



2024 Development Grants for Funding Commencing in 2025

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 2024 Development Grants funding round seeking applications for funding commencing in 2025 opened on 17 April 2024. Applications closed on 12 June 2024 with 145 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
2039614	CIA - Prof Aleksandar Rakic CIB - Prof H. Peter Soyer CIC - Dr Mitchell Stark CID - Prof Michael Brünig CIE - Harald Kittler* CIF - Edmund Linfield* CIG - Dr Karl Bertling CIH - Dr Xiaoqiong Qi CII - Dr Jari Tornainen CIJ - Mrs Tamara Mills	Melanoma detection with terahertz quantum technology: accurate early diagnosis and progression assessment	The University of Queensland	\$1,209,465.20



App ID	Chief Investigator Names	Application Title	Administering Institution	Budget
2039688	CIA - Dr Chengxue Helena Qin CIB - Prof Paul Stupple CIC - Prof Rebecca Ritchie CID - Assoc Prof Jane Bourke CIE - Dr Kieran Stockton CIF - Dr Katie Leach CIG - Assoc Prof David Shackelford CIH - Dr Lauren May	Development of innovative small molecules for therapeutic intervention for pulmonary arterial hypertension	Monash University	\$999,764.50
2039819	CIA - Prof Eric Reynolds CIB - Dr James Holden CIC - Dr Nada Slakeski CID - Dr Christine Seers CIE - Dr Ali Mohammed CIF - Mr Geoffrey Adams	Preclinical development of a multidomain vaccine for periodontitis-associated Alzheimer's Disease (PAD Vax)	University of Melbourne	\$1,287,122.40
2039862	CIA - Prof Sarah Robertson CIB - Prof Krasimir Vasilev CIC - Dr Soraya Rasi Ghaemi CID - Dr Nicole McPherson nee Palmer CIE - Dr David Sharkey	A functionalised surface device for spermatozoa selection in assisted reproductive medicine	The University of Adelaide	\$820,607.30
2039887	CIA - Dr Linh Tran CIB - Prof Anatoly Rozenfeld CIC - Assoc Prof Marco Petasecca CID - Prof Michael Lerch CIE - Assoc Prof Michael Jackson CIF - Assoc Prof Verity Ahern CIG - Dr Nicolas Depauw	BioDosi: Revolutionising quality assurance of proton therapy plans for cancer treatments	University of Wollongong	\$900,463.00



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2039897	CIA - Prof Ricky O'Brien CIB - Dr Doan Trang Nguyen CIC - Prof Paul Keall CID - Dr Pierre Qian	New devices to treat arrhythmias with radiation	RMIT University	\$942,703.60
2040091	CIA - Dr Tuguy Esgin CIB - Prof Mehmet Yuce CIC - Dr Mark Halaki CID - Prof Martin Ugander	Djiridji Koodjal "Two Hearts" - Connection and cooperation between technology and indigenous community health	Curtin University	\$1,465,178.10
2040246	CIA - Prof Daniel Christ CIB - Dr Greg Winter	Maturation and enablement of a therapeutic monoclonal antibody	University of New South Wales	\$987,585.00
2040278	CIA - Prof Peter Dargaville CIB - Dr Shiraz Badurdeen CIC - Dr Timothy Gale CID - Dr Hamish Graham CIE - Assoc Prof Ju Lee Oei	Automated titration of low-flow oxygen therapy in infants and young children	University of Tasmania	\$1,118,248.71
2040315	CIA - Prof Levon Khachigian CIB - Prof Paul de Souza CIC - Emer Prof Christopher Parish	Novel small molecule PD-1 inhibitor as a novel pharmaco-immunotherapeutic for melanoma	University of New South Wales	\$1,124,732.00
2040327	CIA - Assoc Prof Mark Smythe CIB - Prof Kiarash Khosrotehrani	Targeting prostaglandin D2 pathway for enhanced therapy in atopic dermatitis	The University of Queensland	\$795,402.00



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2040332	CIA - Prof Lars Ittner CIB - Dr Roland Meier CIC - Dr Janet van Eersel CID - Dr Ole Tietz CIE - Dr Alexandra Daryl Ariawan CIF - Dr Mian Bi	A novel protein-protein interaction inhibitor to treat Alzheimer's disease	Macquarie University	\$468,629.20
2040342	CIA - Prof Ryan Lister CIB - Prof Jose Polo CIC - Assoc Prof Matthew McCormack CID - Dr Sue Mei Lim	Developing a safe and universal pluripotent stem cell technology for cell therapy manufacturing	University of Western Australia	\$996,643.50
2040344	CIA - Prof John Hooper CIB - Prof Kristofer Thurecht CIC - Prof Trent Munro	Optimising an antibody for clinical trials in cancer patients	The University of Queensland	\$827,863.60
2040370	CIA - Prof Gary Anderson CIB - Dr Ao Wen Zhuang CIC - Mr Sebastian Hogl	Targeting JAG-1 for mucosecretory diseases	University of Melbourne	\$1,263,398.00
2040395	CIA - Assoc Prof Peter Janes CIB - Prof Andrew Scott CIC - Dr Ingrid Burvenich CID - Dr Christian Wichmann CIE - Prof Hui Gan	Development of novel antibody-drug conjugates targeting ADAMs	La Trobe University	\$917,229.00
			Total	\$16,125,035.11

* Title not provided