



Australian Government  
National Health and Medical Research Council



## Clinical Trials and Cohort Studies Grant Applications Recommended for Funding Commencing in 2021

### About the Scheme

The objective of the CTCS Grant scheme is to support high-quality clinical trials and cohort studies that address important gaps in knowledge, leading to relevant and implementable findings for the benefit of human health.

The expected outcomes of the CTCS Grant scheme are improvements in health and well-being, health care practice or policy, as a result of:

- high-quality clinical trials that provide reliable evidence of the effects of health-related interventions on health outcomes (or appropriate surrogates),
- high-quality cohort studies that provide reliable evidence on the relation of important risk factors and other exposures to health-related outcomes, and/or
- high-quality retrospective cohort studies that provide reliable evidence on the relation of important risk factors and other exposures to health-related outcomes.

The 2020 Clinical Trials and Cohort Studies round for funding commencing in 2021 opened on 4 March 2020. The closing date was delayed to 25 November 2020 due to the COVID-19 pandemic. A total of 436 applications were submitted to NHMRC.

The applications listed in the following table was approved for funding by the Minister for Health, the Hon.Greg Hunt MP. They are listed in application identification number (App ID) order:

App ID	Chief Investigator Name	Application Title	Administering Institution	Budget \$
APP2000344	CIA - Associate Professor Simon Rice CIB - Professor Mario Alvarez-Jimenez CIC - Associate Professor Jo Robinson CID - Professor John Gleeson CIE - Professor Jane Pirkis CIF - Professor Susan Cotton CIG - Professor Christopher Davey CIH - Associate Professor Lianne Schmaal CII - Professor Cathrine Mihalopoulos CIJ - Ms Eleanor Bailey	Pragmatic trial of a targeted digital intervention for youth with suicidal thoughts and behaviours attending outpatient care	University of Melbourne	\$1,443,572
APP2000375	CIA - Associate Professor Rebecca McKetin CIB - Professor Michael Farrell CIC - Professor Louisa Degenhardt CID - Professor Michael Berk CIE - Associate Professor Olivia Dean CIF - Professor Gregory Dore CIG - Professor Steven Shoptaw CIH - Associate Professor Peter Kelly CII - Dr Alyna Turner CIJ - Dr Philip Clare	A Phase III randomised placebo-controlled trial of mirtazapine as a pharmacotherapy for methamphetamine (“Ice”) dependence	University of New South Wales	\$3,923,009

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APP2000376	CIA - Professor Richard Kanaan CIB - Professor David Berlowitz CIC - Dr Roderick Duncan CID - Professor Cathrine Mihalopoulos CIE - Miss Sabine Braat CIF - Professor Terence O'Brien CIG - Professor Dennis Velakoulis CIH - Professor Patrick Kwan CII - Professor Roger Mulder CIJ - Professor Mark Cook	Breathing Control as a treatment for Non-Epileptic Seizures	University of Melbourne	\$1,740,187
APP2000404	CIA - Professor Shyamali Dharmage CIB - Professor Michael Abramson CIC - Professor Eugene Walters CID - Dr Jennifer Perret CIE - Professor Gregory King CIF - Associate Professor George Washko CIG - Dr Richard Wood-Baker CIH - Professor Paul Thomas CII - Associate Professor Garun Hamilton CIJ - Dr Dinh Bui	Providing translatable evidence to advance prevention and management of COPD: a longitudinal study from the 1st to 7th decade of life	University of Melbourne	\$2,893,320

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APP2000540	CIA - Professor Jonathan Shaw CIB - Professor Dianna Magliano CIC - Professor Rachel Huxley CID - Associate Professor Peter Van Wijngaarden CIE - Professor Jane Speight CIF - Professor Kaarin Anstey CIG - Professor Mark Cooper CIH - Professor Thomas Marwick CII - Dr Agus Salim CIJ - Dr Julian Sacre	PRogrESSION of DIabetic ComplicaTIONS - PREDICT	Baker Heart and Diabetes Institute	\$4,784,627
APP2000711	CIA - Professor Trevor Leong CIB - Professor Bernard Smithers CIC - Professor Florian Lordick CID - Professor John Simes CIE - Professor Gail Darling CIF - Professor Val GebSKI CIG - Professor Alex Boussioutas CIH - Professor Karin Haustermans CII - Professor John ZalcbERG CIJ - Professor Michael Michael	AGITG TOP GEAR: A randomised phase II/III trial of preoperative chemoradiotherapy versus preoperative chemotherapy for resectable gastric cancer	University of Sydney	\$621,644

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APP2000780	CIA - Dr Holger Unger CIB - Professor Stephen Rogerson CIC - Dr Brioni Moore CID - Dr Moses Laman CIE - Dr John Bolnga CIF - Professor Feiko ter Kuile CIG - Dr Kamala Ley-Thriemer CIH - Professor Richard Price CII - Dr Amalia Karahalios CIJ - Dr Michaela Riddell	Intermittent preventive treatment in pregnancy with sulphadoxine-pyrimethamine plus dihydroartemisinin-piperazine to reduce adverse pregnancy outcomes and prevent malaria in Papua New Guinea: a randomised controlled trial	Menzies School of Health Research	\$2,938,453
APP2000842	CIA - Professor Stephanie Brown CIB - Dr Deirdre Gartland CIC - Associate Professor Rebecca Giallo CID - Professor John Carlin CIE - Associate Professor Lisa Gold CIF - Professor Kelsey Hegarty CIG - Professor Lena Sanci CIH - Dr Alison Fogarty CII - Professor Helen Herrman CIJ - Professor Harriet MacMillan	Uncovering the hidden impacts and costs of exposure to intimate partner violence in childhood: a 20-year cohort study	Murdoch Childrens Research Institute	\$1,595,473

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APP2000989	CIA - Dr Christina Abdel Shaheed CIB - Professor Chris Maher CIC - Professor Andrew McLachlan CID - Professor Fiona Blyth CIE - Professor Louisa Degenhardt CIF - Associate Professor Rowena Ivers CIG - Dr Thomas Lung CIH - Associate Professor Patrick Kelly CII - Dr Fiona Stanaway CIJ - Dr Rachel Thompson	IMPLORE - Implementing an opioid stewardship intervention to reduce opioid use	University of Sydney	\$2,352,236
APP2001237	CIA - Professor Carol Hodgson CIB - Professor Rinaldo Bellomo CIC - Dr Paul Young CID - Professor Sandra Peake CIE - Professor Michael Bailey CIF - Professor Christine McDonald CIG - Dr Alisa Higgins CIH - Professor Alistair Nichol CII - Professor Andrew Udy CIJ - Associate Professor Adam Deane	Low OxyGen Intervention for Cardiac Arrest injury Limitation trial (LOGICAL)	Monash University	\$2,314,403

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APP2001264	CIA - Associate Professor Camille Raynes-Greenow CIB - Professor Shams El Arifeen CIC - Dr Ashraful Alam CID - Dr Jonathan Thornburg CIE - Associate Professor Patrick Kelly CIF - Dr Fahmida Tofail CIG - Associate Professor Alison Hayes CIH - Dr Nusrat Homaira CII - Mr Sk. Masum Billah CIJ - Professor Michael Dibley	Reducing household air pollution exposure to improve early child health and development; extending the intervention and follow-up of "Poriborton: the CHANge trial".	University of Sydney	\$2,916,421
APP2001375	CIA - Associate Professor Kirsten Morley CIB - Professor Paul Haber CIC - Professor Daniel Lubman CID - Professor Michael Berk CIE - Professor Andrew Baillie CIF - Professor Jason Connor CIG - Associate Professor Timothy Slade CIH - Dr Mary Lou Chatterton CII - Dr Paul Clark CIJ - Dr Shalini Arunogiri	A randomised controlled trial of N-acetylcysteine for the treatment of alcohol use disorder	University of Sydney	\$1,294,923

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APP2001391	CIA - Professor Jane Pillow CIB - Professor Rod Hunt CIC - Professor Peter Anderson CID - Dr Peter Mark CIE - Professor Alicia Spittle CIF - Professor Andrew Whitehouse CIG - Dr Julie Marsh CIH - Professor Catherine Elliott CII - Professor Nadia Badawi	Cognitive Improvement through early Restoration of circadian rhythms in very preterm Infants via Environmental Modification: The CIRCA DIEM Study	University of Western Australia	\$3,077,039
APP2001517	CIA - Associate Professor Victoria Mar CIB - Professor Monika Janda CIC - Professor H. Peter Soyer CID - Professor Pablo Peñas CIE - Professor Anne Cust CIF - Professor Rachael Morton CIG - Professor Rory Wolfe CIH - Professor Richard Scolyer CII - Dr Zongyuan Ge CIJ - Mr Craig Lawn	Reconceiving early detection of melanoma	Monash University	\$3,217,920



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APP2001568	CIA - Professor Ian Hickie CIB - Professor Patrick McGorry CIC - Professor Franz-Markus Leweke CID - Professor Adam Guastella CIE - Professor Jan Scott CIF - Associate Professor Elizabeth Scott CIG - Professor Cathrine Mihalopoulos CIH - Professor Sally Cripps CII - Dr Frank Iorfino CIJ - Dr Cathrin Rohleder	A large-scale clinical effectiveness (health services) trial to determine whether personalised health care packages, combined with digitally-supported measurement-based care, improve functional outcomes in young people with mood disorders	University of Sydney	\$3,434,588
APP2001578	CIA - Professor Y C Gary Lee CIB - Professor Nick Maskell CIC - Professor David Feller-Kopman CID - Associate Professor Gavin Wright CIE - Associate Professor Kevin Murray CIF - Associate Professor Richard Norman CIG - Dr Edward Fysh CIH - Professor Robert Newton CII - Professor Jenette Creaney CIJ - Dr Morgan Windsor	Australasian Malignant Pleural Effusion (AMPLE)-3 trial	University of Western Australia	\$1,105,749

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APP2001751	CIA - Professor Peter Morris CIB - Dr Holger Unger CIC - Dr David Simon CID - Professor Amanda Leach CIE - Dr Joshua Francis CIF - Dr Dennis Bonney CIG - Dr Victor Oguoma CIH - Associate Professor Heidi Smith-Vaughan CII - Professor Heather D'Antoine CIJ - Dr Robyn Marsh	'Azithromycin before Birth'- Single dose azithromycin shortly before birth to reduce infection in Aboriginal mothers and babies: a randomised controlled trial.	Menzies School of Health Research	\$3,205,109
APP2001834	CIA - Dr Bei Bei CIB - Professor Rachel Manber CIC - Professor Sean Drummond CID - Dr Joshua Wiley CIE - Associate Professor Duncan Mortimer CIF - Dr Denise O'Connor CIG - Professor Ben Mol CIH - Dr Daniel Rolnik CII - Associate Professor Margot Davey	A Scalable Insomnia Program during the Pregnancy and Postpartum Periods: An Effectiveness-Implementation Hybrid Trial	Monash University	\$877,335

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APP2006101	CIA - Professor Susan Ramus CIB - Professor Anna deFazio CIC - Professor Michael Friedlander CID - Professor Paul Pharoah CIE - Professor James Brenton CIF - Professor Iain McNeish CIG - Associate Professor Martin Koebel CIH - Dr Aline Talhouk CII - Professor Beth Karlan CIJ - Professor Claire Wakefield	Prospective Ovarian Cancer Cohort to Authenticate Stratification of Prognosis in Ovarian Tumours (POCCA-SPOT)	University of New South Wales	\$993,580
APP2006403	CIA - Professor Andrew Wei CIB - Associate Professor Courtney DiNardo CIC - Professor Andrew Roberts CID - Associate Professor Naval Daver CIE - Associate Professor John Reynolds CIF - Dr Piers Blombery CIG - Professor Paula Marlton CIH - Professor David Curtis	INTERCEPT (Investigating Novel Therapy to target Early Relapse and Clonal Evolution as Pre-emptive Therapy in AML): a multi-arm, precision-based, recursive, platform trial	Monash University	\$5,789,515

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APP2006415	CIA - Professor Georgina Long CIB - Professor Angela Hong CIC - Professor Grant McArthur CID - Associate Professor Alexander Menzies CIE - Associate Professor Mark Pinkham CIF - Associate Professor Matteo Carlino CIG - Dr Neda Haghighi CIH - Dr Wei Wang CII - Associate Professor Victoria Atkinson CIJ - Associate Professor Serigne Lo	Anti-PD 1 Brain Collaboration + Radiotherapy Extension: The ABC- X Study	Melanoma Institute Australia	\$1,010,142
APP2006451	CIA - Professor Erica Wood CIB - Associate Professor Zoe McQuilten CIC - Professor C. Orla Morrissey CID - Professor Judith Trotman CIE - Professor Andrew Spencer CIF - Professor Stephen Opat CIG - Dr Laura Fanning CIH - Associate Professor John Reynolds CII - Professor David Paterson CIJ - Professor Stephen Mulligan	Preventing infections in patients with blood cancer through evidence-based use of immunoglobulin or alternatives: The RATIONALISE trial	Monash University	\$2,490,422

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APP2006491	CIA - Associate Professor Valerie Sung CIB - Professor Melissa Wake CIC - Professor Marc Pellegrini CID - Professor Cheryl Jones CIE - Dr Xinyang Hua CIF - Dr Margarita Moreno-Betancur CIG - Professor Richard Leventer CIH - Professor Richard Saffery CII - Associate Professor Lisa Hui	Whole-of-population CRISPR point-of-care testing for congenital cytomegalovirus to prevent hearing and neurodevelopment disabilities through a public health approach	Murdoch Childrens Research Institute	\$2,058,921
APP2006529	CIA - Associate Professor Kenneth Pang CIB - Associate Professor Michelle Telfer CIC - Dr Michelle Tollit CID - Mr Mohammad Hoq CIE - Professor Rachel Skinner CIF - Dr Ada Cheung	Trans20: A longitudinal cohort study to improve outcomes for transgender children and adolescents	Murdoch Childrens Research Institute	\$1,566,662

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APP2006611	CIA - Associate Professor Joanne Ryan CIB - Professor Sophia Zoungas CIC - Professor Meng Law CID - Professor Craig Anderson CIE - Dr Trevor Chong CIF - Professor Stephane Heritier CIG - Dr Ian Harding CIH - Professor Sharon Naismith CII - Professor Danny Liew CIJ - Professor Michael O'Sullivan	Clinical trial to determine the effects of statins on cognition: STAREE-Mind	Monash University	\$2,795,200
APP2006658	CIA - Dr Rachel Peters CIB - Dr Jennifer Koplin CIC - Professor Mimi Tang CID - Professor Shyamali Dharmage CIE - Professor Lyle Gurrin CIF - Associate Professor Kirsten Perrett CIG - Professor Sarath Ranganathan CIH - Dr Margarita Moreno-Betancur	Food allergy in the first 15 years of life: wave 5 of the HealthNuts longitudinal study	Murdoch Childrens Research Institute	\$2,435,075

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APP2006773	CIA - Professor Rachel Neale CIB - Professor David Whiteman CIC - Associate Professor Gunter Hartel CID - Associate Professor Craig Sinclair CIE - Associate Professor Donald McLeod CIF - Dr Mary Waterhouse CIG - Associate Professor Louisa Gordon	The effect of high SPF sunscreen application on vitamin D	The Council of the Queensland Institute of Medical Research	\$1,175,124
APP2006867	CIA - Associate Professor Leanne Sakzewski CIB - Professor Roslyn Boyd CIC - Professor Catherine Elliott CID - Professor Iona Novak CIE - Dr Dayna Pool CIF - Professor Stewart Trost CIG - Professor Robert Ware CIH - Associate Professor Tracy Comans CII - Ms Rachel Toovey CIJ - Associate Professor Mark Peterson	ACTIVE STRIDES-CP: Randomised trial of Intensive Rehabilitation (Combined Intensive Gait and Cycling Training) for children with moderate to severe bilateral cerebral palsy	The University of Queensland	\$2,401,294

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APP2006883	CIA - Professor Alex Brown CIB - Professor Paul Zimmet CIC - Professor Mark Cooper CID - Professor Jonathan Shaw CIE - Professor Assam El-Osta CIF - Professor Eske Willerslev CIG - Professor Louise Maple-Brown CIH - Professor David James CII - Professor Stephen Nicholls CIJ - Professor Jamie Craig	Predicting Renal, Ophthalmic and Heart Events in the Aboriginal Community: The PROPHECY Diabetes Multi-Omics Cohort Study	The University of Adelaide	\$3,955,505
APP2006893	CIA - Professor Bruce Neal CIB - Dr Clare Arnott CIC - Professor Vlado Perkovic CID - Professor Sophia Zoungas CIE - Professor Hiddo Heerspink CIF - Professor Timothy Usherwood CIG - Associate Professor Gian Luca Di Tanna CIH - Ms Helen Monaghan CII - Dr Thomas Lung	A randomised trial of the effects of SGLT2 inhibition versus metformin on decline in renal function when used as first line therapy in type 2 diabetes	University of New South Wales	\$3,815,693
			<b>Total</b>	74,223,141