin University	\$645,205.00
APP1196560	Emerging Leadership 1	Doctor Jonathan Brett	Immediate and long-term safety of prescription opioids in pregnancy	University of New South Wales	\$447,602.50
APP1196636	Emerging Leadership 1	Doctor Rick Wassing	Innovative Neuroscience to Improve Treatment of Sleep Disturbances for Prevention of Depression and Anxiety	University of Sydney	\$645,205.00
APP1196724	Emerging Leadership 1	Doctor Karice Hyun	Improving influenza vaccination rate for the prevention of cardiovascular events	University of Sydney	\$645,205.00
APP1196783	Emerging Leadership 1	Doctor Caitlin Cowan	The developing microbiome as a predictor and modulator of mental health risk and resilience: A translational gut-brain axis approach to improving childhood mental health	University of Sydney	\$645,205.00
APP1196831	Emerging Leadership 1	Ms Alexandra Jones	Regulatory strategies to promote healthier Australian diets	The George Institute for Global Health	\$645,205.00
APP1196850	Emerging Leadership 1	Doctor Ruirui Qiao	Biocompatible Gadolinium-free contrast agents for molecular targeted MR imaging	The University of Queensland	\$645,205.00



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APP1196881	Emerging Leadership 1	Doctor Sidonia Eckle	The role of Mucosal-Associated Invariant T cells in protective and aberrant immunity	University of Melbourne	\$620,205.00
APP1196904	Emerging Leadership 1	Doctor Stephanie Wong	Challenging behaviours in dementia: mechanisms, assessment and interventions	University of Sydney	\$645,205.00
APP1196924	Emerging Leadership 1	Doctor Debnath Ghosal	Structural role of the host cytoskeleton during invasion of intracellular pathogens	University of Melbourne	\$645,205.00
APP1196948	Emerging Leadership 1	Doctor Jake Linardon	Personalising the delivery of e-mental health interventions for eating disorders	Deakin University	\$632,428.51
APP1197021	Emerging Leadership 1	Doctor Nadinath Nillegoda	Counteracting age-associated neurodegenerative diseases using chaperone-based amyloid disaggregases	Monash University	\$645,205.00
APP1197028	Emerging Leadership 1	Doctor Nitesh Nerlekar	Breast Arterial Calcification and Cardiovascular Disease – Exploring mechanisms and outcomes.	Baker Heart and Diabetes Institute	\$645,205.00
APP1197074	Emerging Leadership 1	Doctor Aliza Werner-Seidler	The Kids Aren't Alright: Preventing Depression in Adolescents	University of New South Wales	\$600,715.44
APP1197122	Emerging Leadership 1	Associate Professor Luke Burchill	LIFESPAN-CHD – Leading Innovation by Finding and Eliminating gaps in research, Specialist care AND Mental Health services for People with CHD.	University of Melbourne	\$462,643.50
APP1197169	Emerging Leadership 1	Doctor Kathleen Morrisroe	Improving outcomes and cost of systemic sclerosis related pulmonary arterial hypertension	University of Melbourne	\$645,205.00
APP1197190	Emerging Leadership 1	Doctor Kevin Huynh	Elucidating metabolic dysregulation in Alzheimer's disease: Profiling the peripheral immune cell lipidome to unravel pathological mechanisms.	Baker Heart and Diabetes Institute	\$645,205.00



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APP1197241	Emerging Leadership 1	Doctor Rachel Sutherland	Quantifying and reducing the burden of new and emerging psychoactive substances in Australia	University of New South Wales	\$645,205.00
APP1197245	Emerging Leadership 1	Doctor Rachel McQuade	Protecting the Gut: A Novel Therapeutic Avenue for Reducing the Damaging Consequences of Obesity	University of Melbourne	\$570,205.00
APP1197315	Emerging Leadership 1	Doctor Stephanie Rainey-Smith	Suboptimal sleep and unhealthy brain ageing: Improving outcomes through treatment	Murdoch University	\$632,705.00
APP1197328	Emerging Leadership 1	Doctor Donna Franklin	Improved Early Respiratory Support of Infants and Children	The University of Queensland	\$645,205.00
APP1197335	Emerging Leadership 1	Doctor Phoebe Williams	Tackling Antimicrobial Resistance in Neonatal Sepsis: Australia and Beyond	University of Sydney	\$566,164.00
APP1197337	Emerging Leadership 1	Doctor David Tunnicliffe	The implementation and evaluation of living evidence in the management of chronic kidney disease.	University of Sydney	\$645,205.00
APP1197376	Emerging Leadership 1	Mr Rhys Grinter	Targeting iron piracy from host proteins by Neisseria and Haemophilus spp. for the development of novel antimicrobials	Monash University	\$645,205.00
APP1197570	Emerging Leadership 1	Doctor Hao Song	A Long-Lasting Oral Drug Delivery System Using Spiky Silica Nanoparticles	The University of Queensland	\$645,205.00
APP1197743	Emerging Leadership 1	Doctor Adam Irwin	Overcoming the barriers to treatment of multi-drug resistant Gram-negative bloodstream infections in Australian children	The University of Queensland	\$447,602.50



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APP1197866	Emerging Leadership 1	Doctor Fekade Sime	Optimizing outpatient parenteral antibiotic therapy to support hospital-in-the-home program across the unique environmental conditions of Australia	The University of Queensland	\$645,205.00
APP1198047	Emerging Leadership 1	Associate Professor Kim Dalziel	Advancing health economic evaluation measurement and design to support priority setting for vulnerable children	University of Melbourne	\$645,205.00