



2017 Development Grants for funding commencing in 2018

The Development Grants 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 Development Grants 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 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
APP1135421	CIA - Doctor Brad Sleebs CIB - Professor Alan Cowman CIC - Doctor Paul Gilson CID - Doctor Justin Boddey CIE - Professor Vicky Avery	Optimisation of a potent and fast acting antimalarial class that is orally efficacious in vivo	The Walter and Eliza Hall Institute of Medical Research	\$683,916.40
APP1135682	CIA - Professor Shudong Wang CIB - Associate Professor Robert Milne CIC - Professor Wayne Tilley CID - Associate Professor Elgene Lim	Development of a novel and highly selective CDK4/6 inhibitor for treating cancer	University of South Australia	\$1,171,199.00
APP1135686	CIA - Professor Kim Cornish CIB - Professor Vicki Anderson CIC - Mr Jefferson Harcourt CID - Associate Professor Cathy Catroppa CIE - Doctor Hannah Kirk CIF - Mr Bill McIntosh CIG - Associate Professor John Reynolds	Interactive attention training technology to enhance cognitive skills in early life	Monash University	\$759,680.00

APP1136027	CIA - Doctor Jack Richards CIB - Associate Professor David Anderson CIC - Professor James McCarthy CID - Mr William Hopper	Development of a glucose-6-phosphate dehydrogenase/ haemoglobin point-of-care test for malaria elimination	Burnet Institute	\$560,608.00
APP1136065	CIA - Professor Justin St. John CIB - Doctor Matthew McKenzie CIC - Doctor Patrick Western CID - Professor Luk Rombauts	Improving oocyte mitochondrial DNA copy number to enhance female reproductive capacity	Monash University	\$670,867.20
APP1136067	CIA - Associate Professor Timothy Mercer CIB - Associate Professor Marcel Dinger CIC - Professor David Thomas	Synthetic DNA standards for clinical genome sequencing	The Garvan Institute of Medical Research	\$870,005.00
APP1136278	CIA - Professor Michelle Haber CIB - Professor Murray Norris CIC - Associate Professor Ian Street CID - Doctor Paul Stuppel CIE - Doctor Jamie Fletcher CIF - Associate Professor Benjamin Solomon	Multidrug Resistance Protein 1 inhibitors to sensitise cancers to chemotherapy	University of New South Wales	\$840,166.00
APP1136351	CIA - Associate Professor Charani Ranasinghe CIB - Professor Stephen Kent CIC - Professor Anthony Kelleher CID - Professor Damian Purcell CIE - Doctor Ronald Jackson	Mucosal human immunodeficiency virus vaccine late pre-clinical evaluation	Australian National University	\$575,315.10
APP1136365	CIA - Professor Eric Reynolds CIB - Professor Stuart Dashper	Enamel remineralisation and prebiosis by a novel biomimetic system	University of Melbourne	\$800,585.00
APP1136903	CIA - Professor James Paton CIB - Doctor Mohammed Alsharifi CIC - Professor Timothy Hirst	A serotype-independent, broad spectrum pneumococcal vaccine	University of Adelaide	\$955,585.00
APP1137011	CIA - Doctor Irina Vetter CIB - Professor Richard Lewis CIC - Professor Maree Smith	Novel non-opioid analgesics	University of Queensland	\$547,214.00
APP1137171	CIA - Professor Alastair Stewart CIB - Professor Spencer Williams CIC - Doctor Colin Barrett	Steroid-enhancing selective casein kinase inhibitors: first in class novel inhaled anti-asthma agents	University of Melbourne	\$538,064.00

APP1137508	CIA - Doctor Justin Hamilton CIB - Professor Mark Sleeman CIC - Professor Harshal Nandurkar	Proof-of-concept studies for a novel anti-thrombotic agent	Monash University	\$632,352.40
APP1138110	CIA - Doctor Thomas Oxley CIB - Doctor Nicholas Opie	Preclinical validation of first in man endovascular brain machine interface device	University of Melbourne	\$870,000.00
APP1139340	CIA - Doctor Anushi Rajapaksa CIB - Associate Professor David Tingay CIC - Associate Professor Vera Ignjatovic CID - Doctor Ronda Greaves	Development of a rapid, non-invasive and biocompatible bedside sensing method for jaundice embedded in a newborn nappy	Murdoch Childrens Research Institute	\$541,744.10
APP1139609	CIA - Doctor Mark Blaskovich CIB - Professor Matthew Cooper CIC - Doctor Karl Hansford CID - Professor Jason Roberts CIE - Professor David Paterson	Lipopeptide antibiotics for XDR gram-negative infections	University of Queensland	\$994,897.15
APP1139754	CIA - Professor Paul Young CIB - Doctor David Muller CIC - Doctor Germain Fernando	Needle free delivery of dengue and Zika vaccines to the skin	University of Queensland	\$642,792.40
APP1139844	CIA - Professor Philip Andrews CIB - Professor Ross Coppel CIC - Professor Anton Peleg CID - Doctor Warren Batchelor CIE - Doctor Melissa Werrett	Bismuth compounds and materials as antibacterial agents	Monash University	\$476,535.20
APP1139868	CIA - Professor Stuart Crozier CIB - Doctor Jurgen Fripp CIC - Doctor Craig Engstrom CID - Doctor Benjamin Schmitt CIE - Doctor Shekhar Chandra	MR hip intervention and planning system to enhance clinical and surgical outcomes	University of Queensland	\$668,068.80
			Total	\$13,799,594.75