



## 2023 Development Grants for Funding Commencing in 2024

The objectives of the Development Grant scheme are to expedite the translation of health and medical research outcomes through to commercialisation within a foreseeable timeframe by supporting proof-of-concept research with a feasible commercialisation pathway and a high likelihood of producing protected IP.

The intended outcomes of the Development Grant scheme are increased rates of translation of health and medical research into commercial outcomes, resulting in improved health and medical knowledge.

The 2023 Development Grants funding round seeking applications for funding commencing in 2024 opened on 19 April 2023. Applications closed on 14 June 2023 with 111 applications received.

The applications listed in the table below have been approved for funding by the Minister for Health and Aged Care, the Hon Mark Butler MP.

App ID	Chief Investigator Names	Application Title	Administering Institution	Budget
2030826	CIA - Prof Mark Walker CIB - Prof Gabrielle Belz CIC - Dr Obadiah Plante	Preclinical refinement of a UQ-Moderna vaccine developed to prevent StrepA infection	University of Queensland	\$1,201,617.00
2030965	CIA - Prof Paul Keall CIB - Dr Doan Trang Nguyen CIC - Prof Ricky O'Brien CID - Prof Thomas Eade CIE - Assoc Prof Jeremy Booth CIF - Assoc Prof Shankar Siva CIG - Assoc Prof Nicholas Hardcastle CIH - Assoc Prof Sashendra Senth CII - Assoc Prof David Pryor	A new device for targeted radiation therapy to improve cancer patient outcomes	University of Sydney	\$668,892.80



App ID	Chief Investigator Names	Application Title	Administering Institution	Budget
2031101	CIA - Prof Richard Payne CIB - Dr Anneliese Ashhurst CIC - Prof Scott Byrne CID - Dr Daniel Ford CIE - Dr David Shackelford CIF - Prof Pablo Fernandez Peñas	Development of an immune-modulating human peptide as a next generation topical therapy for inflammatory skin diseases	University of Sydney	\$1,017,999.00
2031171	CIA - Assoc Prof Tracy Putoczki CIB - Assoc Prof Michael Griffin CIC - Assoc Prof Britt Christensen CID - Prof Wai-Hong Tham	Development of a new drug for Crohn's Disease	Walter and Eliza Hall Institute of Medical Research	\$998,948.00
2031349	CIA - Prof David Grayden CIB - Dr Sam John CIC - Prof Anthony Burkitt CID - Prof Nicholas Opie CIE - Asst Prof David Collins	Endovascular focussed ultrasound for brain stimulation	University of Melbourne	\$906,148.00
2031405	CIA - Prof Jane Pillow CIB - Dr Lee Hubble CIC - Prof Jonathan Morris CID - Prof Joseph Wang CIE - Dr Julian Shapley CIF - Dr Tristan Chaplin CIG - Assoc Prof Deborah Fox CIH - Dr Arjun Kaushik CII - Dr Michael Challenor	DelivAssure: A novel fetal lactate sensor to improve detection of intrapartum fetal hypoxia	University of Western Australia	\$1,499,491.18



App ID	Chief Investigator Names	Application Title	Administering Institution	Budget
2031477	CIA - Dr Pierre Qian CIB - Dr M.A. (Tony) Barry CIC - Assoc Prof Stuart Thomas CID - Dr Aravinda Thiagalingam CIE - Prof Alistair McEwan CIF - Prof Clara Chow CIG - Mr Duc Nguyen	Aurora microwave ablation system for ventricular arrhythmias	University of Sydney	\$1,219,255.20
2031506	CIA - Dr Andrew Brodie CIB - Prof Nigel Lovell CIC - Prof Arun Krishnan	Helping five million people with Parkinson's Disease walk	University of New South Wales	\$972,858.50
2031542	CIA - Dr Brad Sleebs CIB - Assoc Prof Christopher Tonkin CIC - Prof Alan Cowman CID - Prof James McCarthy	Development of aspartyl protease inhibitors targeting the diarrheal parasite <i>Cryptosporidium</i>	Walter and Eliza Hall Institute of Medical Research	\$ 1,453,577.20
2031553	CIA - Prof David Craik CIB - Dr Conan Wang CIC - Prof Kristofer Thurecht CID - Prof Trent Woodruff CIE - Assoc Prof Barbara Rolfe CIF - Dr Yen-Hua Crystal Huang	Developing novel peptide tracers for improving immunotherapy outcomes	University of Queensland	\$ 612,781.10
2031577	CIA - Prof Ian Street CIB - Assoc Prof Tao Liu CIC - Prof Susan Charman CID - Dr David Shackelford CIE - Dr Jamie Fletcher CIF - Prof Paul Stupple CIG - Dr Thomas Peat	Development of methyltransferase like protein 5 (METTL5) Inhibitors for treatment of solid tumours in children and adults	University of New South Wales	\$ 1,294,576.10



App ID	Chief Investigator Names	Application Title	Administering Institution	Budget
2031600	CIA - Prof Raymond Norton CIB - Prof Carol Pollock CIC - Dr Dorothy Wai CID - Dr Chunling Huang CIE - Assoc Prof Xin-Ming Chen CIF - Assoc Prof Joseph Nicolazzo CIG - Dr Michael de Veer	Development of a Kv1.3 potassium channel inhibitor as a new class of treatment for diabetic kidney disease	Monash University	\$ 753,140.70
2031655	CIA - Prof Andrew Scott CIB - Prof Hui Gan CIC - Prof John Mariadason CID - Dr Laura Osellame CIE - Dr Ingrid Burvenich CIF - Dr Christian Wichmann	A novel targeted therapy for cancer	La Trobe University	\$ 1,270,432.40
2031727	CIA - Prof Shaun Jackson CIB - Prof Richard Payne CIC - Mr Peter Bush CID - Assoc Prof Simone Schoenwaelder CIE - Assoc Prof Candice Delcourt CIF - Dr Daniel Ford CIG - Dr Jessica Maclean CIH - Dr Xuyu Liu	Development of novel anticoagulants for stroke	Heart Research Institute	\$ 1,243,312.51
			<b>Total</b>	\$15,113,029.69