

**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****$** |
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| 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 MihalopoulosCIJ - 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 |
| 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 |
| APP2000540 | CIA - Professor Jonathan Shaw CIB - Professor Dianna MaglianoCIC - Professor Rachel Huxley CID - Associate Professor Peter Van WijngaardenCIE - 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 SmithersCIC - 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 |
| 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-piperaquine 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 FogartyCII - 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 |
| APP2000989 | CIA - Dr Christina Abdel Shaheed CIB - Professor Chris Maher CIC - Professor Andrew McLachlan CID - Professor Fiona BlythCIE - 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 McDonaldCIG - 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 |
| APP2001264 | CIA - Associate Professor CamilleRaynes-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 |
| 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 |
| 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 |
| 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 |
| 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 TalhoukCII - 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 RobertsCID - 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 |
| APP2006415 | CIA - Professor Georgina Long CIB - Professor Angela Hong CIC - Professor Grant McArthur CID - Associate Professor Alexander MenziesCIE - 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 |
| 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 SkinnerCIF - Dr Ada Cheung | Trans20: A longitudinal cohort study to improve outcomes for transgender children and adolescents | Murdoch Childrens Research Institute | $1,566,662 |
| 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 HardingCIH - 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 |
| APP2006773 | CIA - Professor Rachel Neale CIB - Professor David Whiteman CIC - Associate Professor Gunter HartelCID - Associate Professor Craig Sinclair CIE - Associate Professor Donald McLeodCIF - 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 PoolCIF - 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 |
| APP2006883 | CIA - Professor Alex Brown CIB - Professor Paul Zimmet CIC - Professor Mark Cooper CID - Professor Jonathan ShawCIE - Professor Assam El-Osta CIF - Professor Eske Willerslev CIG - Professor Louise Maple-Brown CIH - Professor David James CII - Professor Stephen NichollsCIJ - 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 ArnottCIC - Professor Vlado Perkovic CID - Professor Sophia Zoungas CIE - Professor Hiddo HeerspinkCIF - 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 |
|  | **Total** | 74,223,141 |