

**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 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 |
| 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 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 |
| 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 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 |
| 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 |
| 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 |
| 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 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
|  | | | **Total** | 74,223,141 |