



## 2020 Development Grants for funding commencing in 2021

The Development Grant scheme provides financial support to individual researchers and/or research teams to undertake health and medical research within Australia at the proof-of-concept stage that specifically drives towards a commercial outcome within a foreseeable timeframe.

The scheme supports the commercial development of a product, process, procedure or service that, if applied, would result in improved health care, disease prevention or provide health cost savings.

Research supported by this scheme must, via a commercial business plan, have detailed feasible strategies for commercialisation that takes into account the regulatory pathway, protectable Intellectual Property, commercial barriers and potential routes to market.

The 2020 Development Grant funding round seeking applications for funding commencing in 2021 opened on 23 October 2019. Applications closed on 11 December 2019 with 102 applications received.

The applications listed in the table below have been approved for funding by the Minister for Health, the Hon Greg Hunt MP.

App ID	Chief Investigators Names	Application Title	Administering Institution	Budget (\$)
APP2000044	CIA - Professor Erica Fletcher (University of Melbourne) CIB - Associate Professor Michael Foley (La Trobe University) CIC - Professor Robyn Guymer (Centre for Eye Research Australia Limited) CID - Professor Ben Boyd (Monash University)	Development of AD214 a novel anti-fibrotic treatment for advanced Age related macular degeneration	University of Melbourne	\$687,994.00

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APP2000079	CIA - Professor Mark Smyth (The Council of the Queensland Institute of Medical Research) CIB - Doctor Bill Dougall (The Council of the Queensland Institute of Medical Research) CIC - Associate Professor Brett Hughes (Department of Health QLD)	New multivalent antibodies for immunooncology	The Council of the Queensland Institute of Medical Research	\$808,978.00
APP2000087	CIA - Professor Jonathan Baell (Monash University) CIB - Doctor Darren Creek (Monash University) CIC - Doctor Michael Edstein (Australian Army Malaria Institute) CID - Professor Susan Charman (Monash University) CIE - Professor Vicky Avery (Griffith University) CIF - Doctor Girdhar Deora (Monash University)	Development of a New Class of Broad-Stage Antimalarial Agents	Monash University	\$729,036.50
APP2000088	CIA - Professor Eric Reynolds (University of Melbourne)	Repair of tooth enamel/dentine by biomimetic mineralisation	University of Melbourne	\$1,107,069.00
APP2000095	CIA – Associate Professor Trent Woodruff (The University of Queensland) CIB - Professor Pamela McCombe (The University of Queensland) CIC - Doctor John Lee (The University of Queensland)	Targeting complement C5a receptor 2 as a disease-modifying treatment for motor neuron disease	The University of Queensland	\$636,328.61

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APP2000097	CIA - Doctor Remy Robert (Monash University) CIB - Professor Charles Mackay (Monash University) CIC - Associate Professor Irina Caminschi (Monash University) CID - Professor Michael Cowley (Monash University)	A bispecific antibody to synergise checkpoint blockers in oncology	Monash University	\$636,492.20
APP2000109	CIA - Associate Professor Christiane Theda (Royal Women's Hospital) CIB - Elizabeth Prentice (Royal Children's Hospital) CIC - Associate Professor Andreas Pflaumer (Royal Children's Hospital) CID - Professor David Grayden (University of Melbourne) CIE - Lance Chia (Navi Medical Technologies)	The Neonav ECG Tip Location System: Better & safer care for paediatric intensive care patients	University of Melbourne	\$879,009.83
APP2000120	CIA - Doctor Tuncay Alan (Monash University) CIB - Professor Daniela Traini (University of Sydney) CIC - Doctor Hui Xin Ong (University of Sydney) CID - Professor Daphne Flynn (Monash University) CIE - Professor Bruce Thompson (Swinburne University of Technology)	Next generation hand-held nebulisers for aerosol drug delivery: using microfluidics to tune particle size	Monash University	\$726,160.40

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APP2000135	CIA - Doctor James Wells (The University of Queensland) CIB - Professor Ian Frazer (The University of Queensland) CIC - Associate Professor Scott Campbell (Metro South Hospital and Health Service, Princess Alexandra Hospital) CID - Professor H. Peter Soyer (The University of Queensland)	Preclinical development of Q2361, a transforming new drug for skin cancer prevention in organ transplant recipients	The University of Queensland	\$724,957.00
APP2000142	CIA - Professor David Kaye (Baker Heart and Diabetes Institute) CIB - Associate Professor Bing Wang (Baker Heart and Diabetes Institute) CIC - Doctor Guy Krippner (Baker Heart and Diabetes Institute)	Anti-inflammatory compound development for the treatment of heart failure with preserved ejection fraction	Baker Heart and Diabetes Institute	\$674,659.00
APP2000143	CIA - Doctor Mark Blaskovich (The University of Queensland) CIB - Professor Matthew Cooper (The University of Queensland) CIC - Doctor Alysha Elliott (The University of Queensland) CID - Professor Jason Roberts (The University of Queensland) CIE - Professor David Paterson (The University of Queensland) CIF - Doctor Karl Hansford (The University of Queensland)	OctapeptinX Potentiators to treat XDR Gram-negative infections	The University of Queensland	\$1,377,149.40

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APP2000153	CIA - Professor David Grayden (University of Melbourne) CIB - Doctor Sam John (University of Melbourne) CIC - Associate Professor Nicholas Opie (University of Melbourne) CID - Professor Anthony Burkitt (University of Melbourne) CIE - Professor Mark Cook (University of Melbourne)	Stentrode Neuro-stimulator	University of Melbourne	\$934,902.30
APP2000162	CIA – Associate Professor Jack Richards (Burnet Institute) CIB - Mr William Hopper (Axxin) CIC – Associate Professor David Anderson (Burnet Institute) CID - Professor Benjamin Cowie (University of Melbourne) CIE - Professor Margaret Hellard (Burnet Institute) CIF - Doctor Joseph Doyle (Monash University) CIG - Professor Heidi Drummer (Burnet Institute)	Development of a molecular point-of-care test for hepatitis C to increase uptake of curative antiviral treatment	Burnet Institute	\$781,352.50

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APP2000163	CIA - Professor Daniel Christ (The Garvan Institute of Medical Research) CIB - Professor Herbert Herzog (The Garvan Institute of Medical Research) CIC - Professor Paul Timpson (The Garvan Institute of Medical Research)	Development of a therapeutic monoclonal antibody	University of New South Wales	\$656,985.00
APP2000173	CIA - Professor Stephen O'Leary (University of Melbourne) CIB - Professor James Bailey (University of Melbourne) CIC - Doctor Sudanthi Wijewickrema (University of Melbourne) CID - Doctor Christofer Bester (University of Melbourne) CIE - Doctor Stefan Mauger (Cochlear) CIF - Professor Robert Briggs (The Royal Victorian Eye & Ear Hospital) CIG - Doctor Zachary Smith (Cochlear)	Hear Assure: Saving natural hearing during cochlear implantation	University of Melbourne	\$1,058,536.90

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APP2000178	CIA - Doctor Nathan Palpant (The University of Queensland) CIB - Professor Glenn King (The University of Queensland) CIC - Professor Peter Macdonald (St Vincent's Hospital Sydney) CID - Professor David Kaye (Baker Heart and Diabetes Institute) CIE - Professor John Fraser (The University of Queensland) CIF - Professor Louise Cullen (The University of Queensland)	Development of a first-in-class therapeutic for protecting the ischemic heart	The University of Queensland	\$926,673.00
APP2000202	CIA - Associate Professor Andrew Wise (The Bionics Institute of Australia) CIB - Professor Frank Caruso (University of Melbourne) CIC - Mr Robert Klupacs (The Bionics Institute of Australia) CID - Doctor Erol Harvey (The Bionics Institute of Australia) CIE - Doctor Tim Adams (CSIRO Manufacturing Flagship) CIF - Doctor Niliksha Gunewardene (The Bionics Institute of Australia)	Delivering hearing therapeutics to the clinic	The Bionics Institute of Australia	\$972,243.70

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APP2000211	CIA - Doctor Lindsay Wu (University of New South Wales) CIB - Professor Robert Gilchrist (University of New South Wales) CIC - Professor David Sinclair (University of New South Wales) CID - Doctor Michael Bertoldo (University of New South Wales)	Media formulations to enhance embryo formation in assisted reproduction	University of New South Wales	\$660,132.60
			<b>Total</b>	<b>\$14,978,659.94</b>