



## 2021 Development Grants for funding commencing in 2022

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 2021 Development Grant funding round seeking applications for funding commencing in 2022 opened on 21 April 2021. Applications closed on 16 June 2021 with 140 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 (\$)
APP2013881	CIA - Assoc Prof Thomas Cox CIB - Prof Paul Timpson CIC - Assoc Prof Marina Pajic CID - Assoc Prof Adnan Nagrial CIE - Prof Anthony Gill	A First-In-Class Tumour Matrix Targeting Approach to Enhance Chemotherapy in Pancreatic Cancer	University of New South Wales	\$827,500.00
APP2013899	CIA - Assoc Prof Anthony Dear CIB - Prof David Kaye CIC - Dr Melissa Byrne CID - Prof Philip Thompson	Development of a Novel Photo-Angioplasty Device for the Treatment of Occlusive Peripheral Vascular Disease	Monash University	\$808,505.00

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APP2013973	CIA - Prof Jonathan Baell CIB - Prof Alan Nimmo CIC - Prof Susan Charman CID - Assoc Prof Connie Wong CIE - Dr Nicholas Veldhuis	Preventing reperfusion injury in stroke with an acutely dosed NK1R antagonist prodrug	Monash University	\$653,527.20
APP2014002	CIA - Assoc Prof Timothy Mercer CIB - Dr Ira Deveson CIC - Dr David Barda	Building Synthetic DNA Controls for Oxford Nanopore Sequencing.	The University of Queensland	\$786,252.00
APP2014063	CIA - Prof Matthias Ernst CIB - Prof Andrew Scott CIC - Assoc Prof Paul Stupple CID - Prof Andrew Wilks CIE - Dr Gangadhara Gangadhara CIF - Dr Julian Clark	Developing HCK inhibitor drugs to improve immunotherapy	La Trobe University	\$992,328.00
APP2014079	CIA - Assoc Prof Kyle Hoehn CIB - Dr Lindsay Wu CIC - Dr Jennifer Cermak CID - Prof Nicholas Shackel	Targeting metabolism to correct fatty liver disease	University of New South Wales	\$621,083.00

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APP2014095	CIA - Prof Ricky O'Brien CIB - Prof Andreas Fouras CIC - Prof Paul Keall CID - Dr Dasantha Jayamanne CIE - Dr Benjamin Harris CIF - Prof Dale Bailey CIG - Dr Hilary Byrne CIH - Dr Tess Reynolds CII - Dr Nina Eikelis CIJ - Dr Robert Jamison	Lung Ventilation Imaging: A new device to protect the lungs for cancer treatment	University of Sydney	\$1,075,714.00
APP2014168	CIA - Dr Valerie Wasinger CIB - Prof Rupert Leong CIC - Dr Yunki Yau CID - Prof Georgina Hold CIE - Dr Chris Wahl CIF - Dr Sharat Singh	Development of a non-invasive mucosal integrity diagnostic and ingestible capsule sampling tool targeting IBD gut health.	University of New South Wales	\$345,635.20
APP2014250	CIA - Prof Stuart Brierley CIB - Prof Glenn King	Developing a first-in-class therapeutic for chronic visceral pain using venom derived peptides	Flinders University	\$998,858.88

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APP2014380	CIA - Assoc Prof Hamish Meffin CIB - Prof Anthony Burkitt CIC - Mr Brian Gordon CID - Prof Michael Ibbotson CIE - Assoc Prof James Fallon CIF - Prof David Grayden CIG - Dr Mohit Shivdasani CIH - Dr Tatiana Kameneva CII - Dr Wei Tong CIJ - Dr Martin Spencer	Retinal Implant with Closed-loop, Multichannel Stimulation to Improve Visual Acuity	University of Melbourne	\$1,141,581.50
APP2014388	CIA - Prof Mark von Itzstein CIB - Prof Michael Jennings	Targeting the Achilles' heel of multi-drug resistant Neisseria gonorrhoea with drugs that disrupt metal homeostasis	Griffith University	\$1,116,524.60
APP2014395	CIA - Prof Peter Leedman CIB - Dr Andreas Bader CIC - Prof Geoffrey McCaughan	A novel RNA-based therapeutic for liver cancer	University of Western Australia	\$482,632.00
APP2014398	CIA - Prof Robert Casson CIB - Dr Glyn Chidlow CIC - Dr John Wood CID - Mr David Haarhoff	Rescuing cone photoreceptors in retinitis pigmentosa with laser-delivered photobiomodulation	The University of Adelaide	\$525,106.00
APP2014416	CIA - Assoc Prof Mark Fear CIB - Prof Fiona Wood CIC - Dr Wolfgang Jarolimek CID - Dr Dieter Hamprecht CIE - Dr Mehra Haghi	Development of a novel topical serine protease inhibitor for tissue repair and inflammatory skin disease	University of Western Australia	\$590,264.40

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APP2014427	CIA - Dr Brad Sleebs CIB - Prof Alan Cowman CIC - Prof James McCarthy	Development of a potent and fast acting antimalarial that is orally efficacious in vivo	The Walter and Eliza Hall Institute	\$1,002,769.20
APP2014512	CIA - Prof David Craik CIB - Prof Trent Woodruff CIC - Prof John Fraser CID - Dr Simon de Veer	Developing FXIIa inhibitors as next-generation anticoagulants	The University of Queensland	\$698,512.40
APP2014538	CIA - Prof Barbara Fazekas de St Groth CIB - Prof Georgina Clark CIC - Dr Con Tsonis CID - Dr Helen McGuire CIE - Dr Fatemeh Vafae CIF - Prof Michael Boyer CIG - Dr Steven Kao CIH - Dr Jenny Lee CII - Dr Nicole Rankin	Development of a novel blood test that accurately predicts response to checkpoint therapy in cancer patients	University of Sydney	\$571,216.00
APP2014544	CIA - Dr Richard Clark CIB - Prof David Adams CIC - Emer Prof Maree Smith	Novel long-acting and orally delivered conotoxin-based peptides with both analgesic efficacy and disease modifying potential.	The University of Queensland	\$948,644.00

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APP2014584	CIA - Prof Marc Pellegrini CIB - Prof Karin Thursky CIC - Assoc Prof Marco Herold CID - Prof Deborah Williamson CIE - Mr William Hopper CIF - Dr Gabrielle Haeusler CIG - Prof Monica Slavin CIH - Dr Abby Douglas	c-FIND: Diagnosis of infections in minutes	The Walter and Eliza Hall Institute	\$868,752.00
			<b>Total</b>	<b>\$15,055,405.38</b>