

Development Grants for funding commencing in 2016

The Development Grants scheme provides funding support to individual researchers, research teams, or a Health and Medical Research company in partnership with a researcher/s to undertake research at the early proof-of-principle or pre-seed stage.

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.

The 2015 Development Grants funding round seeking applications for funding commencing in 2015 opened on 18 March 2015. Applications closed on 20 May 2015 with 96 applications received.

NHMRC convened one Grant Review Panel (GRP), to assess applications and review proposed budgets. The Not for Further Consideration (NFFC) process reduced the number of applications reviewed at the face-to-face GRP meeting by 46.3%.

The applications listed below were approved for funding by the Minister for Health, the Hon. Sussan Ley MP and announced by the Prime Minister of Australia, the Hon. Malcolm Turnbull MP on 9 November 2015.

In total, 24 Development Grants totalling \$14,142,312 are funded. These grants are listed below in application ID order.

APP ID	CI Team	Application Title	Administering Institution	Recommended Budget
APP1113262	CIA - Professor Kirill Alexandrov	Point-of-Care test for immunosuppressant drugs	The University of Queensland	\$587,360
APP1112970	CIA - Professor Paul Monagle CIB - Associate Professor Vera Ignjatovic CIC - Doctor Michael Jorgensen CID - Doctor Peter Newman	A novel Point of Care (PoC) device for predicting and monitoring bleeding and clotting (haemostasis)	University of Melbourne	\$608,979
APP1113681	CIA - Doctor Anthony Dear CIB - Professor David Kaye CIC - Doctor Melissa Byrne CID - Professor Patrick Perlmutter	Development of a Novel Endovascular Therapy for Occlusive Peripheral Vascular Disease	Monash University	\$624,197
APP1112870	CIA - Professor Leslie Yeo CIB - Associate Professor Aeron Hurt CIC - Associate Professor David Piedrafita CID - Associate Professor David Morton	Low-Cost Portable Inhalation Therapy Platform for Needle-Free DNA-Based Influenza Vaccination	RMIT University	\$524,644
APP1114016	CIA - Doctor Timothy Mercer CIB - Professor David Thomas	Diagnosing Chromosomal Translocations in Solid Tumours	The Garvan Institute of Medical Research	\$410,997
APP1113719	CIA - Professor Matthew Cooper CIB - Doctor Mark Blaskovich CIC - Professor David Paterson CID - Professor Jason Roberts CIE - Doctor Karl Hansford	Novel membrane-targeted antibiotics against drug-resistant Gram-positive bacterial infections	The University of Queensland	\$1,351,496
APP1113593	CIA - Professor Ashley Bush	Development of therapeutic copper delivery agents for Menkes disease	University of Melbourne	\$651,467

APP ID	CI Team	Application Title	Administering Institution	Recommended Budget
APP1114013	CIA - Professor Greg Rice CIB - Doctor Carlos Salomon CIC - Professor Sebastian Illanes	In vitro diagnostic for first trimester risk assignment of gestational diabetes	The University of Queensland	\$580,983
APP1113686	CIA - Professor Ashley Bush CIB - Associate Professor Kevin Barnham CIC - Doctor Scott Aytton	ZnDTSM for Huntington's disease	University of Melbourne	\$213,978
APP1113712	CIA - Professor Damian Purcell CIB - Doctor Brad Sleebs CIC - Professor Sharon Lewin	Novel drugs to drive HIV into remission	University of Melbourne	\$1,001,192
APP1113786	CIA - Professor Henry Krum CIB - Associate Professor Bing Wang CIC - Mr Jefferson Harcourt CID - Professor Zhongze Gu	A non-invasive fluid status monitoring device for heart failure	Monash University	\$360,715
APP1113654	CIA - Professor Erica Fletcher CIB - Doctor Bang Bui CIC - Associate Professor Michael Foley CID - Professor Robyn Guymer CIE - Professor Jennifer Wilkinson-Berka	Novel ways of treating angiogenesis in the eye	University of Melbourne	\$366,300
APP1113563	CIA - Professor Derek Hart CIB - Associate Professor Georgina Clark CIC - Professor Barbara Fazekas de St Groth CID - Professor Mark Hogarth CIE - Professor Peter Gray CIF - Professor Annemarie Hennessy CIG - Associate Professor Stephen Larsen CIH - Professor David Gottlieb CII - Professor Stephen Alexander CIJ - Doctor Con Tsonis (ANZAC Research Institute)	Development of a New Specific Immunosuppressive Monoclonal Antibody to Advance Transplantation	University of Sydney	\$736,300
APP1113842	CIA - Associate Professor Mark Gorrell CIB - Professor Geoffrey McCaughan	A novel liver cancer therapy targeting tumour stroma	University of Sydney	\$387,902
APP1113790	CIA - Associate Professor Daniel Christ	Development of stable human antibody phage display libraries	The Garvan Institute of Medical Research	\$539,644
APP1113847	CIA - Professor Roger Smith CIB - Doctor Susan Hua CIC - Professor Sarah Robertson CID - Professor Rodney Ho CIE - Associate Professor Kristina Adams Waldorf	Achieving Targeted Delivery of Drugs to Uterine Muscle in Women for the Prevention of Preterm Labour	The University of Newcastle	\$469,008

APP ID	CI Team	Application Title	Administering Institution	Recommended Budget
APP1113888	CIA - Doctor Michelle Wykes CIB - Professor Arlene Sharpe	Cancer Immunotherapy utilizing a novel receptor for Programmed cell death-1 ligand 2	The Council of the Queensland Institute of Medical Research	\$566,300
APP1113919	CIA - Professor Peter Leedman CIB - Doctor Christopher Wraight	Development of a novel microRNA mimic for cancer treatment	University of Western Australia	\$534,179
APP1113736	CIA - Professor Fiona Wood CIB - Doctor Wolfgang Jarolimek CIC - Associate Professor Mark Fear CID - Professor Killugudi Swaminatha-Iyer	Targeting collagen cross-linking to improve scar appearance	University of Western Australia	\$873,305
APP1113680	CIA - Professor Robert Shepherd CIB - Professor Hugh McDermott CIC - Doctor James Fallon CID - Doctor Arthur Thevathasan CIE - Doctor Kristian Bulluss CIF - Doctor Sam Long	Enhanced deep brain stimulation electrodes for improved efficacy in Parkinson's disease therapy	University of Melbourne	\$809,940
APP1113659	CIA - Professor Fabienne Mackay	Development of a safer new treatment for Systemic Lupus Erythematosus that preserves B cell immunity	Monash University	\$672,008
APP1113905	CIA - Professor Michael McGuckin CIB - Professor Ross Barnard CIC - Doctor Sumaira Hasnain CID - Professor Johannes Prins	Pancreatic targeting of IL-22 therapy for diabetes	The University of Queensland	\$484,644
APP1113631	CIA - Doctor Marco Petasecca CIB - Professor Anatoly Rozenfeld CIC - Associate Professor Michael Lerch CID - Doctor Joseph Bucci CIE - Mr Marco Favoino CIF - Mr Francesco Carriero	3D-BrachyView: a 3D real-time virtual reality intra-operative Quality Assurance system for brachytherapy	The University of Wollongong	\$359,105
APP1113743	CIA - Professor Terrance Johns CIB - Professor Christoph Hagemeyer	Preclinical development of a therapeutic anticancer antibody to c-Met	Monash University	\$427,669
			Total	\$14,142,312