



Investigator Grant applications recommended for funding commencing in 2025

About the scheme

The Investigator Grant scheme is NHMRC's flagship scheme which accounts for about 40% of annual commitments from 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) and 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 intended outcomes are:

- flexibility for investigators to pursue important new research directions as they arise and to form collaborations as needed
- innovative and creative research
- opportunities for researchers at all career stages to establish their own research programs
- reduced application and peer review burden on researchers.

The applications listed in the tables below are recommended for funding to commence in 2025.¹ They are listed for each category in application identification number (App ID) order.

¹ Penultimate year reapplicants will commence funding in 2026 or at the completion of their existing Investigator Grant.



Leadership Level applications (Leadership levels 1-3)

Application ID	Category/Level	Application Title	Chief Investigator Name	Administering Institution	Budget
2032961	Leadership 2 (L2)	Optimising and leveraging technology to improve medication safety	Professor Johanna Westbrook	Macquarie University	\$2,000,000.00
2032980	Leadership 1 (L1)	Effective community solutions to prevent and treat loneliness	Associate Professor Tegan Cruwys	Australian National University	\$2,792,745.00
2032982	Leadership 1 (L1)	A precision medicine approach to the development of innovative Immunotherapies for Brain Cancer	Associate Professor Misty Jenkins	The Walter and Eliza Hall Institute of Medical Research	\$2,792,745.00
2033008	Leadership 2 (L2)	Mechanisms to promote lymphatic vessel growth in tissue repair and disease	Professor Benjamin Hogan	University of Melbourne	\$2,124,080.00
2033012	Leadership 1 (L1)	Defining the molecular basis of apoptotic cell disassembly for therapeutic targeting	Associate Professor Ivan Poon	La Trobe University	\$2,792,745.00
2033013	Leadership 3 (L3)	Research programs and pivotal trials to improve outcomes in critical care medicine.	Professor Rinaldo Bellomo	Monash University	\$2,981,630.00
2033037	Leadership 1 (L1)	A molecular approach to unlocking B cell memory potential	Professor Kim Good-Jacobson	Monash University	\$2,792,745.00
2033042	Leadership 3 (L3)	Tailoring treatment to improve outcome for ovarian cancer patients	Professor Anna DeFazio	University of Sydney	\$2,687,947.82
2033062	Leadership 1 (L1)	Supporting neurodevelopment through targeted nutrition	Doctor Jacqueline Gould	The University of Adelaide	\$2,792,745.00
2033065	Leadership 1 (L1)	Delving Deeper into the Matrix: Translating new stromal targets into treatments for solid tumours	Associate Professor Thomas Cox	University of New South Wales	\$2,792,745.00



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2033083	Leadership 1 (L1)	Harnessing plasticity to prevent and treat metastatic and therapy-resistant cancers	Associate Professor Christine Chaffer	University of New South Wales	\$2,392,745.00
2033094	Leadership 2 (L2)	Harnessing the power of prognostic evidence to transform evidence-based, patient-centred, sustainable healthcare	Professor Tammy Hoffmann	Bond University Limited	\$2,878,508.93
2033097	Leadership 2 (L2)	Connecting the noncoding genome to breast cancer development	Professor Stacey Edwards	The Council of the Queensland Institute of Medical Research	\$2,524,080.00
2033103	Leadership 2 (L2)	Improving the quality of survival after critical illness	Professor Carol Hodgson	Monash University	\$2,924,080.00
2033132	Leadership 3 (L3)	Leveraging population cohorts to link common and rare genetic disease mechanisms	Professor Melanie Bahlo	The Walter and Eliza Hall Institute of Medical Research	\$2,981,630.00
2033139	Leadership 2 (L2)	Optimising stroke imaging and reperfusion therapies	Professor Bruce Campbell	University of Melbourne	\$2,924,080.00
2033150	Leadership 3 (L3)	Optimising lifestyle care to reduce the burden of knee and hip osteoarthritis	Professor Kim Bennell	University of Melbourne	\$2,981,630.00
2033162	Leadership 1 (L1)	Neuroimaging, Neural Models, and Neurobiology: A Fresh Look at Dementia	Associate Professor James Shine	University of Sydney	\$2,449,655.36
2033176	Leadership 3 (L3)	Innovative strategies to reduce the global burden of stroke	Professor Craig Anderson	University of New South Wales	\$2,981,630.00
2033193	Leadership 2 (L2)	Mapping and mining the ubiquitin system	Professor David Komander	The Walter and Eliza Hall Institute of Medical Research	\$2,924,080.00



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2033196	Leadership 2 (L2)	Developing and Repurposing Therapies: Pioneering Interventional Immunology for Early Life Diseases & Beyond	Professor Claudia Nold	Monash University	\$2,924,080.00
2033219	Leadership 2 (L2)	Transforming the management of treatment refractory sexually transmitted infections (STI) and STI syndromes with precision medicine and genomics	Professor Catriona Bradshaw	Monash University	\$2,924,080.00
2033228	Leadership 2 (L2)	Targeting β -cells for diabetes therapy	Professor Jenny Gunton	University of Sydney	\$2,924,080.00
2033235	Leadership 2 (L2)	Better use of established medicines	Professor Anthony Rodgers	University of New South Wales	\$2,924,080.00
2033238	Leadership 3 (L3)	Driving innovation in gene and cell therapy for rare diseases	Prof John Rasko	University of Sydney	\$2,000,000.00
2033247	Leadership 3 (L3)	Translational research to transform care in the developmental and epileptic encephalopathies	Professor Ingrid Scheffer	University of Melbourne	\$2,981,630.00
2033249	Leadership 3 (L3)	Achieving HIV elimination and control of related conditions in gay and bisexual men	Professor Andrew Grulich	University of New South Wales	\$2,981,630.00
2033264	Leadership 1 (L1)	Optimising radical cure for vivax malaria to accelerate malaria elimination	Associate Professor Kamala Ley-Thriemer	Menzies School of Health Research	\$2,360,416.00
2033272	Leadership 3 (L3)	Improving atrial fibrillation outcomes	Professor Jonathan Kalman	University of Melbourne	\$2,490,815.00
2033277	Leadership 2 (L2)	New health economic tools for improving the health and wellbeing of older Australians	Professor Julie Ratcliffe	Flinders University	\$2,924,080.00



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2033280	Leadership 1 (L1)	Evidence-based interventions for gaming disorder in adolescents and young adults	Associate Professor Daniel King	Flinders University	\$2,792,745.00
2033294	Leadership 1 (L1)	Towards Elimination of Avoidable Infections in Surgery	Professor Trisha Peel	Monash University	\$2,792,745.00
2033297	Leadership 1 (L1)	Targeting mitochondrial health in Parkinson's disease through mitophagy	Associate Professor Michael Lazarou	The Walter and Eliza Hall Institute of Medical Research	\$2,792,745.00
2033299	Leadership 1 (L1)	Optimising the use of antibiotics for sexually transmitted infections to improve antimicrobial stewardship	Professor Eric Chow	Monash University	\$2,792,745.00
2033319	Leadership 2 (L2)	A working partnership with Aboriginal and Torres Strait Islander people to address inequities in diabetes and related health conditions	Professor Louise Maple-Brown	Menzies School of Health Research	\$2,739,264.00
2033320	Leadership 3 (L3)	New pathways to achieve highly protective and long-lasting malaria vaccines	Professor James Beeson	Burnet Institute	\$2,981,630.00
2033340	Leadership 1 (L1)	Targeting Glycosylation in Myeloproliferative Diseases	Associate Professor Ethan Goddard-Borger	The Walter and Eliza Hall Institute of Medical Research	\$2,392,745.00
2033366	Leadership 2 (L2)	Mobile DNA decides neuronal fate in the normal and degenerative human brain	Professor Geoffrey Faulkner	The University of Queensland	\$2,924,080.00
2033380	Leadership 1 (L1)	Developing, translating and implementing biostatistical expertise in stepped wedge cluster randomised trials	Associate Professor Jessica Kasza	Monash University	\$2,792,745.00



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2033452	Leadership 2 (L2)	Harnessing disease tolerance and immune protection to treat fungal sepsis	Professor Ana Traven	Monash University	\$2,524,080.00
2033499	Leadership 2 (L2)	Transcriptomics at exquisite resolution	Professor Alicia Oshlack	University of Melbourne	\$2,924,080.00
2033534	Leadership 1 (L1)	The impact of settler-colonial risks on Aboriginal and Torres Strait Islander health and the role of culture as a protective factor	Professor Raymond Lovett	Australian National University	\$2,792,745.00
2033543	Leadership 1 (L1)	Leveraging Uterine-Targeted Nanoparticles for Preventing Preterm Birth	Doctor Jonathan Paul	The University of Newcastle	\$2,592,745.00
2033554	Leadership 2 (L2)	Liquid biopsy multi-omic approaches to optimise precision medicine in cancer	Professor Sarah-Jane Dawson	University of Melbourne	\$2,924,080.00
2033557	Leadership 3 (L3)	Identifying and targeting epigenetic mechanisms of therapeutic resistance in cancer	Professor Mark Dawson	University of Melbourne	\$2,981,630.00
2033589	Leadership 1 (L1)	Strong Skin means Strong Health	Associate Professor Asha Bowen	University of Western Australia	\$2,792,745.00
2033610	Leadership 3 (L3)	Improving the outcomes for children with Tourette Syndrome and co-morbid mental health conditions	Professor Valsamma Eapen	University of New South Wales	\$1,788,978.00
2033661	Leadership 3 (L3)	Tackling the evidence-policy-practice gap in ear and hearing health of First Nations children, particularly in the Northern Territory	Professor Amanda Leach	Menzies School of Health Research	\$2,981,630.00
2033679	Leadership 1 (L1)	Homicide at home: Minimising the impact on young survivors	Professor Eva Alisic	University of Melbourne	\$2,792,745.00



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2033680	Leadership 3 (L3)	Innovative Biotechnological Approaches for Prevention and Therapy of Myocardial Infarction	Professor Karlheinz Peter	Baker Heart and Diabetes Institute	\$2,981,630.00
2033694	Leadership 2 (L2)	Optimising developmental outcomes for children born preterm using digital health solutions	Professor Alicia Spittle	University of Melbourne	\$2,924,080.00
2033718	Leadership 1 (L1)	Unlocking the Therapeutic Potential of Interleukin-22	Associate Professor Sumaira Hasnain	The University of Queensland	\$2,792,745.00
2033771	Leadership 2 (L2)	Identifying and overcoming mechanisms of failure of CD19 CAR-T cell immunotherapy for large B cell lymphoma	Professor Cameron Turtle	University of Sydney	\$2,924,080.00
2033783	Leadership 2 (L2)	Harnessing optimal immunity for protection from life-threatening respiratory virus infections	Professor Katherine Kedzierska	University of Melbourne	\$2,924,080.00
2033891	Leadership 2 (L2)	Advancing Precision Medicine for Lung Cancer	Professor Benjamin Solomon	University of Melbourne	\$2,739,264.00
2033906	Leadership 1 (L1)	Saving Sight in Uveitis: The cornea as a novel window to the ocular immune system	Associate Professor Laura Downie	University of Melbourne	\$2,000,000.00
2033915	Leadership 3 (L3)	Harnessing T cell immunity in the liver	Professor William Heath	University of Melbourne	\$2,981,630.00
2033928	Leadership 3 (L3)	Improving Posttraumatic Mental Health	Professor Richard Bryant	University of New South Wales	\$2,981,630.00
2033951	Leadership 3 (L3)	Artificial protein circuits and the next generation diagnostics	Professor Kirill Alexandrov	Queensland University of Technology	\$2,981,630.00
2033958	Leadership 3 (L3)	Improving the response to anti-cancer therapy	Professor Matthias Ernst	La Trobe University	\$2,981,630.00



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2033961	Leadership 2 (L2)	Targeting the protective properties of exercise to prevent and treat heart failure, atrial fibrillation and cardiometabolic disease in males and females	Professor Julie McMullen	Baker Heart and Diabetes Institute	\$2,324,080.00
2033963	Leadership 3 (L3)	Ensuring Australians with back pain receive the right care	Professor Chris Maher	University of Sydney	\$2,981,630.00
2033989	Leadership 2 (L2)	Safer oxygen therapy for preterm infants through automated oxygen titration	Professor Peter Dargaville	University of Tasmania	\$2,462,040.00
2034002	Leadership 2 (L2)	Enhancing hepatitis C testing, treatment, and prevention to facilitate elimination	Professor Jason Grebely	University of New South Wales	\$2,924,080.00
2034082	Leadership 3 (L3)	Complementary studies of HIV and Herpes Simplex Viral infection of genital mucosa and the mechanism of action of systemically delivered vaccines	Professor Anthony Cunningham	University of Sydney	\$2,981,630.00
2034104	Leadership 2 (L2)	Killing Zombies: the emergence of dead enzymes as therapeutic targets in inflammatory disease	Professor James Murphy	The Walter and Eliza Hall Institute of Medical Research	\$2,924,080.00
2034108	Leadership 3 (L3)	Translational Analytics: Integrating experimental and clinical data to understand vaccination and immunity	Professor Miles Davenport	University of New South Wales	\$2,981,630.00
2034130	Leadership 2 (L2)	Developing effective, efficient and scalable clinical pathways for autistic children	Professor Andrew Whitehouse	University of Western Australia	\$2,924,080.00
2034209	Leadership 2 (L2)	Unravelling the Diversity and Function of Tissue-Resident Lymphocytes	Professor Laura Mackay	University of Melbourne	\$2,924,080.00



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2034258	Leadership 3 (L3)	Applying innovative approaches to developing transformational treatments for people with drug resistant epilepsy	Professor Terence O'Brien	Monash University	\$2,981,630.00
2034281	Leadership 3 (L3)	Deciphering mechanisms underlying breast cancer to improve patient outcomes	Professor Jane Visvader	The Walter and Eliza Hall Institute of Medical Research	\$2,981,630.00
2034292	Leadership 3 (L3)	Cell type and organelle specific identification of molecular mechanisms initiating and propagating neurodegenerative diseases	Professor Glenda Halliday	University of Sydney	\$2,981,630.00
2034293	Leadership 3 (L3)	Molecular basis of cardiac mechanotransduction: Focus on Piezo ion channels	Professor Boris Martinac	University of New South Wales	\$2,581,630.00
2034294	Leadership 3 (L3)	Enhancing the activity of BH3 mimetic drugs in blood cancers	Professor Andrew Roberts	The Walter and Eliza Hall Institute of Medical Research	\$2,588,978.00
2034308	Leadership 1 (L1)	Using genomics to diagnose and manage patients with inherited cardiac disorders	Associate Professor Jodie Ingles	University of New South Wales	\$2,792,745.00
2034395	Leadership 2 (L2)	Understanding the molecular basis of therapy resistance to improve outcomes for lymphoma	Associate Professor Gemma Kelly	The Walter and Eliza Hall Institute of Medical Research	\$2,924,080.00
2034405	Leadership 3 (L3)	Complementary strategies to increase the utility of low-intensity ultrasound as a therapeutic modality for Alzheimer's disease	Professor Juergen Goetz	The University of Queensland	\$2,981,630.00



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2034406	Leadership 1 (L1)	Implementation and evaluation of single dose human papillomavirus vaccination to achieve equitable cervical cancer elimination	Professor Julia Brotherton	University of Melbourne	\$2,792,745.00
2034420	Leadership 3 (L3)	Paradigm-changing strategies to reduce global asthma mortality and morbidity	Professor Helen Reddel	Macquarie University	\$2,785,304.00
2034422	Leadership 3 (L3)	Evidence generation for a national melanoma prevention and early detection strategy	Professor Monika Janda	The University of Queensland	\$2,000,000.00
2034453	Leadership 3 (L3)	Beyond the Cancer Care Divide: achieving First Nations health equity	Professor Gail Garvey	The University of Queensland	\$2,981,630.00
2034478	Leadership 2 (L2)	Management of musculoskeletal pain: testing treatment effectiveness and reducing medication-related harm	Professor Chung-Wei Christine Lin	University of Sydney	\$2,924,080.00
2034497	Leadership 1 (L1)	The critical role of circadian rhythms disruption on the pathophysiology of metabolic diseases	Associate Professor Frederic Gachon	The University of Queensland	\$2,792,745.00
2034498	Leadership 3 (L3)	Improving sustainability and equity of youth physical activity initiatives at scale	Professor Jo Salmon	Deakin University	\$2,981,630.00
2034513	Leadership 1 (L1)	Addressing Critical Knowledge Gaps to Improve Outcomes in Ovarian, Endometrial and Thyroid Cancers	Associate Professor Susan Jordan	The University of Queensland	\$2,792,745.00
2034520	Leadership 1 (L1)	Personalising brain care in preterm babies	Associate Professor Flora Wong	Monash University	\$2,396,372.50
2034556	Leadership 1 (L1)	Bridging discovery and translation to target the genetic control of complex diseases at a cellular level	Professor Joseph Powell	University of New South Wales	\$2,792,745.00



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2034568	Leadership 2 (L2)	Enabling genetics-based disease risk prediction in Australia	Professor Stuart Macgregor	The Council of the Queensland Institute of Medical Research	\$2,924,080.00
2034593	Leadership 3 (L3)	Molecular and cellular requirements for generating long-lived adaptive humoral immunity in humans	Professor Stuart Tangye	University of New South Wales	\$2,981,630.00
2034602	Leadership 3 (L3)	The right to know: Addressing health-related information deficits in online purchasing contexts	Professor Simone Pettigrew	University of New South Wales	\$2,781,630.00
2034631	Leadership 1 (L1)	Strengthening primary health systems through Australian Indigenous paradigms: self-governance for healthy Country and community wellbeing	Associate Professor Veronica Matthews	University of Sydney	\$2,792,745.00
2034643	Leadership 3 (L3)	Malaria and development of new antimalarials	Professor Alan Cowman	The Walter and Eliza Hall Institute of Medical Research	\$2,981,630.00
2034644	Leadership 2 (L2)	Novel strategies for global control of meningococcal disease and gonorrhoea	Professor Helen Marshall	The University of Adelaide	\$2,554,448.00
2034661	Leadership 3 (L3)	Cell death and inflammation	Professor John Silke	The Walter and Eliza Hall Institute of Medical Research	\$2,981,630.00
2034677	Leadership 2 (L2)	What tickles T cells? Understanding the drivers of T cell activation	Professor Stephanie Gras	La Trobe University	\$2,524,080.00
2034686	Leadership 1 (L1)	Optimising adult vaccination programs	Associate Professor Bette Liu	University of New South Wales	\$2,792,745.00
2034788	Leadership 3 (L3)	Building the knowledge base for effective stigma reduction interventions in health care	Professor Carla Treloar	University of New South Wales	\$2,981,630.00



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2034827	Leadership 1 (L1)	SPIDERMAP: Harnessing Spatial Epidemiology for Infectious Disease Estimation, Research and Mapping to Enhance Public Health Action in Australia and the Pacific	Associate Professor Benn Sartorius	The University of Queensland	\$2,792,745.00
2034925	Leadership 1 (L1)	Advancing the science of evidence synthesis: developing standards, guidance and resources for better evidence for better health decisions	Professor Zachary Munn	The University of Adelaide	\$2,792,745.00
2034960	Leadership 3 (L3)	Strategic Development of a Trial Culture for Surgical Innovation and Evaluation: A Node Catalyst Model	Professor David Beard	University of Sydney	\$2,054,863.70
2035021	Leadership 2 (L2)	Exploring the Boundaries of Nuclear Reprogramming	Professor Jose Polo	The University of Adelaide	\$2,924,080.00
2035037	Leadership 1 (L1)	Long-read sequencing methods and resources for genomic medicine	Doctor Ira Deveson	University of New South Wales	\$2,792,745.00
2035040	Leadership 3 (L3)	Faster health solutions for today's children and adults	Professor Melissa Wake	Murdoch Children's Research Institute	\$2,981,630.00
2035042	Leadership 2 (L2)	Exploiting epigenetic memory and manipulation to advance cell biotechnologies and disease treatment	Professor Ryan Lister	University of Western Australia	\$2,924,080.00
2035090	Leadership 3 (L3)	Venoms to drugs: translating venom peptides into human therapeutics	Professor Glenn King	The University of Queensland	\$2,981,630.00

Emerging Leadership 2 Level applications

Application ID	Category/Level	Application Title	Chief Investigator Name	Administering Institution	Budget
2032970	Emerging Leadership 2 (EL2)	Upholding our rights to self-determination in tobacco control policy and practice: Indigenous-led solutions to preventable death and disease caused by tobacco	Associate Professor Michelle Kennedy (nee Bovill)	The University of Newcastle	\$1,598,610.62*
2032983	Emerging Leadership 2 (EL2)	Lost Voices: Improving Outcomes for Older Australians with Communication Disability through Identification, Inclusion and Improved Quality of Care.	Doctor Sarah Wallace	The University of Queensland	\$1,603,775.00
2033019	Emerging Leadership 2 (EL2)	Deciphering the genetic landscape of motor neuron disease towards improved outcomes for patients	Associate Professor Kelly Williams	Macquarie University	\$1,056,487.60
2033069	Emerging Leadership 2 (EL2)	Development of pre-clinical platforms for enhancing antibody quality in vaccine design.	Doctor Deborah Burnett	University of New South Wales	\$1,603,775.00
2033087	Emerging Leadership 2 (EL2)	Understanding a novel immune approach for malaria control and the implications for a vaccine	Doctor Sidonia Eckle	University of Melbourne	\$1,603,775.00
2033119	Emerging Leadership 2 (EL2)	Unleashing the power of AI: Supercharging social media campaigns against youth vaping	Doctor Chung Kai Chan	The University of Queensland	\$1,603,775.00
2033152	Emerging Leadership 2 (EL2)	Improving Outcomes for High-Risk Paediatric Leukaemia	Associate Professor Rishi Kotecha	Curtin University	\$1,483,020.00
2033318	Emerging Leadership 2 (EL2)	Reducing the burden of infectious diseases using translational analytics	Doctor David Khoury	University of New South Wales	\$1,603,775.00
2033358	Emerging Leadership 2 (EL2)	Artificial Ion Channels for Advancing Neural Signalling and Treating Neurological Diseases	Associate Professor Huacheng Zhang	RMIT University	\$1,603,775.00



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2033415	Emerging Leadership 2 (EL2)	Identification of a genetic-microbial signature for the prevention and treatment of stomach cancer	Doctor Natalia Castano Rodriguez	University of New South Wales	\$1,603,775.00
2033440	Emerging Leadership 2 (EL2)	Exploration of the skin molecular ecosystem and early melanoma development	Doctor Mitchell Stark	The University of Queensland	\$1,603,775.00
2033539	Emerging Leadership 2 (EL2)	Harnessing The Gut Microbiota To Predict And Prevent Life-Threatening Complications Of Haematopoietic Stem Cell Transplantation	Doctor Hannah Wardill	The University of Adelaide	\$1,543,893.75
2033596	Emerging Leadership 2 (EL2)	Stress in Epilepsy: Relating multiday cycles of seizure risk and the autonomic nervous system to deliver novel epilepsy management.	Doctor Philippa Karoly	University of Melbourne	\$1,603,775.00
2033600	Emerging Leadership 2 (EL2)	Investigating macrophage programming during dead cell clearance	Doctor Maria Tanzer	The Walter and Eliza Hall Institute of Medical Research	\$1,603,775.00
2033626	Emerging Leadership 2 (EL2)	Treatment Equity and AccessibiliTy for kids (TREATkids)	Associate Professor Amanda Gwee	Murdoch Children's Research Institute	\$1,422,642.50
2033683	Emerging Leadership 2 (EL2)	Population approaches for prevention, diagnosis and management of childhood deafness	Associate Professor Valerie Sung	Murdoch Children's Research Institute	\$1,422,642.50
2033799	Emerging Leadership 2 (EL2)	Paving the Way Towards a New National Screening Program for Type 1 Diabetes and Coeliac Disease for all Australian Children	Doctor Kirstine Bell	University of Sydney	\$1,603,775.00
2033815	Emerging Leadership 2 (EL2)	Longitudinal analysis of glioma: identifying new biomarkers of treatment response	Doctor James Whittle	The Walter and Eliza Hall Institute of Medical Research	\$1,422,642.50



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2033851	Emerging Leadership 2 (EL2)	New diagnostic strategies for antibiotic-resistant infections	Doctor Patrick Harris	The University of Queensland	\$1,362,265.00
2033880	Emerging Leadership 2 (EL2)	Restoring immunity across the human lifespan and in high-risk groups	Doctor Carolien van de Sandt	University of Melbourne	\$1,603,775.00
2033917	Emerging Leadership 2 (EL2)	Novel approaches to enhance the quality of systematic reviews that underpin public health and policy decisions	Doctor Matthew Page	Monash University	\$1,503,775.00
2033919	Emerging Leadership 2 (EL2)	Modulating stem-like T cells to resolve chronic infections and cancer	Doctor Yannick Alexandre	University of Melbourne	\$1,603,775.00
2034017	Emerging Leadership 2 (EL2)	Systematic identification of novel immunotherapy targets	Doctor Conor Kearney	La Trobe University	\$1,278,300.66
2034034	Emerging Leadership 2 (EL2)	Healthy sleep: Advancing the treatment and prevention of insomnia	Doctor Bei Bei	Monash University	\$1,403,775.00
2034047	Emerging Leadership 2 (EL2)	Harnessing digital technologies to scale trauma-focussed mental healthcare	Doctor Caitlin Hitchcock	University of Melbourne	\$1,603,775.00
2034092	Emerging Leadership 2 (EL2)	Investing in the early years to improve social and emotional wellbeing (SEWB) of Aboriginal parents and young people.	Associate Professor Yvonne Clark	South Australian Health and Medical Research Institute Limited	\$1,614,775.00*
2034195	Emerging Leadership 2 (EL2)	Androgen disruption as a novel treatment approach in hormone 'insensitive' cancers	Doctor Miles Andrews	Monash University	\$1,603,775.00
2034225	Emerging Leadership 2 (EL2)	Discovery of a novel dopamine circuit that uniquely contributes to methamphetamine use disorder	Doctor Melissa Sharpe	University of Sydney	\$1,603,775.00



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2034261	Emerging Leadership 2 (EL2)	Revolutionising equitable health workforce policy and planning in Australia	Associate Professor Stephanie Topp	James Cook University	\$1,483,020.00
2034266	Emerging Leadership 2 (EL2)	Better feet, better lives: Next generation care for people with diabetes foot disease	Associate Professor Peter Lazzarini	Queensland University of Technology	\$1,603,775.00
2034290	Emerging Leadership 2 (EL2)	A new implementable early burn care intervention strategy for children across Australia	Associate Professor Bronwyn Griffin	Griffith University	\$1,603,775.00
2034399	Emerging Leadership 2 (EL2)	Enabling precision medicine for oesophageal cancer patients	Doctor Lauren Aoude	The University of Queensland	\$1,603,775.00
2034418	Emerging Leadership 2 (EL2)	Improving infectious diseases outcomes among people who inject drugs	Doctor Marianne Martinello	University of New South Wales	\$1,301,887.50
2034451	Emerging Leadership 2 (EL2)	Improving the understanding and management of chronic wet cough and its associations in children	Associate Professor Julie Marchant	Queensland University of Technology	\$1,603,775.00
2034480	Emerging Leadership 2 (EL2)	Improving health outcomes for sick and premature infants	Doctor Calum Roberts	Monash University	\$1,362,265.00
2034488	Emerging Leadership 2 (EL2)	Immune Dashboard Chip (IDC): Single-molecule digital nanotechnology for profiling trace immune dysregulations in Long COVID-19 and improving mRNA vaccines	Doctor Alain Wuethrich	The University of Queensland	\$1,603,775.00
2034541	Emerging Leadership 2 (EL2)	Opioid stewardship for patients undergoing hip and knee replacements	Doctor Jonathan Penm	University of Sydney	\$1,603,775.00
2034599	Emerging Leadership 2 (EL2)	The Visual System: A Window into Glial Dynamics and Neuroinflammatory Pathways in Neurodegenerative Diseases	Doctor Yuyi You	Macquarie University	\$1,301,887.50



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2034615	Emerging Leadership 2 (EL2)	Advancing the evidence-base in cardiac arrest and resuscitation	Doctor Ziad Nehme	Monash University	\$1,483,020.00
2034633	Emerging Leadership 2 (EL2)	AT RISK - A Novel Neurophysiological Approach to Biomarkers in Neurodegeneration	Doctor Emma Devenney	University of Sydney	\$1,603,775.00
2034779	Emerging Leadership 2 (EL2)	Precision Medicine for Indigenous Australians: Epigenetic biomarkers to improve cardiometabolic disease prediction, management and prevention	Doctor Sam Buckberry	Australian National University	\$1,603,775.00
2034812	Emerging Leadership 2 (EL2)	Improving understanding of natural history, refining diagnosis and optimising health outcomes in women with polycystic ovary syndrome - a prevalent, yet underserved population	Doctor Anju Joham	Monash University	\$1,362,265.00
2034943	Emerging Leadership 2 (EL2)	Preventing Psychotic Disorders Using Artificial Intelligence	Doctor Dominic Dwyer	University of Melbourne	\$1,603,775.00
2034945	Emerging Leadership 2 (EL2)	Harnessing Nanotechnology to Develop Next-Generation mRNA Oral Vaccines	Doctor Hao Song	The University of Queensland	\$1,603,775.00
2034976	Emerging Leadership 2 (EL2)	Data driven approaches to outsmart skin cancer	Associate Professor Victoria Mar	Monash University	\$1,362,265.00
2034989	Emerging Leadership 2 (EL2)	Optimising the scale-up of evidence-based tools for control and local elimination of dengue	Doctor Katherine Anders	Monash University	\$1,603,775.00

**Includes \$11,000 for the 'Facilitate International Indigenous Researcher Networks' supplement. Awardees who identify as being of Aboriginal and/or Torres Strait Islander descent may request an additional total \$11,000 as part of their grant funding for travel to appropriate international conferences and/or short-term collaborative activities.*

Emerging Leadership 1 Level applications

Application ID	Category/Level	Application Title	Chief Investigator Name	Administering Institution	Budget
2033018	Emerging Leadership 1 (EL1)	Identifying and characterising gene regulatory networks of autoimmune diseases at single-cell resolution	Doctor Angli Xue	University of New South Wales	\$674,400.00
2033054	Emerging Leadership 1 (EL1)	Don't Blow It: Harnessing an Effective and Scalable Drug Prevention Model to Curb Youth Vaping	Doctor Lauren Gardner	University of Sydney	\$674,400.00
2033061	Emerging Leadership 1 (EL1)	Rising temperatures, rising risks: Preventing heat-induced rises in cardiovascular disease	Doctor Georgia Chaseling	University of Sydney	\$674,400.00
2033078	Emerging Leadership 1 (EL1)	Developing a laboratory-based model that mimics oral gonorrhoea infection to find compounds that can be used topically in the mouth (e.g., chewing gum) to prevent infections.	Doctor Fabian Kong	University of Melbourne	\$674,400.00
2033081	Emerging Leadership 1 (EL1)	Risk prediction models for time to event data: translating clinical trials into practice	Doctor Kristy Robledo	University of Sydney	\$674,400.00
2033089	Emerging Leadership 1 (EL1)	Harnessing mucosal antibodies against respiratory viral infections	Doctor Kevin John Selva	University of Melbourne	\$674,400.00
2033108	Emerging Leadership 1 (EL1)	Harnessing the power of the human Brain Microphysiological System as a model for neuroinflammation, viral infections and pre-clinical therapeutic screening	Doctor Ann-Na Cho	University of Sydney	\$674,400.00
2033153	Emerging Leadership 1 (EL1)	Characterizing and correcting epileptic pathology at the microcircuit scale	Doctor Alexander Bryson	University of Melbourne	\$674,400.00



Application ID	Category/Level	Application Title	Chief Investigator Name	Administering Institution	Budget
2033165	Emerging Leadership 1 (EL1)	Evidence based use of high-efficacy therapies in multiple sclerosis	Doctor Izanne Roos	University of Melbourne	\$674,400.00
2033221	Emerging Leadership 1 (EL1)	Developing an Aboriginal community led framework to Fetal Alcohol Spectrum Disorder	Doctor Robyn Williams	Curtin University	\$674,400.00
2033232	Emerging Leadership 1 (EL1)	Improving mental health among Australian adults with diabetes through population-level monitoring	Doctor Edith Holloway	Deakin University	\$589,520.00
2033323	Emerging Leadership 1 (EL1)	Azithromycin and pneumococcal conjugate vaccine for reducing child mortality in high-risk populations	Doctor John Hart	Murdoch Children's Research Institute	\$674,400.00
2033326	Emerging Leadership 1 (EL1)	How does RNA regulate gene repression?	Doctor Evan Healy	Monash University	\$674,400.00
2033338	Emerging Leadership 1 (EL1)	Transforming resource allocation decision-making for obesity prevention	Doctor Jaithri Ananthapavan	Deakin University	\$510,914.41
2033400	Emerging Leadership 1 (EL1)	Neural perturbations in anxiety across development	Doctor Sarah Tashjian	University of Melbourne	\$674,400.00
2033412	Emerging Leadership 1 (EL1)	NeoPlatform: Neoadjuvant translational research platform to predict, monitor and enhance response to immunotherapy.	Doctor Ines Esteves Domingues Pires da Silva	University of Sydney	\$454,385.29
2033417	Emerging Leadership 1 (EL1)	Understanding and reducing the psychological and physical burden of patellofemoral pain in adolescents and young adults	Doctor Danilo De Oliveira Silva	La Trobe University	\$674,400.00



Application ID	Category/Level	Application Title	Chief Investigator Name	Administering Institution	Budget
2033433	Emerging Leadership 1 (EL1)	Plugging the sodium leak in severe neurodevelopmental disorders	Doctor Han Chow Chua	University of Sydney	\$674,400.00
2033462	Emerging Leadership 1 (EL1)	Profiling of immunotherapy resistant tumours to inform treatment selection and drug discovery for patients with advanced cancer	Doctor Tuba Gide	University of Sydney	\$674,400.00
2033519	Emerging Leadership 1 (EL1)	Improving antidepressant treatment outcomes with personalised circadian medicine	Doctor Elise McGlashan	University of Melbourne	\$674,400.00
2033530	Emerging Leadership 1 (EL1)	Transforming blood transfusion decision-making and patient blood management for and with Aboriginal and Torres Strait Islander peoples in rural and remote Australia	Doctor Tina Noutsos	Menzies School of Health Research	\$331,285.36
2033561	Emerging Leadership 1 (EL1)	Investigating Interventions and Outcomes in the Obesity-related Heart Failure with Preserved Ejection Fraction Phenotype	Doctor Sarah Gutman	Baker Heart and Diabetes Institute	\$462,200.00
2033569	Emerging Leadership 1 (EL1)	Strengthening evidence on harmful industries and their influence on public health policy	Doctor Jennifer Lacy-Nichols	University of Melbourne	\$661,609.86
2033643	Emerging Leadership 1 (EL1)	Targeting essential colonisation factors of bacterial pathogens for vaccine development	Doctor Laurence Luu	University of Technology Sydney	\$674,400.00
2033705	Emerging Leadership 1 (EL1)	Defining Inflammation in Myeloproliferative Neoplasms	Doctor Cavan Bennett	The Walter and Eliza Hall Institute of Medical Research	\$674,400.00
2033747	Emerging Leadership 1 (EL1)	Establishment of a Translational Myositis Research Program	Doctor Jessica Day	The Walter and Eliza Hall Institute of Medical Research	\$674,400.00



Application ID	Category/Level	Application Title	Chief Investigator Name	Administering Institution	Budget
2033787	Emerging Leadership 1 (EL1)	Lipid droplets as novel antiviral extracellular communicators	Doctor Ebony Monson	La Trobe University	\$674,400.00
2033803	Emerging Leadership 1 (EL1)	Harnessing pathogen genomics to understand and control antimicrobial resistance	Associate Professor Norelle Sherry	University of Melbourne	\$504,640.00
2033811	Emerging Leadership 1 (EL1)	Social referral initiatives: A transformative approach to improve the health and well-being of Aboriginal and Torres Strait Islander people with chronic conditions	Doctor Uday Yadav	Australian National University	\$674,400.00
2033823	Emerging Leadership 1 (EL1)	Deciphering the gene regulatory code of ageing to set the stage for therapeutic intervention	Doctor Marina Naval Sanchez	The University of Queensland	\$674,400.00
2033832	Emerging Leadership 1 (EL1)	Developing Better Sleep and Circadian Interventions to Improve Sleep in Young People	Doctor Cele Richardson	University of Western Australia	\$674,400.00
2033834	Emerging Leadership 1 (EL1)	Molecular characterisation of NMNAT2 activity and regulation for neuroprotection	Doctor Yun Shi	Griffith University	\$674,400.00
2033850	Emerging Leadership 1 (EL1)	Developing high-quality, clinically relevant and person-centred interventions to optimise communication function for adults with critical illness	Doctor Amy Freeman-Sanderson	University of Technology Sydney	\$674,400.00
2033921	Emerging Leadership 1 (EL1)	Cell death at the host-pathogen interface	Doctor Sarah Garnish	Monash University	\$674,400.00



Application ID	Category/Level	Application Title	Chief Investigator Name	Administering Institution	Budget
2033935	Emerging Leadership 1 (EL1)	Supporting reduced-dose pneumococcal conjugate vaccine use in low- and middle-income countries through reduced-dose schedules and opportunistic vaccination approaches	Doctor Beth Temple	Menzies School of Health Research	\$589,520.00
2033943	Emerging Leadership 1 (EL1)	Mature neuronal cell culture systems for the study of human disease	Doctor Daniel Poppe	University of Western Australia	\$674,400.00
2033949	Emerging Leadership 1 (EL1)	Artificial Placenta Development -A New Life Support System for Premature Babies	Doctor Haruo Usuda	University of Western Australia	\$674,400.00
2033976	Emerging Leadership 1 (EL1)	Understanding the structure and genetic and neurobiological mechanisms of adult psychopathology	Doctor Jeggan Tiego	Monash University	\$674,400.00
2033999	Emerging Leadership 1 (EL1)	Dissecting the cancer ecosystem as a precision medicine approach towards improving patient outcomes with high-risk melanoma	Doctor Camelia Quek	University of Sydney	\$674,400.00
2034000	Emerging Leadership 1 (EL1)	Next-generation techniques for mapping and modelling brain changes in clinical disorders	Doctor James Pang	Monash University	\$674,400.00
2034008	Emerging Leadership 1 (EL1)	Responding to the burden of chronic diseases attributable to ultra-processed foods in Australia	Doctor Priscila Pereira Machado	Deakin University	\$674,400.00
2034044	Emerging Leadership 1 (EL1)	Illuminating mechanisms of calcium signalling and their role in human disease	Doctor Christopher Horne	The Walter and Eliza Hall Institute of Medical Research	\$674,400.00
2034064	Emerging Leadership 1 (EL1)	Investigating host immunity against Cryptosporidium infection to accelerate vaccine development.	Doctor Celina Jin	The Walter and Eliza Hall Institute of Medical Research	\$674,400.00



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2034122	Emerging Leadership 1 (EL1)	Advanced nanoplatform for modulated macrophage phenotype and enhanced gene delivery against bacterial infection	Doctor Yue Wang	The University of Queensland	\$674,400.00
2034141	Emerging Leadership 1 (EL1)	Studying the topology of cancer tissue and its microenvironment to identify topological biomarkers.	Doctor Dharmesh Bhuva	The University of Adelaide	\$674,400.00
2034148	Emerging Leadership 1 (EL1)	Reaching Global Targets for HPV Vaccination in Australia: Toward Equity for People with Disability	Doctor Allison Carter	University of New South Wales	\$674,400.00
2034150	Emerging Leadership 1 (EL1)	Improving frailty knowledge and empowering behaviour change via a co-designed Frailty Hub for healthcare consumers and caregivers	Doctor Kristiana Ludlow	The University of Queensland	\$674,400.00
2034174	Emerging Leadership 1 (EL1)	Nanocarriers for oral biologic delivery	Doctor Nicholas Hunt	University of Sydney	\$674,400.00
2034194	Emerging Leadership 1 (EL1)	Transforming clinical care for children with sepsis	Associate Professor Elliot Long	Murdoch Children's Research Institute	\$589,520.00
2034202	Emerging Leadership 1 (EL1)	FRAIL-CVD: a co-designed multi-component intervention to improve frailty and health-related quality-of-life in adults with cardiovascular disease	Doctor Julee McDonagh	University of Wollongong	\$674,400.00
2034232	Emerging Leadership 1 (EL1)	Multi-Axial Profile Scores (MAPS): A Personalised Fingerprinting Framework for Improving Diagnosis and Treatment of Psychiatric Disorders	Doctor Cassandra Wannan	University of Melbourne	\$674,400.00
2034282	Emerging Leadership 1 (EL1)	Protecting the immunosuppressed from COVID-19	Doctor Eva Maria Stadler	University of New South Wales	\$674,400.00



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2034321	Emerging Leadership 1 (EL1)	Phage therapy: translating research evidence into clinical application	Doctor Aleksandra Petrovic Fabijan	University of Sydney	\$632,308.82
2034386	Emerging Leadership 1 (EL1)	Reducing the harms associated with inappropriate opioid use before spine surgery	Ms Shania Liu	University of Sydney	\$674,400.00
2034392	Emerging Leadership 1 (EL1)	Balancing the burden and responsibility of fertility between women and men	Doctor David Skerrett-Byrne	The University of Newcastle	\$674,400.00
2034414	Emerging Leadership 1 (EL1)	Making equitable decisions: Embedding appropriate and robust methods for exploring equity impacts in health decision-making processes	Doctor Anagha Killedar	University of Sydney	\$674,400.00
2034424	Emerging Leadership 1 (EL1)	Improving kidney outcomes for critically ill patients with vasodilatory shock	Doctor Emily See	University of Melbourne	\$547,080.00
2034431	Emerging Leadership 1 (EL1)	Exploiting the diversity of tissue-resident memory T cells for novel therapies	Doctor Susan Christo	University of Melbourne	\$674,400.00
2034433	Emerging Leadership 1 (EL1)	Across the blood-brain barrier: digital profiling of circulating brain-derived extracellular vesicles to monitor primary brain cancer and brain metastases	Doctor Richard Lobb	The University of Queensland	\$674,400.00
2034450	Emerging Leadership 1 (EL1)	Improving health outcomes for transgender women	Doctor Brendan Nolan	University of Melbourne	\$674,400.00
2034489	Emerging Leadership 1 (EL1)	Advancing clinical trials towards a cure for HIV	Doctor Jillian Lau	University of Melbourne	\$674,400.00



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2034533	Emerging Leadership 1 (EL1)	Understanding how regulatory T cells control self-reactive B cells in autoimmune diseases	Doctor Pablo Canete	The University of Queensland	\$599,400.00
2034538	Emerging Leadership 1 (EL1)	The dangerous path of self-medicating postpartum stress and anxiety with alcohol: Intervening early to improve the health and wellbeing of both mother and child	Doctor Katrina Prior	University of Sydney	\$674,400.00
2034583	Emerging Leadership 1 (EL1)	Measuring what Matters to Australian Mothers: The MMAMs Study	Doctor Zoe Bradfield	Curtin University	\$674,400.00
2034591	Emerging Leadership 1 (EL1)	Harnessing Small Extracellular Vesicles for Precision Periodontics	Doctor Pingping Han	The University of Queensland	\$674,400.00
2034592	Emerging Leadership 1 (EL1)	Innovating diagnostics, antibiotic treatment, and prevention strategies for urinary tract infections	Doctor Iain Abbott	Monash University	\$674,400.00
2034651	Emerging Leadership 1 (EL1)	New-generation superbright upconversion nanoprobe for ultrasensitive microRNA detection	Doctor Guochen Bao	University of Technology Sydney	\$674,400.00
2034734	Emerging Leadership 1 (EL1)	Spatiotemporal patterning of dendritic computations and learning by cholinergic inputs in the neocortex	Doctor Lee Fletcher	Monash University	\$674,400.00
2034741	Emerging Leadership 1 (EL1)	Advancing diagnosis, management & prevention of antimicrobial resistant bacterial infections with genomics	Doctor Jane Hawkey	Monash University	\$674,400.00
2034743	Emerging Leadership 1 (EL1)	From gene discovery to clinical drug development for neuropsychiatric disorders	Doctor Zachary Gerring	The Council of the Queensland Institute of Medical Research	\$674,400.00



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2034754	Emerging Leadership 1 (EL1)	Targeting cell adhesion molecules for the treatment of chemotherapy-induced neuropathy	Doctor Hana Starobova	The University of Queensland	\$674,400.00
2034767	Emerging Leadership 1 (EL1)	Enhancing Cardiovascular Risk Prediction in Patients undergoing Liver Transplantation: Role of an Impaired Cardiac Reserve (ENVISION-LT)	Doctor Anoop Koshy	University of Melbourne	\$504,640.00
2034770	Emerging Leadership 1 (EL1)	Systematic reviews of aetiology and risk factors of disease: a program of methodological research	Doctor Jennifer Stone	The University of Adelaide	\$674,400.00
2034809	Emerging Leadership 1 (EL1)	Co-designing innovative healthy food retail policies with remote Indigenous populations to improve nutrition	Doctor Megan Ferguson	The University of Queensland	\$674,400.00
2034837	Emerging Leadership 1 (EL1)	Genetic Insights into Gastrointestinal Disorders and their Comorbidity with Neuropsychiatric Conditions: Advancing Treatment and Prevention Strategies	Doctor Yeda Wu	The Council of the Queensland Institute of Medical Research	\$674,400.00
2034857	Emerging Leadership 1 (EL1)	Innovative Chemoimmunotherapy for Metastatic Castration-Resistant Prostate Cancer	Doctor Guangze Yang	The University of Adelaide	\$674,400.00
2034904	Emerging Leadership 1 (EL1)	Using internet searches and digital advertising to intervene during suicidal ideation	Doctor Sandersan Onie	University of New South Wales	\$649,400.00
2034965	Emerging Leadership 1 (EL1)	Development of a dissolvable antibacterial microneedle patch for deep wound biofilms	Doctor Hanif Haidari	University of South Australia	\$674,400.00



Application ID	Category/Level	Application Title	Chief Investigator Name	Administering Institution	Budget
2035111	Emerging Leadership 1 (EL1)	Connecting Patients to Cancer Rehabilitation: Delivering CaRe at the right place and time using the Cancer Rehabilitation to Recreation (CaReR) Framework	Doctor Amy Dennett	La Trobe University	\$674,400.00