



2018 Development Grants for funding commencing in 2019

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 2018 Development Grant funding round seeking applications for funding commencing in 2018 opened on 15 November 2017. Applications closed on 7 February 2018 with 111 applications received. The Not for Further Consideration (NFFC) process reduced the number of applications reviewed at the Grant Review Panel meetings by 32.4%.

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 (\$)
APP1153614	CIA - Professor Angela Morgan CIB - Professor Barbara Dodd CIC - Associate Professor Adam Vogel CID - Professor Ingrid Scheffer	Building and commercialising a digital speech tool (ADAAPT)	Murdoch Childrens Research Institute	932,698.80
APP1153663	CIA - Professor Peter-John Wormald CIB - Associate Professor Sarah Vreugde	A novel medicated surgical hydrogel to prevent epidural adhesions post-laminectomy	University of Adelaide	522,606.70
APP1153716	CIA - Doctor Warwick Nesbitt CIB - Professor Arnan Mitchell CIC - Associate Professor Justin Hamilton CID - Professor Harshal Nandurkar CIE - Professor Philip Thompson	Development of a microfluidic blood platelet analyser	RMIT University	657,521.00

	CIF - Associate Professor Huyen Tran CIG - Mr Stuart Elliott CIH - Doctor Ian Macfarlane			
APP1153718	CIA - Professor Mark Walker CIB - Professor Guido Silvestri CIC - Doctor Nicole Moreland CID - Professor Victor Nizet	Deploying next-generation adjuvants to enhance protection of a group A streptococcal vaccine candidate	University of Queensland	1,052,324.00
APP1153961	CIA - Associate Professor Lenka Munoz CIB - Professor Michael Kassiou CIC - Professor Terrance Johns	Development of a brain permeable microtubule-targeting agent to treat glioblastoma	University of Sydney	555,753.60
APP1154233	CIA - Professor Colette McKay CIB - Professor Hugh McDermott CIC - Professor Peter Seligman CID - Doctor Hamish Innes-Brown	EarGenie: innovative system for personalised management of hearing impairment for life-long benefits	The Bionics Institute of Australia	1,041,860.50
APP1154749	CIA - Associate Professor Bernard Flynn CIB - Professor Darren Kelly CIC - Associate Professor Bing Wang CID - Professor Christopher Reid CIE - Professor Stuart Pitson	Dihydroceramide desaturase-1 (Des1) inhibitors for the treatment of fibrotic disease	Monash University	680,824.60
APP1154969	CIA - Professor Kourosh Kalantar-zadeh CIB - Professor Peter Gibson CIC - Associate Professor Jane Muir CID - Doctor Chris McSweeney CIE - Doctor Kyle Berean	Ingestible capsules for sensing gut metabolites	RMIT University	615,939.40
APP1155161	CIA - Doctor Michelle Wykes CIB - Professor Arlene Sharpe CIC - Associate Professor Victoria Atkinson	Development of a novel PDL2-based immune therapy for cancer	The Council of the Queensland Institute of Medical Research	583,765.10
APP1155527	CIA - Professor Jonathan Baell CIB - Professor Rebecca Ritchie CIC - Professor Carl Kirkpatrick CID - Professor Gemma Figtree	Prodrug development of biased N-alkylpyridazinones for the acute intravenous treatment of myocardial ischaemia-reperfusion injury	Monash University	677,127.00

	CIE - Doctor Girdhar Deora CIF - Doctor Chengxue Qin			
APP1155767	CIA - Professor Hala Zreiqat CIB - Associate Professor Colin Dunstan CIC - Professor Qing Li	Novel 3D printed scaffolds for intervertebral fusion	University of Sydney	981,418.00
APP1155938	CIA - Doctor Barbara Rolfe CIB - Associate Professor Trent Woodruff CIC - Doctor Helga Manthey CID - Professor Andrew Barbour CIE - Professor Ruben Pio CIF - Doctor Lavinia Proctor	Harnessing the innate immune system to target cancer: a novel immunotherapeutic strategy for solid tumours	University of Queensland	651,315.40
APP1156063	CIA - Professor Paul Young CIB - Professor Patrick Reading CIC - Doctor Keith Chappell CID - Doctor Daniel Watterson	Clamp stabilized vaccines to provide broad spectrum protection against influenza	University of Queensland	949,516.00
APP1157528	CIA - Professor Andrew Scott CIB - Associate Professor Hui Gan CIC - Professor Pramod Srivastava CID - Professor Robin Anderson CIE - Professor John Mariadason	Novel antibody for cancer therapy	La Trobe University	985,528.34
APP1157784	CIA - Associate Professor David Anderson CIB - Ms Mary Garcia CIC - Mr William Hopper CID - Associate Professor Rosemary Ffrench	Development of a rapid, point of care test with high sensitivity for the diagnosis of sepsis based on detection of CD64	Burnet Institute	737,221.40
APP1158281	CIA - Doctor Glen Boyle CIB - Professor Peter Parsons CIC - Doctor Jason Cullen CID - Doctor Paul Reddell	The development of Tigilanol Tiglate as a neo-adjuvant in immuno-oncology	The Council of the Queensland Institute of Medical Research	657,521.00

APP1158521	CIA - Professor Glenn King CIB - Professor Robert Widdop CIC - Doctor Brad Broughton CID - Doctor Lachlan Rash CIE - Emeritus Professor Maree Smith	Development of a first-in-class neuroprotective drug for protecting the brain after stroke	University of Queensland	762,684.60
APP1158755	CIA - Professor Benjamin Thierry CIB - Professor Richard Tilley CIC - Doctor Andrew Foreman CID - Doctor Ruirui Qiao	Development of superior sentinel lymph node mapping procedures using magnetic tracers	University of South Australia	609,542.40
APP1159349	CIA - Associate Professor Martin Ng CIB - Doctor Steven Wise CIC - Doctor Raj Makkar CID - Mr Ashish Mitra CIE - Mr Donal O'Dwyer	Effectively sealing transcatheter heart valves	University of Sydney	488,596.00
APP1159714	CIA - Doctor Tracey Edgell CIB - Professor Lois Salamonsen CIC - Professor Luk Rombauts CID - Professor Beverley Vollenhoven	Validation of a prognostic assay for embryo transfer outcome	Monash University	347,035.40
			Total	14,490,799