



Australian Government

National Health and Medical Research Council

2019 Development Grants for funding commencing in 2020

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 2019 Development Grant funding round seeking applications for funding commencing in 2020 opened on 14 November 2018. Applications closed on 6 February 2019 with 95 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 (\$)
APP1171598	CIA - Professor Fabienne Mackay	Preclinical development of lupidumab, a transforming new therapy for Chronic Lymphocytic Leukaemia	University of Melbourne	729,770.00
APP1171756	CIA - Professor Peter-John Wormald CIB - Associate Professor Sarah Vreugde CIC - Professor Guy Maddern	A novel medicated resorbable adhesion barrier device for use in abdominal surgery	The University of Adelaide	953,880.00
APP1171794	CIA - Professor Leann Tilley	Development of a novel drug class for the treatment of <i>Plasmodium falciparum</i> malaria	University of Melbourne	445,920.00

App ID	Chief Investigators Names	Application Title	Administering Institution	Budget (\$)
APP1171795	CIA - Professor Ivo Mueller CIB - Associate Professor Jack Richards CIC - Mr William Hopper CID - Doctor Michael White CIE - Associate Professor Leanne Robinson CIF - Doctor Rhea Longley CIG - Professor Christopher Drakeley CIH - Professor Takafumi Tsuboi	Development of a novel point-of-care <i>Plasmodium vivax</i> dot-matrix antibody test to accelerate malaria elimination	The Walter and Eliza Hall Institute of Medical Research	978,263.36
APP1171821	CIA - Professor Benjamin Thierry CIB - Associate Professor Majid Ebrahimi Warkiani CIC - Doctor Deirdre Zander-Fox CID - Doctor Clare Whitehead	Genome-Wide Non-Invasive Prenatal Testing based on Circulating Fetal Trophoblastic Cells	University of South Australia	780,215.00
APP1172086	CIA - Associate Professor Ricky O'Brien CIB - Professor Paul Keall CIC - Doctor Chun-Chien Shieh CID - Professor Shalini Vinod	A New Medical Device for Fast, Low Dose Cancer Patient Imaging in Radiotherapy	University of Sydney	727,419.00
APP1172192	CIA - Doctor Laura Downie CIB - Professor Leslie Yeo CIC - Professor Darren Kelly CID - Doctor Heather St John	ADMiER: A novel, point-of-care device to diagnose and subtype dry eye disease	University of Melbourne	758,289.50
APP1175142	CIA - Professor Claudine Bonder CIB - Professor Hans Griesser CIC - Associate Professor Peter Psaltis CID - Doctor Eli Moore	Bioinvisible stents - a new device coating to repair cardiovascular disease	University of South Australia	671,960.00

App ID	Chief Investigators Names	Application Title	Administering Institution	Budget (\$)
APP1176180	CIA - Professor Mark Walker CIB - Professor Mark von Itzstein CIC - Doctor Mark Blaskovich CID - Professor Mark Schembri	Breaking antibiotic resistance in high priority Gram-negative sepsis pathogens	The University of Queensland	1,067,778.00
APP1176216	CIA - Professor Glenn King CIB - Professor Ben Hankamer CIC - Doctor Melanie Oey	A novel platform for large-scale production of a first-in-class biologic drug for stroke	The University of Queensland	658,135.00
APP1177815	CIA - Professor Hugh McDermott CIB - Doctor Wesley Thevathasan CIC - Doctor Kristian Bulluss CID - Doctor San San Xu CIE - Mr Robert Klupacs	Enabling clinicians to optimise outcomes with Deep Brain Stimulation for Parkinson's disease	The Bionics Institute of Australia	767,997.50
APP1178207	CIA - Professor Suresh Mahalingam CIB - Doctor Adam Taylor CIC - Professor Andreas Suhrbier CID - Doctor Pierre Roques CIE - Associate Professor Gregor Devine	A new vaccine to protect against Chikungunya virus (and similar other viruses) causing chronic musculoskeletal diseases	Griffith University	1,068,696.00
APP1178896	CIA - Professor Roy Hall CIB - Doctor Jody Hobson-Peters CIC - Doctor David Muller CID - Professor Andreas Suhrbier CIE - Associate Professor Alexander Khromykh CIF - Professor Paul Young	Chimeric insect-specific viruses as novel vaccines for mosquito-borne diseases	The University of Queensland	1,017,285.00
APP1178912	CIA - Professor Robert McLaughlin CIB - Doctor Adam Wells	Development of a smart needle for safer, faster brain biopsies	The University of Adelaide	753,010.00

App ID	Chief Investigators Names	Application Title	Administering Institution	Budget (\$)
APP1178968	CIA - Professor Alexander Loukas CIB - Professor Norelle Daly CIC - Doctor Paul Giacomini CID - Associate Professor John Miles CIE - Doctor Roland Ruscher CIF - Doctor Keith Dredge CIG - Professor Istvan Toth CIH - Doctor Mariusz Skwarczynski CII - Doctor Matthew Moyle	Hookworm peptide therapeutic for oral treatment of IBD	James Cook University	732,700.00
APP1179001	CIA - Professor Kirill Alexandrov CIB - Professor Jacobus Ungerer	Point-of-Care test for acute pancreatitis	Queensland University of Technology	635,060.00
APP1179049	CIA - Professor Barry Marshall	The Noisy Guts Project: the development of an acoustic belt that non-invasively diagnoses and monitors common gut disorders and diseases	University of Western Australia	276,863.00
APP1179074	CIA - Associate Professor Mark Smythe CIB - Associate Professor Peter Noakes	Towards the treatment of Duchenne Muscular Dystrophy	The University of Queensland	541,955.00
APP1179092	CIA - Professor Philip Hansbro CIB - Associate Professor Jay Horvat CIC - Professor Peter Wark CID - Professor Jan Wehkamp CIE - Doctor Peter Nordkild	Development of a novel effective therapy for asthma and COPD	University of Technology Sydney	1,083,698.90
			Total	14,648,895.26