



Australian Government

National Health and Medical Research Council

2016 Development Grants for funding commencing 2017

The Development Grants scheme supports the commercial development, within a five-year timeframe, 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 have experimental data that supports a demonstrated proof of principle or pre-seed concept and have a detailed feasible commercialisation strategy that takes into account the regulatory pathway, protectable IP, commercial barriers and potential routes to market.

The applications listed below were approved for funding by the Minister for Health and Aged Care, the Hon. Sussan Ley MP.

Application ID	Application Team	Application Title	Administering Institution	Budget
1116454	CIA - Professor Dao-Yi Yu CIB - Professor Stephen Cringle CIC - Professor William Morgan	Developing a novel glaucoma surgery for clinical use and commercialisation	University of Western Australia	\$565,893.20
1117470	CIA - Professor David Jans CIB - Doctor Geoffrey Dow CIC - Professor Subhash Vasudevan CID - Professor Susan Charman CIE - Doctor Kylie Wagstaff CIF - Professor Christopher Porter CIG - Doctor Jenny Low	A Safe, Orally Administered Agent for Dengue	Monash University	\$857,659.20

1117541	CIA - Professor Nick Hoogenraad CIB - Professor Andrew Scott CIC - Associate Professor Hamsa Puthalakath CID - Doctor Amelia Johnston CIE - Professor John Silke CIF - Doctor Megan Maher	Cancer cachexia therapeutics	La Trobe University	\$626,680.00
1117911	CIA - Professor Mel Ziman CIB - Professor Michael Millward CIC - Professor Nicholas Hayward CID - Professor Helen Rizos CIE - Associate Professor Benhur Amanuel CIF - Doctor Elin Gray CIG - Doctor Muhammad Khattak CIH - Doctor Johnny Lo CII - Doctor Anthony Beckhouse	Liquid Biopsy for Personalised Monitoring of Melanoma Patients	Edith Cowan University	\$820,887.80
1118168	CIA - Professor Jennifer Gamble CIB - Professor Mathew Vadas	Sensitizing tumours to immunotherapy: Development of an RNA-based therapeutic for pancreatic adenocarcinoma that targets the immunosuppressive tumour microenvironment.	University of Sydney	\$189,692.00
1118223	CIA - Doctor David Garrett CIB - Professor Michael Ibbotson CIC - Doctor Hamish Meffin CID - Professor Steven Prawer	Development of a high acuity, diamond retinal prosthesis	University of Melbourne	\$1,010,214.00
1118450	CIA - Professor Paul Keall CIB - Doctor Ilana Feain CIC - Professor Thomas Mackie CID - Mr Phillip Prather CIE - Mr Ben Wright CIF - Doctor Ricky O'Brien CIG - Associate Professor Michael Jackson CIH - Professor Michael Barton CII - Doctor Peter Bennett	Nano-X: A new class of cancer radiotherapy system	University of Sydney	\$824,478.00

1118550	CIA - Professor Anthony Kelleher CIB - Doctor John Zaunders CIC - Mr Jorge Bensadon Belicha CID - Professor Guy Marks CIE - Mr Jose Mario Tenera Morgado	Development and validation of a latent tuberculosis diagnostic	University of New South Wales	\$534,865.00
1118667	CIA - Professor Mark Willcox CIB - Professor William Walsh CIC - Professor Naresh Kumar	Innovative antimicrobial treatments for successful bone allografts	University of New South Wales	\$473,706.40
1118881	CIA - Associate Professor Trent Woodruff CIB - Doctor Richard Clark	Preclinical Development of Complement C5aR Antagonists for the Treatment of Motor Neuron Disease	The University of Queensland	\$593,326.35
1118973	CIA - Professor Matthew Cooper CIB - Professor Philip Hansbro CIC - Doctor Avril Robertson	Novel NLRP3 Inhibitors for Steroid Resistant Asthma	The University of Queensland	\$927,116.82
1119636	CIA - Professor Melissa Knothe Tate CIB - Doctor Ulf Knothe	Manufacture and Testing of Next Generation Orthopaedic Implants Harnessing Periosteum's Regenerative Power	University of New South Wales	\$508,313.90
1120664	CIA - Associate Professor Chris Williams CIB - Doctor Penelope Allen CIC - Associate Professor Chi Luu CID - Doctor David Nayagam CIE - Professor Peter Seligman CIF - Professor Darren Kelly	Fighting blindness with a minimally invasive retinal stimulator	The Bionics Institute of Australia	\$998,193.80
1121277	CIA - Professor John Arkwright CIB - Associate Professor Taher Omari CIC - Associate Professor Peter Catcheside CID - Professor Peter Eastwood CIE - Professor Andrew Carney CIF - Professor Karen Reynolds CIG - Professor R. Douglas McEvoy	In search of airways collapse - A multimodal device for the diagnosis of obstructive sleep apnoea	The Flinders University of South Australia	\$479,786.00
1121339	CIA - Professor David Watkins CIB - Associate Professor Vinod Ganju CIC - Professor David de Kretser	Development of Follistatin as Novel Cancer Therapeutic	The Garvan Institute of Medical Research	\$494,323.60

1121694	CIA - Professor Paul Young CIB - Professor Daniela Traini CIC - Professor Scott Bell	Targeting Cystic Fibrosis Using a Novel Inhalation Therapy	University of Sydney	\$421,545.20
1121702	CIA - Professor Markus Kuster CIB - Professor Garry Allison CIC - Professor Allen Goodship CID - Professor Gordon Blunn CIE - Mr Matthew Oldakowski CIF - Professor Thomas Kirk CIG - Associate Professor Timothy Sercombe CIH - Professor Gabriel Lee CII - Mr Robert Day CIJ - Doctor Nikolajs Zeps	Superior surgical fixation using a novel orthopaedic expandable fastener	Curtin University of Technology	\$414,076.00
1122132	CIA - Professor Jennifer Wilkinson-Berka CIB - Professor Gary Anderson CIC - Associate Professor Lyndell Lim	Harnessing anticalin technology as a multi-targeted treatment approach for vision loss	Monash University	\$627,273.00
1122484	CIA - Professor Hayden Homer CIB - Professor David Sinclair CIC - Doctor Lindsay Wu	Nicotinamide adenine dinucleotide (NAD ⁺)-raising agents for improving oocyte quality	The University of Queensland	\$445,827.00
1122668	CIA - Associate Professor Mark Smythe CIB - Associate Professor Simon Phipps	Evaluation of the Safety of Lead Compounds for Allergic Asthma	The University of Queensland	\$310,568.00