

**ACT****Australian National University**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
525415	Prof Stefan Broer	Metabolic complexes	\$284,250
525419	Prof Helen Christensen A/Pr Kathleen M Griffiths Prof Andrew J Mackinnon Prof Justin A Kenardy	Using the web to prevent anxiety	\$605,125
525424	Prof David J Tremethick	Mechanisms that underpin chromosome stability	\$501,250
525431	Dr Charani Ranasinghe	Mucosal immunity and CTL avidity	\$531,500
525437	Dr Maarten HP Kole	Axonal M-type potassium channels	\$312,500
525447	Prof Robert B Saint Dr Stephen L Gregory	Developing therapies for drug resistant cancers.	\$538,125
525453	Prof Susan R Wilson	Statistical Methods for Analysis of Complex Genetic Disease Data	\$1,181,000
525456	Dr Andrei V Rode Dr Anton S Desyatnikov Prof Wieslaw Z Krolikowski	Air cleaning from nanoparticle contamination	\$481,825
525458	Prof Philip G Board	gamma-glutamylcyclotransferase as a novel target for cancer therapy	\$416,625
525459	A/Pr Michael R Ibbotson A/Pr Geoffrey J Goodhill	STUDYING DEVELOPMENT OF THE VISUAL BRAIN	\$468,750
525460	Prof Greg J Stuart	Action potential initiation and propagation in neurons	\$304,500
525461	A/Pr Michael R Ibbotson Prof Marcello G. P. Rosa	Understanding how eye movements affect visual perception	\$549,250

**NSW****Garvan Institute of Medical Research**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
535917	Dr Carsten Schmitz-Peiffer A/Pr Trevor J Biden	How does protein kinase C epsilon affect the body's response to insulin?	\$622,500
535922	Prof David E James Dr Kyle Hoehn Dr Nigel Turner Prof Michael Guilhaus Dr Brad J Marsh	Identifying factors that contribute to insulin resistance	\$526,500
535923	Prof David E James Prof Michael Guilhaus Dr Jacqueline Stoeckli	Deciphering how Insulin works	\$725,000
535925	Prof Ken Ho	Oestrogen and Growth Hormone Action	\$526,500
535930	Dr Jiming Ye Dr Bronwyn D Hegarty Prof Yang Ye	New Therapeutics Derived from Traditional Medicines for the Treatment of Type 2 Diabetes	\$504,000

**NSW****Garvan Institute of Medical Research**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
535932	Dr Paul A Baldock A/Pr David G Little	NPY in bone repair	\$451,250
535934	Dr Cecile M King Prof Jonathan Sprent	The contribution of IL-21 to autoimmune diabetes	\$470,250
535947	Dr Alexander Swarbrick Prof Neil Watkins Dr Sandra A O'Toole	The role of the hedgehog pathway in breast cancer	\$576,000
535949	Dr Jerry R Greenfield	Does taking a glutamine supplement lower blood glucose levels?	\$382,500
535963	Prof Roger J Daly A/Pr Christopher J Ormandy	Identification of proteins regulating breast cancer growth.	\$553,500

**Macquarie University**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
543402	Prof Harold W Stokes Prof Michael R Gillings A/Pr Andrew J Holmes A/Pr Jonathan R Iredell Dr Sally R Partridge	How antibiotic resistance and virulence genes get into pathogens	\$506,250
543421	A/Pr Gregory R Savage Prof Michael K Morgan Dr Mark A Williams Dr Anina Rich Prof Paul T Maruff Dr Christopher I Baker	Changes in specialised brain functions after neurosurgical treatment of vascular abnormalities	\$674,500

**NSW Cancer Council**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
550001	A/Pr Frederic Sitas Prof Bruce K Armstrong A/Pr Emily Banks Dr Anne Krickler Dr Marianne Weber Dr Michael Pawlita	Infection, lifestyle and skin cancer.	\$953,200

**Royal Prince Alfred Hospital**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
556301	Dr Adam R Winstock Prof Iain S McGregor A/Pr Nicholas Lintzeris	Trial of lithium carbonate for cannabis withdrawal	\$507,500

**Southern Cross University**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
558102	Prof Stephen P Myers Prof Andrew J Sinclair Prof Con Stough A/Pr Barbara J Meyer A/Pr David N Leach Dr Lyndon Brooks	Fish Oil and Work Stress Trial	\$135,225

## University of New England

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>568301</b>	Dr Pierre DJ Moens Prof Glenn F King Dr Partha Roy A/Pr Luis A Bagatolli Prof Enrico Gratton	Profilin: A novel target for cancer therapy	\$252,000

## University of New South Wales

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>568616</b>	Prof Rakesh K Kumar Dr Nicodemus Tedla	Role of lung macrophages in the development of asthma exacerbations	\$476,250
<b>568617</b>	Prof Nicholas A Zwar Prof Robyn L Richmond Dr Elizabeth J Halcomb Dr John S Furler Dr Julie P Smith	Quit in General Practice	\$1,076,950
<b>568619</b>	Dr Andrew J Brown Dr Valerie C Wasinger	Controlling fat synthesis in our cells	\$324,500
<b>568626</b>	Dr Richard C Fitzpatrick	Human posture and balance	\$293,250
<b>568627</b>	Dr Mary M Kavurma	The role of TRAIL and TRAIL receptors in atherosclerosis	\$541,500
<b>568632</b>	Prof John BF de Wit Prof Michael R Kidd Dr Christy E Newman Dr Jonathan StC Anderson Dr Robert H Reynolds Mr Peter G Canavan	Investigating the GP workforce providing HIV care	\$451,050
<b>568637</b>	Dr Gila Moalem-Taylor	The role of neuroinflammation in neuropathic pain	\$451,500
<b>568651</b>	Dr Brett Garner Dr Genevieve Evin	A new drug for Alzheimer's disease	\$476,250
<b>568666</b>	A/Pr Sean Emery Prof Jennifer A Hoy Dr Sarah L Pett Dr Norman L Roth Dr Edwina Wright	Strategic Timing of AntiRetroviral Treatment □(START)	\$405,400
<b>568667</b>	Prof Mark R Dadds Dr David J Hawes Dr John Brennan Prof David A Hay Dr Ruth E Urwin	Pathways to psychopathology in young females	\$387,750
<b>568668</b>	Dr John E Pimanda Dr Bertie Gottgens Dr Marella F.T.R. de Bruijn	Transcriptional regulation of early blood development	\$566,500
<b>568677</b>	Prof Richard A Bryant	Treating PTSD in Police Officers	\$181,875

## University of New South Wales

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>568678</b>	A/Pr Colleen KA Loo Prof Isaac Schweitzer	Improving Outcomes with Electroconvulsive Therapy	\$408,600
<b>568694</b>	Prof Mark R Dadds Dr John Brennan A/Pr Katrina Jane Williams Dr Florence Levy	Oxytocin and social functioning in ASD	\$251,036
<b>568695</b>	A/Pr Richard B Lock Dr Richard Saffery Dr Jeffrey Craig	Drug resistance in childhood leukaemia	\$526,500
<b>568700</b>	Prof Simon C Gandevia Dr Janet L Taylor	NOVEL CENTRAL MECHANISMS IN PROPRIOCEPTION	\$456,500
<b>568701</b>	Dr Jane E Butler A/Pr David K McKenzie Prof Simon C Gandevia	Control of breathing	\$381,000
<b>568702</b>	Dr Janet L Taylor Dr Jane E Butler Prof Simon C Gandevia	Neural aspects of human muscle fatigue	\$319,090
<b>568704</b>	Dr Karen L MacKenzie A/Pr Maria Kavallaris A/Pr Richard B Lock	Simultaneous inactivation of two genes (survivin and telomerase) that are commonly altered in diverse human cancers.	\$526,500
<b>568713</b>	Dr Geoffrey A Lambert A/Pr Alessandro S Zagami	Preventing migraine	\$592,500
<b>568721</b>	Dr Shane R Thomas A/Pr Anthony J Kettle Dr Mark D Hulett	Oxidative stress and endothelial dysfunction	\$432,750
<b>568724</b>	Prof Stephen R Lord Dr Stuart T Smith Dr Catherine Sherrington Prof Stephanie Studenski	Development of a novel intervention for training stepping ability to reduce the risk of falls in older adults.	\$375,625
<b>568725</b>	Dr Hongyuan Yang Dr Andrew J Brown	seipin, lipid metabolism and adipogenesis	\$382,500
<b>568728</b>	Prof Margaret J Morris Prof Reginald F Westbrook	Causes of overeating	\$414,300
<b>568729</b>	Prof Margaret J Morris A/Pr Terence J O'Brien	Neuropeptide Y and epilepsy	\$420,450
<b>568732</b>	Prof Derrick Silove Prof Anthony Zwi Mr Zachary Steel Dr Robert Brooks Dr Susan Rees	Anger and Violence in Timor Leste	\$540,125
<b>568743</b>	A/Pr Matthew C Kiernan	FANS	\$571,175

## University of New South Wales

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>568746</b>	Dr Lucette A Cysique	Neurocognitive decline in older HIV+ individuals	\$352,025
<b>568753</b>	Dr Tao Liu Prof Glenn M Marshall Dr Siiri Iismaa	The role of tissue transglutaminase in neuroblastoma	\$299,250
<b>568762</b>	Prof Samuel N Breit	MIC-1 in prostate cancer	\$556,500
<b>568764</b>	Prof Samuel N Breit Dr Lele Jiang	CLIC1 and immune/inflammatory responses	\$544,500
<b>568767</b>	Prof Caroline Rae Dr Vladimir J Balcar Dr Julian L Griffin	Studies of the GABAergic system	\$272,000
<b>568769</b>	Dr Nicole M Jones	Roles for HIF-1 in brain protection	\$282,000
<b>568771</b>	Dr Nicodemus Tedla A/Pr Michael Grimm Prof Carolyn L Geczy	Immune regulatory functions of LILRs-A5, B1 and B4 in human colon	\$284,250
<b>568774</b>	Dr Shane R Thomas Prof Nicholas JC King	How is an immune regulatory enzyme controlled?	\$491,250
<b>568775</b>	Dr Lesley J Ashton Dr Claire M Vajdic Dr Tracey A O'Brien A/Pr Anthony J Dodds	Second cancers after haematopoietic stem cell transplantation	\$393,750
<b>568782</b>	A/Pr Maria Kavallaris Dr Joshua A McCarroll	Targeting cancer genes to improve therapy	\$586,500
<b>568787</b>	Prof Henry Brodaty Dr Lee-Fay Low Prof Lynn Chenoweth A/Pr Richard Fleming Dr Peter Spitzer	A study of humour therapy in residential care	\$819,938
<b>568804</b>	Prof Philip J Hogg Dr Christina I Schroeder	How a large class of proteins interact with each other	\$496,500
<b>568806</b>	Prof John M Kaldor Mr James S Ward Dr Alice R Rumbold Ms Rebecca J Guy Prof Robyn A Mc Dermott A/Pr Lisa Maher	Can better clinical practice lower the rates of sexually transmitted infections in remote Aboriginal communities?	\$1,746,788
<b>568807</b>	Dr Thomas W Weickert Prof Cynthia S Weickert Prof Peter R Schofield Prof Jayashri Kulkarnie Prof Vaughan J Carr	Cognitive enhancement in schizophrenia via selective oestrogen receptor modulator.	\$381,150

**NSW****University of New South Wales**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>568811</b>	Dr Megan P Hitchins Prof Robyn L Ward Prof Nicholas J Hawkins	Epimutations as a cause for heritable bowel cancer in young persons	\$334,250
<b>568812</b>	Dr Cristan A Herbert	Th17 cytokines in Airway Wall Remodelling in Asthma	\$284,250
<b>568823</b>	A/Pr Miles P. Davenport Dr Janka Petravic Dr Ruy M Ribeiro	Helper T cells as regulators and targets of HIV infection	\$307,500
<b>568833</b>	Prof Shane Darke Dr Sharlene Kaye	Diversion and misuse of ADHD medication	\$148,000
<b>568841</b>	Dr Scott A Rice Prof Staffan Kjelleberg Dr Michael Kelso	Nitric oxide treatment of bacterial biofilm based infections	\$529,834
<b>568850</b>	A/Pr James A Brock	Are diabetic vascular complications due to loss of nerves or impaired vascular muscle function?	\$375,450
<b>568855</b>	Prof Ann M Williamson Prof Raphael H Grzebieta Dr Jake H Olivier	Can we tell that we are too tired to drive?	\$427,200
<b>568859</b>	Dr Mark Danta Dr Gail V Matthews A/Pr Margaret Hellard Dr Joseph J Sasadeusz Dr Garrett P Prestage	Defining sexual transmission of hepatitis C among gay men	\$380,050
<b>568861</b>	Prof Elizabeth Burcher Dr Lu Liu Dr Bridget R Southwell	Hemokinin - a novel tachykinin in human health and disease	\$367,750
<b>568872</b>	Prof Simon Killcross	Brain systems underpinning control of actions and habits	\$360,375

**University of Newcastle**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>569202</b>	Prof Keith T Jones Dr Eileen A McLaughlin	The Causes of Aneuploidy in Oocytes	\$506,250
<b>569206</b>	Prof Robert J Callister A/Pr Philip S Bolton A/Pr Alan M Brichta	Spinal mechanisms underlying neck pain	\$451,500
<b>569210</b>	A/Pr Amanda L Baker Prof Robyn L Richmond Prof Castle David Prof Jayashri Kulkarnie A/Pr Jill M Williams Dr Frances J Kay-Lambkin	Improving the lifestyle of people with psychotic illnesses	\$773,000

## University of Newcastle

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>569211</b>	Dr Peter B Greer Prof Clive Baldock Dr Kuncic Zdenka Prof James W Denham	Investigation of a new imaging device for radiation therapy dose delivery verification	\$393,441
<b>569213</b>	Prof John F Forbes Prof Alan S Coates A/Pr Frances M Boyle Prof Gregory B Mann Prof Christobel Saunders Prof Jack Cuzick	IBIS II	\$1,635,000
<b>569219</b>	A/Pr Philip M HANSBRO Prof Kenneth K Beagley Dr Joerg MATTES	Chlamydial infection and asthma	\$592,125
<b>569232</b>	Dr Xu Dong Zhang Prof Peter Hersey Dr Rick F Thorne	Overcoming Adaptation to Endoplasmic Reticulum Stress to Sensitize Melanoma to Chemotherapy	\$491,250
<b>569234</b>	Dr Eileen A McLaughlin Dr Gary R Hime	Translational control of folliculogenesis and oocyte development	\$402,750
<b>569235</b>	Dr Brett Nixon Dr Eileen A McLaughlin A/Pr Moira K O'Bryan	Human sperm-oocyte interaction	\$474,000
<b>569239</b>	Prof Roger SMITH E/Pr Eugenie R Lumbers Prof Cecelia C Blackwell Dr Gervais Desire Edouard Tursan d'E A/Pr Pathik Wadhwa A/Pr Andrew BISITS	Stress During Pregnancy and the Developmental Origins of Renal Disease in Aboriginal Australians	\$832,535
<b>569246</b>	Prof Peter G Gibson Dr Jodie L Simpson Prof John W Upham A/Pr Paul N Reynolds Dr Ian A Yang Dr Sandra J Hodge	Azithromycin for asthma	\$2,991,000
<b>569257</b>	A/Pr Christopher R. LEVI Dr Jonathon W. STURM Prof John Attia Prof Rodney J Scott Dr Simon A Koblar Dr Lisa F. LINCZ	Genome-wide association study in stroke	\$1,108,000
<b>569258</b>	Dr Mark A Baker	Identification of phosphorylation events taking place during human sperm capacitation	\$269,250

**NSW****University of Newcastle**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>569259</b>	A/Pr Ulrich A Schall Prof Patricia T Michie Dr Helen J Stain A/Pr Philip B Ward Dr Robyn Langdon Dr Juanita Todd	Understanding emerging severe mental illness in young people	\$1,505,750
<b>569282</b>	A/Pr Tamas Zakar Dr Jonathan J Hirst	Hormonal control of birth	\$526,500
<b>569285</b>	Dr Ian M Wright	Sex-Specific Differences in Cardiovascular Adaptation in the First Three Years of Life.	\$543,300
<b>569293</b>	Dr Andrew B Kneebone Dr Scott G Williams A/Pr Mark Frydenberg Prof Gillian M Duchesne A/Pr Richard J Fisher Dr Lizbeth Kenny	RAVES - Radiotherapy Adjuvant Versus Early Salvage following radical prostatectomy.	\$775,000
<b>569299</b>	Dr Eugene Nalivaiko Prof Trevor A Day Prof Prashanthan Sanders A/Pr David A Saint	How chronic stress and depression harm the heart	\$357,925

**University of Sydney**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>570742</b>	A/Pr Cheryl A Jones Prof Wolfgang Weninger	Defining the dynamics and function of dendritic cells after cutaneous HSV infection in vivo.	\$402,750
<b>570744</b>	Dr Sandra T Cooper Prof Kathryn N North	Dysferlin muscular dystrophy and skeletal muscle membrane repair	\$304,250
<b>570752</b>	Prof John J Christodoulou Prof Patrick PL Tam	Understanding the disease processes in Rett syndrome and related disorders.	\$405,375
<b>570756</b>	Prof Peter B McIntyre Prof Terry M Nolan Dr Nicholas Wood Dr Helen Marshall Dr Julie Rowe	Pertussis vaccine for newborns	\$1,454,200
<b>570761</b>	Dr Patrina H Caldwell	The Nocturnal Enuresis Alarm Therapy (NEAT) Study	\$339,250
<b>570762</b>	Prof Peter W Gunning A/Pr Edna C Hardeman Dr Anthony J Kee	Regulation of glucose uptake	\$523,500
<b>570764</b>	Dr Matthew J Grimshaw	Determining the role of a novel gene involved in cancer blood supply.	\$561,500
<b>570768</b>	Dr James A Triccas Prof Warwick J Britton	Chronic bacterial infection and T cell memory	\$526,500
<b>570769</b>	Prof Wolfgang Weninger Dr Lai Guan Ng	Innate immunity in skin infections	\$491,250

## University of Sydney

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<b>570771</b>	Dr Bernadette M Saunders Prof Warwick J Britton Prof Georges E Grau	Pulmonary Inflammation and TB infection	\$438,000
<b>570772</b>	Dr Elena Shklovskaya	Role of dendritic cells in CD4 memory	\$541,500
<b>570780</b>	Prof Barbara D Fazekas de St Groth Dr Stephen I Alexander Dr Vicki Levidiotis	Primed T cells in graft rejection	\$521,250
<b>570784</b>	Dr Mika K Jormakka	Molecular basis of Fluoroquinolone resistance	\$520,500
<b>570789</b>	A/Pr John R Wheatley Dr Terence C Amis Dr Paul K Witting	The Mechanisms by which Heavy Snoring causes Carotid Artery Disease	\$570,075
<b>570808</b>	Prof Anita C Bundy Prof Louise A Baur Prof Geraldine A Naughton Dr Paul J Tranter Prof Wendy E Schiller Dr Shirley R Wyver	An Innovative Playground Intervention to Increase Physical Activity	\$486,250
<b>570814</b>	A/Pr Jennifer A Alison A/Pr Sue C Jenkins A/Pr Peter R Eastwood Prof Christine R Jenkins Prof David Hillman Dr Zoe J McKeough	Walking Training in People with Chronic Obstructive Pulmonary Disease (COPD).	\$421,500
<b>570819</b>	Prof Mark Onslow A/Pr Ann Packman Dr Susan O'Brian A/Pr Michelle A Lincoln Prof Sheena Reilly Dr Mark A Jones	Randomised trial of an innovative treatment for early stuttering.	\$462,350
<b>570829</b>	Dr Clare L Hawkins Prof Michael J Davies	Lipoprotein oxidation and heart disease	\$343,250
<b>570844</b>	Dr Rachel Codd	Understanding iron-uptake mechanisms in bacteria to inform strategies to control infection and to treat beta-thalassemia	\$264,250
<b>570849</b>	Prof Anthony L Cunningham Dr Russell J Diefenbach Dr Monica Miranda Saksena	How is herpes simplex virus transported in nerve cells?	\$615,000
<b>570850</b>	A/Pr Jillian J Kril Dr Lars M Ittner Prof J rgen M G tz Prof Glenda M Halliday	Pathogenesis of frontotemporal dementia	\$491,250

## University of Sydney

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>570853</b>	A/Pr Rebecca Q Ivers A/Pr Lynne Bilston Prof Mark Stevenson Ms Julie Brown Prof Judy M Simpson	Child restraint intervention trial	\$703,200
<b>570855</b>	A/Pr Colin W G Clifford Dr Branka Spehar A/Pr Michael Breakspear	Orientation-specific contextual modulation in human visual cortex	\$279,250
<b>570856</b>	Dr Alaina J Ammit Dr David E Hibbs	MKP-1 as a novel anti-inflammatory strategy in asthma	\$442,250
<b>570861</b>	Prof Roland O Stocker A/Pr Christopher G Sobey	Dilation of blood vessels in response to a natural amino acid	\$639,000
<b>570865</b>	A/Pr Christine L Clarke Dr Dinny Graham	Chromosomal positioning of progesterone receptor in normal and malignant breast	\$546,750
<b>570867</b>	Dr Janette K Burgess Dr Brian GG Oliver Mr Markus D Weckmann	Anti-inflammatory role of collagen IV in asthma	\$304,500
<b>570869</b>	Prof Simon F Chapman Ms Rebecca Freeman Dr Mary Assunta Kolandai	The use of Web 2.0 internet sites to undermine tobacco advertising bans and to mobilise tobacco control advocates	\$351,000
<b>570870</b>	Prof Simon F Chapman Prof Wayne D Hall Prof Sally Redman Prof Stephen R Leeder Dr James J Gillespie	What is influential public health research?	\$433,500
<b>570872</b>	A/Pr Robert D Herbert Prof Simon C Gandevia A/Pr Lynne Bilston Dr Lisa A Harvey	What causes muscle contractures?	\$179,398
<b>570876</b>	Dr David Gell Dr Mitchell J Weiss	The biology of red blood cell development and potential treatments for inherited anaemias.	\$254,250
<b>570877</b>	A/Pr Janet R Keast Dr Matthew R Nangle	A new strategy for improving nerve regeneration	\$304,500
<b>570883</b>	A/Pr Jane Latimer Prof Christopher G Maher Prof Andrew J McLachlan Dr Chris W Cooper Mr Mark J Hancock	The first placebo-controlled trial of paracetamol for back pain.	\$602,625
<b>570884</b>	Prof Chris G Maher Dr Michele Sterling Prof Gwen A Jull A/Pr Jane Latimer Prof Luke B Connelly	A promising new treatment for chronic whiplash	\$598,025

## University of Sydney

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<b>570885</b>	Dr Anthony W Ashton	Intercellular communication regulates blood vessel formation	\$449,500
<b>570886</b>	Dr Catherine Sherrington A/Pr Lindy M Clemson Prof Stephen R Lord Dr Kirsten Howard Dr Anne M Mosley Dr Constance M Vogler	Exercise self-management to improve long-term functioning and prevent falls after hip fracture.	\$809,875
<b>570890</b>	Dr Miriam S Welgampola Prof Michael Halmagyi Dr Richard C Fitzpatrick Prof Brian L Day	A test of balance pathways to the trunk and limbs	\$239,250
<b>570891</b>	A/Pr Katrina A Jolliffe Prof Tania C Sorrell Dr Julianne T Djordjevic A/Pr David H Ellis	Targeting Fungal Phospholipid Metabolism for Antifungal Drug Discovery	\$795,750
<b>570893</b>	Prof Michael L Friedlander A/Pr Madeleine T King Dr Mary C Gainford Prof Amit - Oza Dr Patrick E Fitzgerald	Does palliative chemotherapy palliate?	\$502,250
<b>570894</b>	Prof Michael A Quinn Dr Linda R Mileskin Dr Pearly YL Khaw Dr Carien L Creutzberg Prof Michael L Friedlander Dr Mary C Gainford	PORTEC-3	\$443,125
<b>570897</b>	Dr Adam J Guastella Prof Stewart L Einfeld Dr Nicole J Reinhart Dr Kylie Gray Prof Timothy J Lambert Prof Bruce J Tonge	Effects of Oxytocin in Young People with Autism	\$185,400
<b>570903</b>	Dr Jane B Ford Dr Christine L Roberts A/Pr Robert D Herbert Prof Jonathan M Morris Dr Camille H Raynes-Greenow Mr Charles S Algert	Triggers for preeclampsia.	\$199,500
<b>570907</b>	Dr Janette Vardy Ms Haryana M Dhillon Dr Hidde van der Ploeg Prof John R Zalcberg Prof Kerry S Courneya Prof Ralph M Meyer	CHALLENGE: Colon Health And Life Long Exercise ChaNGE	\$2,418,375

## University of Sydney

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<b>570912</b>	Prof Roger A.L. Dampney Dr Jouji Horiuchi	Stress, hypertension and brain control of circulation	\$543,750
<b>570917</b>	Dr Stuart G Turville	HIV replication and exit within infected dendritic cells	\$426,990
<b>570919</b>	Prof Guy B Marks Dr Brett G Toelle Prof Stephen R Leeder A/Pr Chris T Cowell Dr Euan R Tovey Dr Catarina ES Almqvist	Asthma in adolescents	\$783,875
<b>570920</b>	Prof J rgen M G tz Dr Lars M Ittner	Tau pathology in Alzheimer's disease	\$284,250
<b>570921</b>	A/Pr Christopher B Little A/Pr Christopher J Jackson	Cartilage degradation mechanisms in arthritis	\$431,000
<b>570922</b>	A/Pr Christopher B Little Dr Margaret M Smith Prof David H Sonnabend Dr Richard C Appleyard Dr James Melrose Prof Stephen Hunyor	Treating tendon disease	\$659,500
<b>570926</b>	Dr Yue-kun Ju Prof David Allen Prof Mark B Cannell	TRPC and sinoatrial node ageing	\$370,125
<b>570930</b>	Dr William D Phillips Dr Stephen W Reddel Dr Peter G Noakes	How are synapses lost in muscle and does this contribute to the loss of strength with age?	\$576,000
<b>570933</b>	Prof Michael Murray	Fatty acid metabolites that protect or kill cells	\$476,250
<b>570937</b>	Prof David G Le Couteur Dr Victoria C Cogger Dr Michel Lebel Prof Ronald J Quinn Dr Sarah N Hilmer Prof Robert S McCuskey	OLD AGE AND THE LIVER ENDOTHELIUM	\$783,500
<b>570942</b>	Dr Hala Zreiqat A/Pr Colin R Dunstan	Better anchorage of joint replacements	\$430,125
<b>570946</b>	Dr Hong Zhou Prof Markus J Seibel A/Pr Di Chen A/Pr Colin R Dunstan	How Osteoblasts Control Mesenchymal Progenitors	\$425,875
<b>570951</b>	Prof Des R Richardson Dr Yohan Suryo Rahmanto	Role of MTF in Melanoma Tumourigenesis	\$541,250

## University of Sydney

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>570952</b>	Prof Des R Richardson Dr Danuta S Kalinowski Dr David B Lovejoy Prof Paul V Bernhardt	Iron Chelators as Anti-Tumour Agents	\$563,500
<b>570957</b>	Dr Ian P Blair Prof Garth A Nicholson Prof Simon H Hawke	The role of TDP-43 in ALS	\$455,375
<b>570959</b>	Dr Alexandr Klistorner Dr Stuart Graham Dr Hemamalini Arvind	Optimising the detection of early glaucoma.	\$456,750
<b>570962</b>	Dr Barry Slobedman Prof Edward S Mocarski	How does cytomegalovirus persist in the human population	\$758,750
<b>570963</b>	Prof Colin E Sullivan Prof Warwick B Giles Prof Annemarie Hennessy	Sleep disordered breathing in pregnancy	\$583,250
<b>570967</b>	Dr Timothy A Brighton Prof John R Simes Prof John W.A. Eikelboom Prof Alexander S Gallus Prof Giancarlo Agnelli Prof Ajay K Kakkar	Aspirin to prevent recurrent deep vein thrombosis or pulmonary embolism	\$1,916,600
<b>570968</b>	Dr Sarah N Hilmer Dr Brett Jones Dr Victoria C Cogger Dr Rafael C de Cabo	Hepatic Drug Clearance and Drug Induced Liver Disease in Ageing	\$558,750
<b>570982</b>	Dr R. M. Damian Holsinger	Regulating the Alzheimer's disease-related protein, BACE1	\$277,000
<b>570995</b>	Dr Beric R Henderson	Regulation of beta-catenin location and function	\$491,500
<b>570998</b>	Dr Allison D Abendroth Prof Ann M Arvin	How does varicella zoster virus infect human ganglionic cells?	\$491,250
<b>571002</b>	Dr Stuart J Cordwell A/Pr Brett D Hambly	Phosphoproteomics of ischemic heart disease	\$355,050
<b>571010</b>	A/Pr Robert J Vandenberg Dr Renae M Ryan	Drug Binding Sites on Glycine Transporters	\$478,500
<b>571012</b>	Prof Paul Mitchell Dr Aravinda Thiagalingam A/Pr Pramesh Kovoov Dr Gerald Liew Ms Elena Rohtchina	The Australian Heart Eye Study (AHES)	\$605,200
<b>571013</b>	Prof Paul Mitchell Prof Ian Constable Ms Pamela A McCaskie Ms Elena Rohtchina	Genes and Environment in Late AMD: Pooling a State and Population Resource	\$678,238

## University of Sydney

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>571014</b>	Prof Georges E Grau Dr ANGELES SANCHEZ-PEREZ	"Brain endothelial cell membrane stabilisation and its involvement in cerebral malaria"	\$344,250
<b>571024</b>	Prof Nicholas H Hunt Dr Helen J Ball A/Pr Cheryl A Jones Prof Iain S McGregor	Disease in bacterial meningitis	\$453,000
<b>571028</b>	Dr Neville Firth Dr Maria A Schumacher Dr Slade O Jensen Prof Ronald A Skurray	Movement of DNA in a bacterial pathogen	\$294,500
<b>571029</b>	Dr Neville Firth Dr Stuart J Cordwell Dr Stephen M Kwong	DNA replication in a bacterial pathogen	\$299,500
<b>571031</b>	A/Pr Carolyn Sue Prof Alan Mackay-Sim A/Pr David R Thorburn	Effects of mutational load in MELAS	\$486,000
<b>571040</b>	Prof Nicholas JC King Dr Shane R Thomas	Can the enzymes,IDO and NOS2 co-operate to kill sexually transmitted viruses in vivo?	\$551,250
<b>571044</b>	Dr Sarah J Lord Dr Robert YM Chen	Guidelines for designing and appraising studies investigating the impact of a diagnostic test on patient management	\$128,638
<b>571045</b>	A/Pr Alan Cass Dr Vlado Perkovic Dr Kirsten Howard A/Pr John W McD Agar A/Pr Carmel Hawley Prof Peter G Kerr	ACTIVE Dialysis	\$1,248,175
<b>571047</b>	A/Pr Alan Cass Dr Vlado Perkovic Dr Rachel Huxley Prof Colin Baigent Dr Adeera Levin	Erythropoiesis Trialists Collaboration	\$104,750
<b>571053</b>	A/Pr Helen K Reddel Prof Susan M Sawyer Prof Timothy P Usherwood Dr Lorraine D Smith	Optimising medication adherence in general practice	\$443,433
<b>571054</b>	Prof Andrew J McLachlan Dr Vasi Naganathan Prof David G Le Couteur Dr Sarah N Hilmer A/Pr Stephen J Gibson	Pain control in older people	\$393,750
<b>571063</b>	Dr Aravinda Thiagalingam	Use of a endoscopic catheter to guide catheter treatment of heart rhythm disorders	\$405,125

## University of Sydney

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>571070</b>	Prof Phillip J Robinson Dr Mark E Graham	Molecular mechanisms of synaptic transmission	\$523,500
<b>571073</b>	A/Pr Tracy M Bryan Dr Scott B Cohen	Structure of human telomerase	\$618,500
<b>571076</b>	Prof Phillip J Robinson A/Pr Adam McCluskey A/Pr Terence J O'Brien	Two new targets for antiepileptic drug development	\$868,000
<b>571287</b>	Dr Nigel F CLARKE Prof Kathryn N North Dr Biljana ILKOVSKI	A study on the disease patterns and cause of weakness in congenital fibre type disproportion, a genetic muscle disorder	\$254,250
<b>571309</b>	Prof William O Tarnow-Mordi A/Pr Nick Evans Prof John P Newnham A/Pr David A Osborn Prof David Isaacs A/Pr Karen Simmer	Australian Placental Transfusion Study (APTS)	\$2,696,700
<b>571318</b>	Prof John D Pollard Dr Min-Xia Wang	The Mechanism of Action of IVIg in Inflammatory Neuropathy	\$434,700
<b>571322</b>	A/Pr Nicholas Lintzeris Dr Stefanie Y Leung Dr Michael G Lenn Prof PAUL S HABER	Prescription Drugs and Driving	\$476,913
<b>571328</b>	Prof Stephen J Simpson Prof David G Le Couteur A/Pr David Raubenheimer Prof J. William O Ballard	Nutrition and Ageing	\$939,050
<b>571329</b>	Prof Jonathan M Morris Prof Eileen D Gallery Dr Anthony W Ashton	Human trophoblast invasion	\$388,350
<b>571343</b>	Prof David C Harris Dr Stephen I Alexander Dr Yiping Wang Dr Yuan Min Wang	DNA vaccination for chronic kidney disease	\$432,750
<b>571346</b>	Prof Phyllis N Butow Prof Martin HN Tattersall Dr Josephine M Clayton A/Pr Jane M Young Prof Patricia M Davidson Prof Ronald M Epstein	Improving quality of life at the end of life.	\$660,800
<b>571354</b>	A/Pr Deidre A Carter A/Pr Ben R Herbert A/Pr Elizabeth J Harry Dr Mark B Krockenberger	Fungal proteins important in animal infection	\$536,500

**NSW****University of Technology Sydney**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>571901</b>	Prof Sally K Tracy Prof Maralyn J Foureur Prof Lesley M Barclay Dr Mark B Tracy Ms Mary Kensington Prof Alec Welsh	EMU	\$660,125
<b>571917</b>	Prof John P Dalton Dr Sheena McGowan Dr Donald Gardiner	A path to new anti-malarial drug discoveries by understanding enzyme structure	\$608,750

**University of Western Sydney**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>573106</b>	Prof Rhonda D Griffiths Ms Ritin S Fernandez A/Pr Mary-Louise McLaws Mr Geoffrey Sussman Dr Jeffrey T Rowland	Tap water vs normal saline for cleansing wounds	\$583,250
<b>573111</b>	Prof Nikolaus J Sucher	Investigations of how estrogen and estrogen-like compounds from plants protect nerve cells from injury and death	\$284,250
<b>573113</b>	Prof Louisa Jorm Prof Alastair H Leyland Dr Timothy R Churches Dr Mary M Haines Prof Sandra J Eades Ms Sanja Lujic	Individual-, area- and service-level contributions to Indigenous health outcomes	\$469,000

**University of Wollongong**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>573401</b>	Prof Mark J. Walker Prof Victor Nizet	Does viral reprogramming cause group A streptococcal invasive disease?	\$792,500
<b>573406</b>	Dr Jason D McArthur	Characterisation of streptokinase polymorphism in Streptococcus pyogenes	\$461,500
<b>573426</b>	Prof Xu-Feng Huang Dr Kelly A Newell	NMDA receptor/neuregulin1 signalling in response to phencyclidine administration	\$417,750
<b>573428</b>	Prof Anatoly B Rozenfeld Prof Tomas Kron Dr Max Conway Dr Michael LF Lerch Prof Peter E Metcalfe Dr Martin G Carolan	High spatial resolution dosimetry for radioactive plaques used for radiotherapy of eye lesions	\$344,250
<b>573430</b>	A/Pr Robert MI Kapsa Prof Gordon G Wallace Prof David L Officer Dr Anthony J Penington	Polymers for Skeletal Muscle	\$506,500

**Victor Chang Cardiac Research Institute**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
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**NSW****Victor Chang Cardiac Research Institute**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>573703</b>	Prof Richard P HARVEY A/Pr Sally L Dunwoodie	Genetic pathways in heart development and congenital heart disease	\$1,252,875
<b>573707</b>	Dr Owen PRALL	The embryonic origins of the coronary circulation	\$640,125
<b>573709</b>	A/Pr Peter D CURRIE Dr Thomas E HALL	Zebrafish models of muscular dystrophy.	\$471,000
<b>573712</b>	Dr Daniela Stock	Understanding biological energy conversion and its role in disease	\$396,375
<b>573714</b>	A/Pr Jamie I Vandenberg Prof Terence J Campbell	Drug binding to hERG K+ channels	\$381,375
<b>573715</b>	A/Pr Jamie I Vandenberg	Trafficking of HERG K+ Channels	\$464,625
<b>573726</b>	A/Pr Thomas Preiss	microRNA and gene regulation	\$544,500
<b>573731</b>	A/Pr Thomas Preiss Dr Traude H Beilharz	Finding the mRNAs bound by miRNAs	\$279,250

**NT****Menzies School of Health Research**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>545202</b>	Dr Louise Maple-Brown Dr Paul D Lawton Prof Wendy E Hoy A/Pr Alan Cass Prof George Jerums Dr Richard Maclsaac	eGFR in Indigenous Australians	\$926,200
<b>545203</b>	Dr David P Thomas Dr Vanessa Johnston Dr Ngiare J Brown Prof Anne B Chang Dr Cathy J Segan	A study of a family-centred smoking control program to reduce respiratory illness in Indigenous infants	\$864,875
<b>545207</b>	Dr Julie Brimblecombe Prof Ross S Bailie Ms Leisa M McCarthy A/Pr Jan E Ritchie A/Pr John Coveney Ms Vivienne J Hobson	Building capacity to improve food systems for better food security	\$1,537,450
<b>545220</b>	Dr Deborah C HOLT Dr Shelley F Walton Dr Bo Yang BAKER Prof Ben M DUNN	Towards novel therapies for scabies: analysis of aspartic proteases.	\$315,150
<b>545223</b>	Dr Amanda J Leach Prof Anne B Chang Dr Allen C Cheng Dr Malcolm McDonald A/Pr Paul J Torzillo Dr Ngiare J Brown	Is long term weekly azithromycin use for bronchiectasis in Indigenous children associated with antibiotic resistance?	\$384,875

**NT****Menzies School of Health Research**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>545224</b>	Prof Jonathan R Carapetis Prof Alison Elliott A/Pr Garth Alperstein A/Pr Ross M Andrews Prof William R Louden Mrs Georgie Nutton	Child health, education and development in mobile preschool	\$442,275
<b>545228</b>	A/Pr Geoffrey K Isbister A/Pr Simon GA Brown	The redback spider antivenom evaluation II (RAVE-II) study	\$439,000
<b>545232</b>	Dr Amanda J Leach Dr Heidi C Smith-Vaughan A/Pr Ross M Andrews Prof Thomas V Riley Ms Kerry-Ann O'Grady	Monitoring changes in bacterial pathogens in communities	\$751,150
<b>545233</b>	A/Pr Ross M Andrews Prof Jonathan R Carapetis Dr Carl Kirkwood Dr Rob Roseby Dr Thomas L Snelling	TROVE: Territory ROTavirus Vaccine Effectiveness study	\$449,925
<b>545234</b>	Prof Jonathan R Carapetis Prof Bart J Currie Dr Malcolm McDonald A/Pr Ross M Andrews Dr Steven Y Tong	Looking for better treatments for impetigo in Aboriginal children	\$1,268,925

**QLD****Bond University**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>527502</b>	Prof Russell Chess-Williams Prof Elizabeth Burcher A/Pr Kate H Moore Dr Kylie J Mansfield Prof David Grundy	How does ATP signal bladder fullness and how does this go wrong?	\$433,800

**Central Queensland University (CQU)**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>529309</b>	Prof Jennelle M Kyd Dr Margaret Cooley	A novel strategy for targeting Pseudomonas aeruginosa lung infections	\$434,000

**Griffith University**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>536508</b>	A/Pr Rod S Barrett Dr Glen Lichtwark A/Pr Andrew G Cresswell Dr Peter M Mills A/Pr Graham K Kerr	Ageing, falls and balance recovery	\$571,595

**QLD****Griffith University**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>536518</b>	Prof Lyn R Griffiths Dr Rod A Lea Dr Harald H Goring Dr Joanne E Curran Prof John Blangero	Whole genome expression analysis for CVD risk trait gene mapping in the Norfolk population	\$671,500
<b>536564</b>	Prof Allan W Cripps A/Pr Caroline A Smith A/Pr Peter K Smith	Acupuncture and immunity	\$367,650

**James Cook University**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>540403</b>	Prof Jonathan Golledge Dr Catherine Rush Prof Paul Norman A/Pr Heinrich Korner Prof Jurg Ott A/Pr Lajos Gera	inflammatory proteins and weakened arteries	\$439,745
<b>540404</b>	Prof Jonathan Golledge Prof Paul Norman Dr Catherine Rush A/Pr Philip J Walker Prof Ronald L Dalman Prof Jurg Ott	obesity and artery weakening.	\$487,500
<b>540405</b>	Prof Jonathan Golledge Dr Catherine Rush Prof Paul Norman Prof Jurg Ott	association of a novel protein and cardiovascular events	\$319,250
<b>540409</b>	Prof Geoffrey P Dobson Mrs Donna M Rudd	An improved preservation solution for heart transplantation	\$471,000
<b>540419</b>	A/Pr Natkunam Ketheesan Prof Madeleine W Cunningham	Proteins That Trigger Rheumatic Heart Disease	\$360,125

**Mater Medical Research Institute Ltd**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>543704</b>	A/Pr Michael A McGuckin A/Pr Philip Sutton Dr Alison L Every Dr Sara K Linden A/Pr Victoria Korolik	Mucins in Infection and Inflammation	\$568,500
<b>543706</b>	Dr Ingrid G Winkler A/Pr Jean-Pierre Levesque	Manipulation of Haematopoietic stem cell niches to improve their clinical use	\$418,200

**Queensland Institute of Medical Research**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>552402</b>	Dr Amanda B Spurdle Prof Douglas F Easton	Identifying genetic variants that are associated with increased risk of endometrial cancer in the general population	\$1,035,200

## Queensland Institute of Medical Research

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>552407</b>	Dr Katharine R Trenholme Prof John P Dalton Dr Donald L Gardiner Dr Chris L Brown	Analysis of a P falciparum animopeptidase	\$590,250
<b>552412</b>	Dr Daniel F Wallace	Non-HFE haemochromatosis	\$174,500
<b>552414</b>	Dr Patricia Valery Dr Vanessa Beesley A/Pr Gail Garvey A/Pr Anna L Hawkes A/Pr Jacinta Elston	Indigenous People and Cancer Survivorship	\$520,263
<b>552419</b>	Dr David Harrich Prof Monsef Benkirane	Tat Trafficing in Cells	\$475,200
<b>552423</b>	Dr Denise L Doolan Dr Philip L Felgner	Protein Microarrays for Cross-Species Malaria Vaccine Development	\$434,250
<b>552430</b>	Prof Gregory J Anderson Dr David M Frazer A/Pr Christopher D Vulpe	Iron metabolism in the perinatal period	\$506,250
<b>552438</b>	Dr Graeme J Walker E/Pr H K Muller	Individual susceptibility to UVR-induced melanoma	\$531,750
<b>552445</b>	Prof Emma Whitelaw Dr Suyinn Chong	Finding the genes involved in the epigenetic control of gene expression in mammals	\$1,298,750
<b>552469</b>	A/Pr Maher K Gandhi A/Pr David S Ritchie	Adoptive Immunotherapy for Lymphoma	\$312,000
<b>552471</b>	Dr Dale R Nyholt Dr Susan A Treloar	Genetic analysis of migraine in women with endometriosis	\$310,450
<b>552472</b>	A/Pr Kum Kum Khanna Dr Derek J Richard	SSB1 and DNA damage response	\$622,000
<b>552473</b>	Dr Vicki LJ Whitehall Prof Barbara A Leggett	Tubulovillous Adenomas in Bowel Cancer	\$284,250
<b>552475</b>	A/Pr Geoffrey R Hill Dr Andrew D Clouston Prof Robert S Negrin	IL-17 in bone marrow transplantation	\$521,250
<b>552477</b>	Prof Nicholas K Hayward	Characterizing genetic changes leading to melanoma development	\$389,500
<b>552482</b>	Dr John B Whitfield Dr Penelope A Lind Prof Andrew C Heath	Genetics of Alcohol and Nicotine Addiction	\$846,000
<b>552485</b>	Prof Nicholas G Martin Dr Richard A Sturm	Pigmentation genes and melanoma risk	\$906,900

**Queensland Institute of Medical Research**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>552489</b>	Prof Andrew W Boyd Prof Brent A Reynolds A/Pr David Walker	New therapies for brain tumours.	\$387,750

**Queensland University of Technology**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>553003</b>	A/Pr Katrina L Schmid A/Pr Mary Collins (Chebib) Dr Jane R Hanrahan	GABAergic mechanisms in eye growth	\$305,850
<b>553012</b>	Dr Andrew L Fielding A/Pr Bryan H Burmeister Dr Phil Evans Dr Peter B Greer Prof Peter E Metcalfe Dr Jamie V Trapp	Improving patient outcomes of radiotherapy treatments	\$365,375
<b>553020</b>	Dr Wilhelmina M Huston Prof Peter Timms	Stress response proteases role for Chlamydia trachomatis	\$373,500
<b>553026</b>	Prof Peter Timms Prof Ken W Beagley A/Pr Louise M Hafner Prof Kyle H Ramsey	Towards a Chlamydia vaccine for females: protection against transmission and disease pathology	\$309,250
<b>553028</b>	Prof Zee Upton Dr David I Leavesley Dr Kerry Manton	Improved culture of cells for human therapies	\$264,250
<b>553038</b>	Dr Damien G Harkin Prof Traian V Chirila Prof Dietmar W Hutmacher Prof Ivan R Schwab	Development of a novel material for repairing the eye.	\$323,125
<b>553045</b>	Prof Judith A Clements Prof Dietmar W Hutmacher Dr Ying Dong A/Pr Viktor Magdolen	Kallikrein proteases and ovarian cancer	\$783,750
<b>553055</b>	Prof Ken W Beagley Prof Peter Timms Dr Eileen A McLaughlin Prof Charles R Wira	Towards a Chlamydia vaccine for males: The key role of mucosal IgA	\$401,750
<b>553059</b>	Prof David J Kavanagh Dr Britt Klein Dr David W Austin Dr Judith Proudfoot Dr Frances J Kay-Lambkin Dr Jason Connor	A new online intervention for treating depression and alcohol misuse	\$684,220

**The Cancer Council Queensland**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
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**The Cancer Council Queensland**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>561700</b>	Dr Peter D Baade A/Pr Gavin Turrell A/Pr Joanne F Aitken	Reasons for area-level inequalities in colorectal cancer survival	\$374,500

**University of Queensland**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>569500</b>	Dr Massimo A Hilliard	Discovery of nerve degeneration genes using a simple animal model system ( <i>C. elegans</i> )	\$491,250
<b>569504</b>	A/Pr Linda J Richards	Development of the cerebral cortex	\$506,250
<b>569507</b>	Dr Elizabeth J Coulson	Mechanisms of Alzheimer's disease degeneration	\$607,500
<b>569525</b>	Prof Julie H Campbell Dr Anita C Thomas Dr Zhiping G Xu Prof Max GQ Lu	Targeted delivery of anti-restenotic agents using antibodies and novel inorganic nanoparticles	\$314,250
<b>569528</b>	Prof John J McGrath Dr Darryl W Eyles Dr Thomas HJ Burne Prof Emma Whitelaw	How does having an older father alter brain development?	\$481,250
<b>569532</b>	A/Pr Mark A Bellgrove Dr Robert L Hester Prof Jason B Mattingley A/Pr Pradeep J Nathan	Neural bases of executive control	\$274,250
<b>569533</b>	A/Pr Mark A Bellgrove A/Pr Ross Cunnington A/Pr Alasdair L Vance Dr Helen S Heussler	Imaging genetics of ADHD	\$309,250
<b>569535</b>	Dr Brad J Marsh Prof Brian Storrie	Correlative studies of Golgi membrane traffic in mammalian cells	\$618,000
<b>569539</b>	A/Pr Adrian B Kelly Prof Robert J McMahon A/Pr Annemaree Carroll Dr Michele Haynes	Helping parents of teenagers at risk of alcohol/tobacco-related harm: A brief prevention program.	\$306,750
<b>569543</b>	Prof Jennifer L Stow	Polarized cytokine secretion	\$905,250
<b>569560</b>	Prof Jennifer L Martin Prof David E James Dr Jingshi Shen Prof James E Rothman	Understanding how fat cells control glucose uptake	\$576,750
<b>569564</b>	Dr John M Power	How Acetylcholine Affects the Signalling Molecule Calcium in the Amygdala: Implications for Anxiety Disorders	\$255,000
<b>569574</b>	Prof Pankaj Sah Prof Perry F Bartlett	Roles of new born cells in the adult amygdala	\$538,500

## University of Queensland

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>569591</b>	Prof Martin M Lavin Dr Sergei Kozlov Dr Mark E Graham	Activation of the protein kinase ATM	\$533,750
<b>569595</b>	Prof David P Fairlie	Finding new antiinflammatory and anticancer drugs that bind to the surfaces of human cells	\$710,250
<b>569605</b>	A/Pr Peter S Davies A/Pr Roslyn N Boyd Dr Kristie Bell Prof Richard D Stevenson Dr Sean M Tweedy	Longitudinal growth and physical activity in Cerebral Palsy	\$648,000
<b>569611</b>	Dr John A Duley A/Pr Bruce Charles Dr Catherine N Shannon A/Pr Ross Norris A/Pr Leslie Sheffield Prof Peter M George	Predicting drug toxicity	\$218,500
<b>569618</b>	Dr David G Simmons	Understanding trophoblast invasion in mice: modeling human placental development and disease	\$355,125
<b>569635</b>	Dr Barbara E Lingwood Prof Paul B Colditz E/Pr Eugenie R Lumbers A/Pr Nicholas J Evans A/Pr David A Osborn	Low systemic blood flow in preterm infants	\$758,750
<b>569636</b>	A/Pr Mark A Bellgrove Prof Jason B Mattingley A/Pr Alasdair L Vance Prof David A Hay Dr Helen S Huessler Dr Robyn H Wallace	The genetics of cognition in ADHD	\$648,750
<b>569638</b>	A/Pr Helen M Cooper Prof Brent A Reynolds	Neogenin controls development of the embryonic brain	\$506,250
<b>569639</b>	Prof Thomas J Gonda	Understanding how the Myb cancer gene acts in blood cell formation and leukaemia	\$491,250
<b>569645</b>	A/Pr Gregory R Monteith Dr Sarah J Roberts-Thomson Dr Marie-Odile Parat Dr Peter T Simpson	Exploiting the way in which calcium enters the breast cancer cell as a potential cancer therapy	\$382,750
<b>569648</b>	Dr Rohan D Teasdale Prof Jennifer L Stow Dr Markus C Kerr	Host pathogen interactions	\$471,250
<b>569652</b>	Prof Kirill Alexandrov	Understanding drug induced changes in protein prenylation	\$543,750

## University of Queensland

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>569660</b>	Prof Justin A Kenardy Dr Vanessa E Cobham Dr Reginald DV Nixon Prof Brett M McDermott	Treating children with PTSD following an accidental injury: A multi-site RCT.	\$346,425
<b>569662</b>	Dr Angus S Harding Prof Brent A Reynolds A/Pr Brian G Gabrielli	Brain Cancer Stem Cells	\$349,500
<b>569665</b>	Prof David V Pow Prof Jan M PROVIS Prof Steve M Taylor Dr Nigel L Barnett Dr Trent M Woodruff Dr Anthony Kwan	Using a unique model of human retinal disease to test novel therapies	\$516,250
<b>569666</b>	Prof David V Pow Prof Phil Poronnik Prof Paul B Colditz	Investigating a protein that allows identification of distressed nerve cells in the brain	\$506,250
<b>569669</b>	Dr James E Sharman A/Pr Michael Stowasser	A study to determine the clinical value of measuring central blood pressure in patients with hypertension	\$326,525
<b>569674</b>	Dr Glen C Ulett	ANTI-BACTERIAL IMMUNITY IN THE URINARY TRACT	\$362,500
<b>569676</b>	A/Pr Mark A Schembri Prof Per Klemm	Urinary tract infections caused by Escherichia coli	\$444,938
<b>569680</b>	Dr Peter G Noakes Dr Nickolas A Lavidis	The role of laminins in the organization of nerve muscle contacts	\$533,750
<b>569682</b>	Prof Leonard C Gray A/Pr Caroline A Brand Prof John Morris A/Pr Richard N Jones Dr Olivia Wright	Development of Quality Indicators for the frail elderly in acute care	\$362,125
<b>569688</b>	Prof Leonard C Gray Prof Steven R Counsell Prof Helen E Edwards Ms Melinda Martin-Khan Prof Richard Wootton A/Pr Peteris J Darzins	Online Geriatric Assessment	\$335,170
<b>569689</b>	A/Pr Nicholas A Saunders	how squamous cancers form	\$503,625
<b>569693</b>	Prof Steve M Taylor Dr Trent M Woodruff A/Pr Leonie K Callaway Prof Richard H Finnell	Inflammation of the womb during pregnancy and reproductive consequences	\$967,750

## University of Queensland

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>569694</b>	Prof Rod F Minchin Prof Michael S Roberts Dr Darren J Martin Dr Suzanne V Smith A/Pr Michael J Monteiro A/Pr Lawrence R Gahan	Toxicology of Nanomaterials	\$1,811,547
<b>569695</b>	Prof Rodney F Minchin Dr Neville J Butcher	Novel target for new cancer treatemnt	\$456,250
<b>569698</b>	A/Pr Pamela A McCombe Dr Robert D Henderson Prof Anthony N Pettitt Dr Gareth R Ridall Dr Mark C Bellingham	Assessment of disease progression in MND	\$461,250
<b>569703</b>	Dr Luke W Guddat Prof Antonin Holy Prof Ian M Brereton Prof Lieve Naesens E/Pr John de Jersey Dr Tina S Skinner-Adams	Discovery of new anti-malarial drugs	\$412,500
<b>569710</b>	Prof Michael S Roberts Prof Michael Weiss A/Pr Graeme Macdonald Dr Jonathan Fawcett A/Pr Luis Vitetta Dr Linda M Fletcher	Pharmacodynamics in Liver Disease and in Liver Surgery	\$865,777
<b>569713</b>	A/Pr Carol A Wicking	Analysis of mouse models of limb and face skeletogenesis	\$392,750
<b>569719</b>	Prof Perry F Bartlett Prof Pankaj Sah Prof Andrew W Boyd	Can we stimulate hippocampal neural precursors to improve brain functions?	\$760,500
<b>569720</b>	Prof Alastair G McEwan Prof Michael P Jennings Prof James C Paton	How pneumococcus causes blood poisoning	\$548,750
<b>569726</b>	Prof Mark A Kendall Dr Germain J Fernando Prof Lorena E Brown	Nanopatch immunisation against influenza	\$491,250
<b>569728</b>	Prof Philip Poronnik Dr Greg H Tesch	Protein handling by the healthy and diseased kidney	\$546,500
<b>569729</b>	Prof Philip Poronnik Prof Joseph R Casey	A novel drug target for kidney disease	\$370,125
<b>569734</b>	A/Pr Daniel Markovich	Control of sulfate levels in the body	\$426,000
<b>569735</b>	Dr Matthew J Sweet Prof David P Fairlie	Using anti-cancer drugs to treat inflammatory disease	\$558,750

**QLD****University of Queensland**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>569737</b>	Prof Michael P Jennings	Role in disease and vaccine potential of cell surface o-linked glycoproteins in pathogenic Neisseria.	\$498,500
<b>569741</b>	Prof George E O Muscat	Regulation of metabolism..	\$558,750
<b>569742</b>	Prof George E O Muscat	Regulation of metabolism in skeletal muscle.	\$437,750
<b>569744</b>	Prof Paul Hodges Dr Kylie J Tucker Dr Jane E Butler Prof S Jayne Garland A/Pr Andrew G Cresswell	Why do we move differently in pain?	\$401,250
<b>569755</b>	Prof Ranjeny Thomas Dr Dennis H Dowhan	Understanding the control of immune regulation to improve treatment of autoimmune disease	\$506,250
<b>569822</b>	Prof Nicholas M Fisk A/Pr George Bou-Gharios A/Pr Kiarash Khosrotehrani	How fetal cells that persist after pregnancy repair damaged tissues in women.	\$521,250
<b>569826</b>	Dr Stella T Bj rkman	Pathways to injury and protection in the developing brain	\$526,500
<b>569827</b>	Dr Mark C Bellingham Dr Peter G Noakes	Hyper-excitability in motor neuron disease	\$536,500
<b>569829</b>	Prof Matthew A Brown Prof Huji Xu Dr David Evans	MHC Genetics of AS	\$547,263
<b>569830</b>	Prof Matthew A Brown Prof Huji Xu Dr Gethin Thomas	IL23R and Ankylosing Spondylitis	\$521,750
<b>569832</b>	Dr Michele Sterling Prof Bill (Guglielmo) T Vicenzino Dr Tina Souvlis Prof Luke B Connelly	Dry-needling, advice and graded exercise for chronic whiplash	\$297,875

**SA****CSIRO Human Nutrition**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>578800</b>	Dr Vanessa Danthiir Prof Carlene Wilson Prof Theodore J Nettelbeck A/Pr Nicholas R Burns Prof Peter M Clifton	The effect of Omega-3 fatty acids on cognitive ageing in the elderly	\$714,250

**Flinders University**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>535000</b>	Prof Keryn A Williams Dr Helen M Brereton Prof Douglas J Coster Dr Sonja Klebe	Gene therapy of the cornea	\$494,250
<b>535025</b>	Prof William W Blessing	The amygdala and going pale with fright	\$443,625

## Flinders University

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
535033	Dr Nicholas J Spencer Prof Simon JH Brookes Dr Vladimir P Zagorodnyuk	Pain pathway following rectal distension	\$545,250
535034	Dr Nicholas J Spencer Prof David A Wattchow	Constipation in the elderly	\$355,125
535041	Prof Fran E BAUM Prof Ronald - LABONTE Prof David M SANDERS A/Pr David - LEGGE Ms Gwyn - JOLLEY Ms Angela - LAWLESS	Evaluating the effectiveness of comprehensive primary health care in local communities	\$1,542,000
535044	A/Pr Jamie E Craig Dr Shiwani Sharma A/Pr Nicolas H Voelcker Dr Kathryn P Burdon A/Pr David A Mackey Prof Matthew A Brown	Molecular basis of pseudoexfoliation syndrome	\$472,250
535053	Dr Melissa H Brown Prof Ian T Paulsen	Acinetobacter multidrug resistance	\$528,500
535055	Dr Rainer V Haberberger Dr Michael Z. Michael Prof Ian L Gibbins	Sphingosine 1-phosphate and peripheral nociception	\$271,750
535074	A/Pr Jamie E Craig Dr Stuart Macgregor A/Pr David A Mackey Dr Alex W Hewitt Dr Jac C Charlesworth Dr Kathryn P Burdon	A genome-wide association scan for glaucoma	\$587,500
535077	Dr Kathryn P Burdon A/Pr Jamie E Craig Dr Bang V Bui A/Pr David A Mackey A/Pr Ravi Savarirayan	Investigation of central corneal thickness in relation to glaucoma	\$288,000
535079	Dr Richard K Le Leu Dr David L Topping Prof Graeme P Young Dr Ying Hu	Effect of increased dietary protein on DNA damage and relationship with colorectal cancer risk	\$581,250
535080	Prof Ian L Gibbins Dr Rainer V Haberberger Prof Simon JH Brookes Dr Vladimir P Zagorodnyuk	Sensory nerves responsible for painful sensations from female genitalia	\$381,375
535081	Prof Ian L Gibbins	How hormones and nerves interact to control blood pressure	\$478,500

## Institute of Medical and Veterinary Science

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
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## Institute of Medical and Veterinary Science

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>539800</b>	Dr Michele A Grimbaldeston	Mast cells limit chronic UVB-induced skin pathology	\$493,250

## University of Adelaide

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>565004</b>	A/Pr Allison J Cowin Dr Ruth M Arkell	Function of Flightless I in wound healing	\$523,500
<b>565033</b>	Dr Patrick T Coates A/Pr Arthur R Kitching	Dendritic cells in the kidney	\$456,375
<b>565038</b>	Dr Benedetta C Sallustio Dr Janet K Coller A/Pr Raymond G Morris Prof Andrew A Somogyi	Transplant outcome in people with different genetic variability	\$344,250
<b>565073</b>	Prof John J Hopwood A/Pr Peter J Meikle Dr Maria Fuller Prof Douglas A Brooks Dr Caroline J Dean	NEWBORN SCREENING FOR GENETIC DISEASE	\$865,500
<b>565074</b>	Prof John J Hopwood Dr Kim M Hemsley Dr Allison C Crawley	Treating children affected by progressive brain disease	\$639,000
<b>565080</b>	Dr Sharon Byers Dr Janice M Fletcher	Development of an effective therapy for brain disease in MPS children.	\$353,475
<b>565081</b>	Dr Sharon Byers A/Pr Donald S Anson	Gene therapy for bone and cartilage disease in MPS.	\$368,625
<b>565170</b>	Prof Timothy P Hughes Prof Junia V Melo Dr Susan Branford Ms Deborah White	Predictive assays in resistant CML	\$472,200
<b>565176</b>	A/Pr Stan Gronthos Dr Simon A Koblar A/Pr Koichi Matsuo	Eph/ephrin Mediating Mesenchymal Stem Cell Bone Fracture Repair	\$556,500
<b>565186</b>	Dr Amanda J Page Prof L Ashley Blackshaw Prof Gary A Wittert	Gastric hormones and vagal afferent satiety signals	\$529,500
<b>565187</b>	Dr Peter Coyle Dr Allan M Rofe	Prenatal alcohol exposure results in fetal zinc deficiency which is a major cause of cognitive problems in offspring	\$267,000
<b>565192</b>	Prof Howard Morris Dr Paul H Anderson Dr Peter D O'Loughlin Dr Gerald J Atkins	Can bone-derived vitamin D regulate bone cell activity	\$588,375
<b>565202</b>	Dr John P Wood Dr Glyn Chidlow A/Pr Robert J Casson	The Role of Tau in the Pathological Retina	\$360,750

## University of Adelaide

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>565204</b>	Dr Mark A Guthridge Prof Timothy P Hughes	Deregulated cell survival in chronic myeloid leukaemia	\$408,000
<b>565210</b>	A/Pr Paul N Reynolds Dr Sandra J Hodge Prof Howard W Clark	Improving clearance of dead cells to treat chronic bronchitis and emphysema	\$390,600
<b>565212</b>	Dr Mark A Guthridge A/Pr Paul G Ekert	The regulation of cell survival	\$566,500
<b>565302</b>	Dr Michael C Ridding	Induction of human motor plasticity	\$327,750
<b>565311</b>	A/Pr Christine Feinle-Bisset Prof Michael Horowitz Prof Peter M Clifton Prof Thomas Rades A/Pr Karen L Jones A/Pr Christopher K Rayner	Lauric acid, a potential nutrient-based appetite suppressant	\$714,000
<b>565312</b>	A/Pr Christine Feinle-Bisset Prof Peter M Clifton Prof Michael Horowitz A/Pr Karen L Jones Prof Gary A Wittert	Effects of acute and longer-term dietary changes on gut function and appetite in lean and obese subjects	\$714,000
<b>565313</b>	Dr Wendy V Ingman	Macrophages in reproductive health	\$511,500
<b>565314</b>	A/Pr Simon C Barry Prof Frances Shannon A/Pr Richard D'Andrea Prof Heddy Zola	To identify markers and key genes required for regulatory T cell formation and function	\$523,750
<b>565319</b>	Dr Elizabeth A Beckett	Diabetes and the gastrointestinal tract	\$371,775
<b>565320</b>	A/Pr Claire T Roberts E/Pr Eugenie R Lumbers	Important factors that promote pregnancy success	\$476,250
<b>565321</b>	Dr David S Brennan	Insurance, use of dental services and oral health	\$195,625
<b>565327</b>	Prof Janet E Hiller Dr Adam G Elshaug A/Pr Annette J Braunack-Mayer A/Pr John R Moss Dr Janet L Wale Dr Heather A Buchan	Changing policy and practice in health care.	\$860,750
<b>565334</b>	Prof A John Spencer A/Pr Xueyan Zhao Dr Anne E Sanders Ms Lisa C Gold Dr Jane E Harford	Economic evaluation of the costs and benefits of options for publicly funded dental care provision in Australia	\$212,625

## University of Adelaide

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>565335</b>	A/Pr Robert A Fitridge Mrs Margaret Boulton Prof Jonathon Golledge Prof Guy J Maddern Prof Matthew M Thompson Ms Mary Barnes	Evaluating an decision-making model for EVAR	\$1,036,925
<b>565341</b>	Prof Peter M Bartold Dr David R Haynes Prof Malcolm Smith	Periodontal disease and rheumatoid arthritis	\$499,875
<b>565344</b>	Dr Julia B Pitcher Dr Michael C Ridding Prof Theodore J Nettelbeck E/Pr Jeffrey S Robinson	The neurophysiology of abnormal motor development in preterm children	\$461,500
<b>565347</b>	A/Pr Vicki L Clifton	Effect of asthma during pregnancy on placenta and fetus	\$216,550
<b>565353</b>	Prof Prashanthan Sanders Dr Anthony G Brooks Dr Glenn D Young	Efficacy of coronary sinus ablation for treatment of atrial fibrillation.	\$363,950
<b>565357</b>	Dr Andreas Evdokiou Prof David M Findlay A/Pr Andrew C Zannettino	Novel strategies for the treatment of bone cancer	\$441,000
<b>565359</b>	Dr Adrienne W Paton Prof James C Paton	LEE-negative STEC virulence factors	\$718,000
<b>565361</b>	Dr David R Haynes Dr Gerald J Atkins Prof Donald W Howie Dr Tania Crotti	Finding ways to make orthopaedic implants last longer	\$387,750
<b>565362</b>	Dr Loc G Do Prof A. John Spencer	Natural history of dental fluorosis	\$310,150
<b>565368</b>	A/Pr Sarah A Robertson A/Pr Alison J Quayle	Seminal fluid and reproductive health	\$491,250
<b>565372</b>	Dr Gerald J Atkins Prof David M Findlay Prof Lynda F Bonewald Dr Paul H Anderson	Osteocytes and bone health	\$491,250
<b>565377</b>	Dr Renato Morona	Shigella bacterial motility inside and between cells, and how it works	\$506,250
<b>565379</b>	Prof A. John Spencer Dr Loc G Do Dr Pingzhou Liu Mr Jason Armfield	Caries initiation	\$193,375
<b>565387</b>	Prof Andrew A Somogyi Dr Janet K Coller	Methadone response in people with different genetic variability	\$342,000

**SA****University of Adelaide**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>565402</b>	Prof Konrad Jamrozik Prof Jonathan Newbury Prof Maria Crotty A/Pr Deirdre J Whitford	Incidence and outcome of stroke in rural South Australia	\$704,428
<b>565403</b>	Prof Caroline A Crowther Prof Jane E Harding Mrs Philippa F Middleton Dr Chad Andersen E/Pr Jeffrey S Robinson	Which type of antenatal steroid prior to preterm birth is better for optimising child health at two years of age?	\$1,674,250
<b>565404</b>	Prof John D Horowitz A/Pr John F Beltrame Prof Joseph Selvanayagam Prof Michael P Frenneaux Prof Dimitrios Tsikas	Understanding Tako-Tsubo Cardiomyopathy	\$237,000
<b>565410</b>	Prof Jason M White Prof Theodore J Nettelbeck A/Pr Nicholas R Burns Prof Andrew A Somogyi	Cognitive effects of opioid drugs	\$380,275
<b>565415</b>	Prof Nigel Stocks A/Pr Philip Ryan Dr Philip A Tideman	Prevention of heart disease in families with a history of early onset heart disease	\$110,650
<b>565424</b>	Dr Kirk B Jensen Dr Belinda K Dredge	Gene regulation by HuB in zebrafish	\$524,250

**University of South Australia**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>570109</b>	A/Pr Maria Makrides Dr Beverly Muhlhausler Prof Robert A Gibson Prof Robyn McDermott Prof Linda C Tapsell	Prenatal n-3 LCPUFA and obesity prevention	\$1,383,750
<b>570111</b>	Prof Robyn McDermott Prof Garry J Egger Dr Margaret Cargo	The Torres Women's Fitness Trial	\$537,925

**TAS****Menzies Research Institute**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>544913</b>	Dr Roger CHUNG A/Pr Adrian K West Dr David Gell A/Pr Steve S Cheung	How does the LRP receptor megalin promote regenerative neuronal growth?	\$392,750
<b>544915</b>	Dr David Reid A/Pr Iain L Lamont Dr Louise F Roddam A/Pr Miguel Camara A/Pr Paul Turner	Cystic fibrosis exacerbations	\$245,750

**TAS****Menzies Research Institute**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>544920</b>	Prof David H Small A/Pr Helena C Parkington A/Pr Nam Sang (Steve) Cheung A/Pr Marie-Isabel Aguilar Dr Harold A Coleman	The cause of nerve degeneration in familial amyloidotic polyneuropathy	\$594,375
<b>544922</b>	A/Pr Bruce V Taylor Dr Ingrid AF van der Mei Dr Robin M Lucas Prof Alan Coulthard A/Pr Christopher Leigh Blizzard	Factors that predict the rate of progression following a first episode of multiple sclerosis.	\$689,575
<b>544923</b>	A/Pr Alison Venn Prof Terence Dwyer Prof George C Patton Dr Kristy A Sanderson Dr Sarah McNaughton Dr Seana L Paul	How do life-stage transitions and depression affect the risk of heart disease and diabetes in young adults?	\$349,700
<b>544925</b>	Prof James C Vickers Dr Tracey C Dickson	Nerve cell damage following traumatic brain injury	\$385,125
<b>544935</b>	Prof Mark R Nelson Dr Stephen J Quinn Dr Tania M Winzenberg	ABIDING	\$125,050

**VIC****Alfred Hospital**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>521801</b>	A/Pr Thomas C Kotsimbos Dr Nicole A Mifsud A/Pr Brian D Tait	Cross-reactive T cells mediate allograft rejection in transplantation.	\$364,650

**Baker Heart Research Institute**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>526601</b>	A/Pr Amanda G Thrift A/Pr Helen M Dewey A/Pr Richard A L Macdonell	10-year outcome after stroke: The North East Melbourne Stroke Incidence Study (NEMESIS)	\$50,325
<b>526606</b>	Prof Mark A Febbraio Prof Stefan Rose-John Dr Vance B Matthews	New therapeutic strategies to treat obesity	\$680,250
<b>526608</b>	Dr Clinton R Bruce	Sphingosine kinase and insulin resistance	\$432,750
<b>526614</b>	Dr Dmitri Sviridov A/Pr Merlin C Thomas Prof Leon A Bach	Cardiovascular complications of diabetes	\$357,750
<b>526615</b>	Dr Dmitri Sviridov Prof Michael I Bukrinsky	Heart disease and HIV	\$364,500

## Baker Heart Research Institute

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>526618</b>	A/Pr Geoffrey A Head Dr James A Armitage Ms Pamela J Davern Dr Nina Eikelis	Altered brain function may cause hypertension in obesity. Which peripheral molecules are important and how do they act?	\$344,250
<b>526619</b>	Prof Mark A Febbraio Dr Graeme I Lancaster	Regulation of Lipid induced macrophage inflammation and insulin resistance	\$491,250
<b>526622</b>	A/Pr Elizabeth A Woodcock Dr Siiri Iismaa	Developing new therapies for heart failure	\$397,750
<b>526623</b>	A/Pr Elizabeth A Woodcock	A novel target to limit pathological changes in the heart.	\$521,500
<b>526624</b>	Prof David M Kaye Dr Kylie M Venardos	Myocardial mitochondrial L-arginine transport	\$504,875
<b>526626</b>	Prof Karlheinz Peter	Proatheroclerotic Effects of Toxins secreted by Golden Staphylococcus?	\$496,000
<b>526635</b>	A/Pr Assam El-Osta Dr Xiao-Jun Du	Gene regulation in heart disease	\$457,688
<b>526638</b>	Dr Rebecca H Ritchie Dr Julie R McMullen A/Pr Karin AM Jandeleit-Dahm	New drug strategies to treat heart disease in diabetes	\$469,000
<b>526639</b>	Dr Josephine Forbes A/Pr David R Thorburn Dr Gerald Muench Dr Judy B deHaan	Diabetic kidney damage by free oxygen radicals	\$486,000
<b>526642</b>	A/Pr Merlin C Thomas Dr Christos Tikellis Prof Mark E Cooper Dr Russell Brown	ACE2 and diabetic complications	\$435,375
<b>526647</b>	Dr Julie R McMullen A/Pr Elizabeth A Woodcock	Strategies to improve function of the failing heart	\$493,000
<b>526648</b>	Dr Paul Gregorevic	Identifying novel mechanisms implicated in muscle wasting and conditions of frailty	\$536,250
<b>526656</b>	Dr Judy B de Haan Prof Mark E Cooper	New antioxidant drug therapies for atherosclerosis.	\$344,250
<b>526662</b>	A/Pr Geoffrey A Head Ms Pamela J Davern Prof Brian J Morris	Role of the brain and nervous system in a mouse model of high blood pressure	\$458,000
<b>526663</b>	Prof Mark E Cooper Dr Phillip Kantharidis A/Pr Stephen M. Twigg	Growth factors, miRNAs and diabetic kidney disease	\$471,000
<b>526664</b>	Dr Jaye PF Chin-Dusting Prof Gregory J Dusting	Arginase in PAOD	\$234,250

**VIC****Baker Heart Research Institute**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>526686</b>	Prof Gregory E Rice Dr Martha Lappas Prof Michael Permezel	Understanding what triggers birth	\$426,600

**Bionic Ear Institute**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>526901</b>	Prof Robert K Shepherd Dr Lisa N Pettingill Prof Alan R Harvey Dr Dwaine F Emerich Dr Christopher G Thanos	Preserving the auditory nerve for improved performance with cochlear implants	\$450,125

**Centre for Eye Research Australia Ltd**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>529912</b>	A/Pr Paul N Baird Ms Elena Rochtchina Prof Rodney J Scott A/Pr Seang Mei Saw	Identification of genes involved in short sightedness	\$681,125
<b>529918</b>	Prof Jonathan G Crowston Prof David W Smith Dr Bruce S Gardiner Dr Michael A Coote	Regulating fluid mechanisc to improve the oitcome fo glaucoma surgery	\$269,250

**Deakin University**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>533811</b>	Dr Tania F de Koning-Ward	Dissecting the contribution of a complex that exports malaria proteins to disease	\$314,250
<b>533815</b>	A/Pr Jo L Salmon Dr Clare Hume Dr Kylie Hesketh A/Pr David Dunstan A/Pr Robin Daly Dr Ester Cerin	An intervention to reduce sedentary behaviour, promote physical activity and improve children's health	\$815,025
<b>533819</b>	Prof James A Dunbar Prof Robert C Carter Prof Edward D Janus Prof Sing K Lo Prof Prasuna Reddy Prof Erkki - Vartiainen	Life! vs usual care in diabetes prevention: a critical evaluation	\$833,125
<b>533824</b>	Dr Juan Carlos Molero-Navajas Dr Nicky - Konstantopoulos Dr Jeremy B Jowett Dr David H Segal	Stratification of Insulin Resistance	\$329,250

**International Diabetes Institute Inc**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
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**VIC****International Diabetes Institute Inc**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>540107</b>	A/Pr David Dunstan A/Pr Jonathan E Shaw A/Pr Jo L Salmon Prof Paul Z Zimmet Dr Ester Cerin	Sedentary behaviour and metabolic risk	\$400,050

**La Trobe University**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>541902</b>	Dr John Silke	Sensitivity of cancer cells to a novel anti-cancer drug	\$486,000
<b>541904</b>	Prof Leann M Tilley Dr Nectarios Klonis	Visualising the means by which the antimalarial drug, artemisinin, kills malaria parasites	\$886,250
<b>541907</b>	Dr Lisa H Amir	CASTLE (Candida and Staph Transmission: Longitudinal Evaluation) Study	\$751,600
<b>541934</b>	Dr Bircan Erbas Prof Michael J Abramson A/Pr Mimi LK Tang A/Pr Katrina J Allen A/Pr Edward J Newbigin A/Pr Shyamali C Dharmage	Outdoor aeroallergen exposure and asthma exacerbations	\$454,550
<b>541938</b>	Prof Graham D Lamb Prof D. George Stephenson	Mechanisms involved in skeletal muscle contraction in health, exercise and disease	\$598,800

**Ludwig Institute for Cancer Research**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>542508</b>	A/Pr Weisan Chen Prof Jonathan S Cebon	Exploring hidden CD8+ T cell response to tumour antigen	\$461,250
<b>542510</b>	Prof Jonathan S Cebon A/Pr Ian D Davis A/Pr Weisan Chen Prof Winston Hide	Immune targeting of melanoma stem cells	\$506,250
<b>542512</b>	Prof Andrew M Scott Dr Paul A Ramsland Prof Jeffrey V Ravetch	Using the immune system to treat cancers	\$543,500
<b>542531</b>	Prof Antony W Burgess Dr Bruce S Gardiner Prof David W Smith	Stimulations of colon cancer	\$528,750

**Macfarlane Burnet Institute for Medical Research and Public Health**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>543107</b>	A/Pr Johnson Mak Dr Marcel Hijnen	Virus-Host interplay during HIV-1 assembly	\$324,250
<b>543113</b>	Dr Heidi E Drummer Dr Pantelis Poubourios	How variable regions in HCV E2 modulate glycoprotein function.	\$521,250
<b>543125</b>	Dr Pantelis Poubourios Dr Heidi E Drummer A/Pr Matthew Wilce	Structural and functional role of HIV-1 gp41 terminal interactions in the membrane fusion mechanism	\$508,500

**VIC****Macfarlane Burnet Institute for Medical Research and Public Health**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
543133	A/Pr Paul R Gorry Dr Melissa J Churchill	Env-determinants of HIV-1 subtype C contributing to pathogenicity	\$410,350
543137	Dr Anthony Jaworowski Prof Suzanne M Crowe	How HIV causes disease	\$438,000
543143	Prof Eric J Gowans Dr Bruce E Loveland	A novel HCV vaccine	\$463,000
543144	Prof Eric J Gowans Dr Stuart K Roberts Dr Bruce E Loveland	A new HCV cell therapy.	\$530,849
543316	Prof David A Power	Waste control in kidney disease	\$438,000
543317	Dr Paul A Ramsland Dr Bruce D Wines	Bacterial evasion of IgA immunity	\$462,750

**Melbourne Health**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
544302	Dr David J Curtis Dr Matthew McCormack Prof Margaret A Goodell	Understanding the factors that control production of blood cells	\$556,500
544304	Prof Stephen M Jane Prof John M Cunningham	Analysis of Grainy head-like gene function in skin	\$556,500

**Monash University**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
545802	Dr Nicole J Rinehart Dr Joanne Fielding Prof Bruce J Tonge E/Pr John L Bradshaw A/Pr Owen B White	Eye movements in autism and Aperger's Disorder	\$127,750
545811	Dr Peter G Enticott	Examining the brain basis of social cognitive impairment in autism spectrum disorders	\$144,500
545826	Prof Ben Adler	How Leptospira causes disease	\$600,500
545834	Prof Julian I Rood	How is the expression of toxin genes controlled in the bacterium that causes gas gangrene?	\$476,250
545836	Prof Julian I Rood Dr Dena Lyras	How is the expression of toxin genes controlled in a major gastrointestinal pathogen?	\$453,000
545838	Prof David A Jans	Microtubule-modulated subcellular trafficking and medical relevance	\$508,500
545843	Prof Daniel W O'Connor Prof George Lees Dr Susannah J Runci	A controlled trial of topical lavender oil as a treatment of behavioural symptoms of dementia	\$204,650
545844	Dr Reena Ghildyal	Role of viral 3C protease in rhinovirus pathogenesis	\$544,500

## Monash University

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
545845	A/Pr Tony Tiganis Dr Stephen J Turner	Regulation of T cell signalling	\$304,500
545846	A/Pr Tony Tiganis	Regulation of glucose homeostasis by phosphatases	\$521,250
545848	Dr Simone M Schoenwaelder Prof Hatem H Salem	Investigation of new approaches to dissolve blood clots	\$479,375
545849	Prof Shaun P Jackson Dr Warwick S Nesbitt	Examination of the mechanical effects of blood flow on clot formation	\$488,750
545855	Dr John D Boyce Prof Rodney J Devenish Dr Mark Prescott	How Burkholderia evades autophagy	\$433,000
545858	Dr Dena Lyras Prof Julian I Rood Dr Stuart Johnson Prof Dale Gerding	How does Clostridium difficile cause diarrhoea in hospital patients?	\$480,000
545861	Dr Elizabeth E Gardiner Dr Robert K Andrews	Regulation of platelet surface proteins	\$531,500
545865	Dr Kathleen J Burman	How does the brain reorganise after injury to the areas responsible for sensation and movement	\$533,250
545871	Dr Shanthakumar M Wilson Rajaratnar A/Pr Naomi L Rogers Dr Sally A Ferguson Dr Steven W Lockley A/Pr David J Kennaway	Light intervention for shiftworkers	\$682,875
545878	A/Pr Peter G Tipping Dr Jim Apostolopoulos	Proteins involved in kidney filtration function	\$468,000
545885	Dr Maarit U Norman	How white blood cells move within skin	\$526,500
545891	A/Pr Paul M Dietze Dr Campbell K Aitken A/Pr Damien J Jolley Dr Matthew Hickman Dr Thomas Kerr Dr Mark A Stooze	The natural history of injecting drug use among IDU in Melbourne	\$708,355
545901	Prof David J Cooper A/Pr Stephen A Bernard Dr Alistair Nichol Dr Jeffrey J Presneill Prof Peter Cameron Prof John A Myburgh	The POLAR RCT	\$1,958,075

## Monash University

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>545902</b>	Prof Rinaldo Bellomo Prof David J Cooper A/Pr Alison Street Dr Alistair Nichol Dr Craig J French Dr Jeffrey J Presneill	Erythropoietin in Traumatic Brain Injury (EPO-TBI)	\$1,848,475
<b>545906</b>	Dr Ian M Smyth Dr Dmitri Sviridov Dr Benjamin T Kile	How the ABCA12 protein transporter controls lipid levels and affects the biology of the skin and cardiovascular system	\$496,250
<b>545917</b>	A/Pr Katherine AL Loveland Dr Sarah J Meachem A/Pr Mark P Hedger	Activin in Testicular Development and Disease	\$491,250
<b>545918</b>	Prof Iain J Clarke Prof Alexander I Smith	Metabolic Control of Reproduction	\$568,500
<b>545919</b>	Prof Iain J Clarke A/Pr Alan Tilbrook	Gonadotropin inhibitory hormone	\$599,025
<b>545925</b>	Dr Margie Castillo-Melendez A/Pr David W Walker	What does low oxygen do to blood vessels in the fetal brain?	\$556,500
<b>545927</b>	Prof Michael J Abramson Dr Geza P Benke Prof Rodney J Croft Prof Malcolm R Sim	Do mobile phones affect cognitive development in children?	\$531,000
<b>545931</b>	Prof Gail P Risbridger	Characterising the beneficial effects of estrogen on the prostate gland	\$571,500
<b>545942</b>	Dr Grant R Drummond A/Pr Christopher G Sobey	The addition of sugar chains to Nox2 in vascular disease increases its capacity to generate free radicals	\$531,250
<b>545943</b>	Dr Philip E Thompson Dr Ian G Jennings Prof Bert Vogelstein Prof Mario Amzel	How PI3 kinase inhibitors tell the sub-types apart - new leads for drug design	\$499,500
<b>545945</b>	A/Pr Jennifer L Wilkinson-Berka Dr Antonia G Miller	aldosterone and diabetic retinopathy	\$491,250
<b>545957</b>	A/Pr Beatrice (Bebe) Loff Dr Deborah R Zion Dr Deborah C Glass A/Pr Lin Fritschi Dr Helen L Kelsall Dr Ngiare J Brown	Clarifying Australian's understanding of privacy - what affects participation in epidemiological research?	\$425,850
<b>545964</b>	Prof Harald Schmidt Prof Barry P McGrath Dr Kirstin Wingler	Novel treatment strategies for cardiovascular diseases	\$312,500

## Monash University

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>545968</b>	Prof Bruce J Tonge A/Pr Neville J King A/Pr Eleonora Gullone Dr Glenn A Melvin	Comparison of psychotherapy with and without medication for school refusing youth with an anxiety disorder	\$515,625
<b>545974</b>	Prof Arthur Christopoulos A/Pr Arthur D Conigrave	Regulation of the calcium sensing receptor	\$715,500
<b>545982</b>	Prof Marcello G. P. Rosa A/Pr Ramesh Rajan	Integrating the information from vision and hearing in the cerebral cortex	\$472,200
<b>545983</b>	Dr Terry Kwok	How does Helicobacter co-opt integrin receptor molecules on stomach cells to cause gastritis and gastric cancer?	\$279,250
<b>545989</b>	Prof Christina A Mitchell A/Pr Harshal Nandurkar	Regulation of protein trafficking and cancer by the lipid phosphatase MTMR4	\$578,750
<b>545992</b>	Dr Caroline E Gargett Dr Gareth C Weston	Endometrial stem cells in endometriosis	\$420,225
<b>546003</b>	Prof John K Davies Dr Charlene M Kahler	Investigations into how bacterial cell surface structures vary, and the effect this has on the ability to cause disease	\$531,500
<b>546004</b>	Prof John K Davies	Control of the bacterial genes involved in assembly of a structure that is essential for the infectious process	\$269,250
<b>546005</b>	Prof Euan M Wallace Dr Suzanne L Miller Prof Graham Jenkin Dr Grant R Drummond A/Pr David W Walker	Brain Injury in IUGR	\$491,250
<b>546016</b>	Prof Leon A Bach Prof Gregory E Rice Dr Ping Fu	How do proteins regulate cell behaviour?	\$528,750
<b>546017</b>	A/Pr Mark D Wright Dr Michael J Hickey	How tetraspanin proteins control the movement of white blood cells	\$402,750
<b>546018</b>	Prof Paul E O'Brien Prof Dawn E DeWitt	THE CONTROL OF TYPE 2 DIABETES THROUGH WEIGHT LOSS IN INDIGENOUS AUSTRALIANS: THE FEASIBILITY AND ACCEPTABILITY OF LAGB	\$577,500
<b>546027</b>	A/Pr Matthew J Watt	Do circulating ceramides contribute to type 2 diabetes?	\$344,250
<b>546043</b>	Dr Robert K Andrews Dr Susan L Cranmer Dr Hayley S RAMSHAW Prof Hatem H Salem	The role of platelet receptor glycoprotein Ib-V-IX in thrombosis	\$576,750
<b>546058</b>	Prof Paul R Martin Prof Peter J Goadsby	Should All Triggers of Headaches be Avoided, or Should Headache Sufferers Learn to Cope with Some Triggers?	\$486,000
<b>546059</b>	A/Pr Rory C Wolfe Prof Andrew Forbes	Missing data and risk prediction	\$435,125

## VIC

## Monash University

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>546070</b>	Prof Andrew Forbes Dr Craig R Ramsay Dr Catherine S Forbes	Interrupted time series studies: Design and analysis resolution	\$297,425
<b>546073</b>	Prof Roger L Nation Dr John D Boyce Dr Jian Li Dr Evgeny V Vinogradov	Colistin resistance in Acinetobacter baumannii	\$506,250
<b>546082</b>	Prof Harald Schmidt Dr Russell Brown A/Pr Patrick Perlmutter Dr Kirstin Wingler	Underlying mechanisms of cardiovascular disease	\$475,800
<b>546084</b>	Prof Jayashri Kulkarni Prof Susan R Davis	Brain Estrogens - A Potential Treatment for Symptoms of Schizophrenia?	\$673,750
<b>546087</b>	Dr Marianne Tare A/Pr Helena C Parkington Dr Shaun L Sandow Prof Michael Permezel	Local mechanisms that determine regional differences in ability of small arteries to deliver blood to organs in diabetes	\$735,200
<b>546094</b>	Prof Andrew Tonkin Dr Martine Dennekamp Dr Bircan Erbas Prof Malcolm R Sim Dr Deborah C Glass	Cardiac effects of 2006/2007 Bushfire Air Pollution in Melbourne	\$57,675
<b>546096</b>	Prof Leon Piterman AM Dr Christine L Paul Prof Robert Gibberd A/Pr Jonathan E Shaw	RCT of continuing medical education & feedback to altering diabetes population outcomes	\$900,825
<b>546098</b>	Prof Neil Watkins	How embryonic signaling pathways promote the growth of lung can cancer	\$284,250
<b>546105</b>	Prof Paul B Fitzgerald	rTMS treatment in bipolar depression	\$385,800
<b>546131</b>	Dr Zane B Andrews	Ghrelin prevents Parkinson's disease: Implications for obesity promoting neurological disorders.	\$385,500
<b>546200</b>	Dr Ruby H.P. Law A/Pr Paul B Coughlin	The Regulation of Fibrinolysis by alpha2-Antiplasmin	\$269,250
<b>546204</b>	Prof Neil Watkins	A new model to study how cancer cells become resistant to chemotherapy	\$349,500

## Murdoch Childrens Research Institute

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>546414</b>	Dr Edward A Oakley Prof Michael South Dr Franz Babi Dr Meredith Borland A/Pr Susan M Donath Dr Andrew J Davidson	Which is a better way of giving extra fluids to children with bronchiolitis - nasogastric tube or drip?	\$851,850

## VIC

## Murdoch Childrens Research Institute

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
546424	Dr Jim P Buttery Dr Christopher D Barnes Prof Paul Monagle A/Pr Denis - Spelman A/Pr Robert Lindeman	Optimal Immunisation Schedules for Children and Adults with Poor or Non-Functioning Spleens	\$455,188
546425	Prof Anne-Louise Ponsonby A/Pr Fergus J Cameron Prof Terence Dwyer Prof Minas T Coroneo A/Pr Jane Halliday	The role of low sun exposure in the onset of type 1 diabetes mellitus	\$330,625
546428	A/Pr Mimi LK Tang Dr Chrishan S Samuel Dr Simon G Royce Prof Andy S Giraud Prof John W Wilson Prof Holger Schulz	Lung function genes in asthma	\$559,500
546430	Prof Andrew S Giraud Dr Trevelyan R Menheniott	Gastrokine 2 suppresses growth of stomach cancer	\$329,250
546432	Dr Bridget R Southwell Prof John M Hutson AO A/Pr Anthony G Catto-Smith Prof Val J Robertson	Electrical stimulation to stop childhood constipation	\$80,650
546438	A/Pr Paul G Ekert Dr Hamish S Scott	Hox Genes and Myeloid Leukaemia	\$551,500
546454	Prof Andy KH Choo Dr Lee H Wong Dr Damien F Hudson	Understanding factors which control the segregation of our genetic material during cell division	\$491,250
546473	Dr Donald F Newgreen Dr Heather M Young Dr Richard Anderson	Can a birth defect where the colon is without nerves be corrected by nerve stem cells?	\$484,500
546478	Dr Stefan J White	Genetic analysis of patients with abnormalities of testis and ovary development	\$299,250
546486	Prof Nigel Curtis Prof Willem A Hanekom A/Pr Stephen M Graham	Improving protection against childhood tuberculosis	\$456,500

## Prince Henry's Institute of Medical Research

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
550903	Dr Morag J Young Dr Greg H Tesch Prof Peter J Fuller	Macrophage mineralocorticoid receptors and heart disease	\$485,250
550911	Dr Evdokia Dimitriadis Dr Kaori Koga	Cytokines critical for optimal pregnancy outcomes	\$590,250
550915	Dr Mai A Sarraj	TGFBR3 receptor in testis development	\$319,500

**VIC****Royal Melbourne Institute of Technology**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>555411</b>	Prof Charlie C Xue Dr Zhen Zheng A/Pr Stephen J Gibson Prof Robert D Helme	Acupuncture on opioid consumption by chronic non-cancer pain patients	\$353,650
<b>555412</b>	Prof Charlie C Xue Prof Frank Thien Prof David F Story	A clinical trial on acupuncture for hay fever	\$169,725
<b>555414</b>	Prof Kenneth M Greenwood Prof Charlie C Xue Dr Zhen Zheng Prof Paul R Martin Prof Robert D Helme A/Pr Stephen J Gibson	Acupuncture and psychological treatment for tension headache	\$292,025
<b>555420</b>	Prof Tomas Kron Prof Peter Johnston A/Pr Boon Chua Mr David G Willis Dr Rick Franich Dr Andrew Wirth	Determination of unwanted radiation dose outside of the radiotherapy treatment field	\$320,522
<b>555427</b>	Prof Marc M Cohen Dr De Villiers Smit A/Pr David Taylor Prof Peter Cameron Prof Charlie C Xue	Multiple Emergency Department Acupuncture Trials (MEDACT)	\$400,023
<b>555429</b>	Prof Marc M Cohen Prof Maria Fiatarone Singh Dr Gerard A Kennedy Prof Ken Greenwood	The Yoga Outcomes for Geriatric Insomnia (YOGI) Study	\$240,200

**St. Vincent's Health**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>558408</b>	A/Pr Peter J Cowan Prof Anthony JF d'Apice A/Pr Mark B Nottle	Towards pig-to-human xenotransplantation	\$1,172,600

**St. Vincent's Institute of Medical Research**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>559001</b>	Prof Michael W Parker Dr Tim R Hercus	Studies to understand the activation of growth factors active in cancer and inflammation	\$597,000
<b>559004</b>	Dr David J Izon	T cell lymphoma induced by a transcription factor	\$652,750
<b>559007</b>	Dr Stuart I Mannering Dr Anthony W Purcell	Identification of immune targets in human type 1 diabetes	\$388,500
<b>559010</b>	A/Pr Duncan J Campbell Dr David L Prior A/Pr Danny Liew A/Pr Rory C Wolfe	Targetting those at risk of chronic heart failure	\$1,420,375

**VIC****St. Vincent's Institute of Medical Research**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>559013</b>	Dr Gregory R Steinberg Prof Bruce E Kemp Dr Sebastian B Jorgensen	AMPK signaling during exercise	\$519,900
<b>559018</b>	Dr Carl R Walkley	Role of Cell Division in Control of Blood Stem Cells and Blood Disease	\$556,500
<b>559019</b>	Dr Carl R Walkley	Characterisation of a new model of bone cancer	\$536,250
<b>559020</b>	A/Pr J rg Heierhorst	DNA repair functions of ASCIZ	\$588,750
<b>559027</b>	Dr Mark C WALTHAM	Inhibiting cancer induced osteolysis	\$338,750

**Swinburne University of Technology**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>559302</b>	Dr Sarah M Russell Prof Min Gu	How cell shape controls immune responses.	\$521,250
<b>559309</b>	Prof Andrew W Wood Dr John W Finnie Prof Shoogo Ueno	Does mobile phone radiation affect brain processes?	\$236,250

**University of Melbourne**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>566502</b>	Dr Kulmira Nurgali Prof John B Furness	Inflammation & neuronal regulation of gastrointestinal functions	\$405,000
<b>566503</b>	Dr Rachel A Davey Prof Jeffrey D Zajac Prof Howard Morris	Male hormone receptors in bone forming cells.	\$451,625
<b>566511</b>	Prof Jane Gunn Prof Helen E Herrman Ms Patty Chondros Dr Renata Kokanovic Prof Michael Kyrios A/Pr Kelsey L Hegarty	The diamond cohort study - long term outcomes of depressive symptoms in primary care	\$544,600
<b>566513</b>	Dr Ann M Turnley Dr Helmut Butzkueven	Factors affecting nerve repair in a model of Multiple Sclerosis	\$511,250
<b>566520</b>	Dr Genevieve Evin Dr Janetta G Culvenor	Gamma-secretase and Alzheimer amyloid production	\$616,825
<b>566544</b>	Dr Nigel C Jones	Psychiatric comorbidity in a model of epilepsy	\$483,000
<b>566549</b>	Prof Ian Taylor Dr Hiroo Suami Dr Wei-Ren Pan	An anatomical map of lymph vessel drainage for the optimal treatment of cancer and lymphoedema.	\$579,000
<b>566555</b>	A/Pr Graham S. Baldwin Prof Arthur Shulkes	Gastrin, Iron and Colorectal Cancer	\$387,750
<b>566558</b>	Prof Paul R Martin A/Pr Ulrike H Grunert Dr Samuel G Solomon	Characterising an ancient subdivision of the visual pathway	\$344,250

## University of Melbourne

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>566559</b>	Dr Tom C Karagiannis	Receptor-specific cancer radiotherapy and diagnosis	\$566,500
<b>566563</b>	Dr Andrew M Allen Prof Walter G Thomas	Blood pressure control by angiotensin in the brain.	\$341,250
<b>566568</b>	Dr Elizabeth L Hartland	How bacteria live inside human cells	\$508,500
<b>566570</b>	Dr Bang V Bui Dr James A Armitage Prof Algis Vingrys	IDENTIFYING A MODIFIABLE RISK FACTOR FOR GLAUCOMA	\$314,500
<b>566583</b>	Dr Ilia Voskoboinik	Perforin is an important regulator of immune system	\$402,750
<b>566586</b>	Prof Doris Young Dr Margarite J Vale Dr John S Furler Dr Christine F Walker Prof Trish Dunning	PEACH: Patient Engagement and Coaching for Health: An intensive treatment intervention for patients with type 2 diabetes	\$298,125
<b>566602</b>	Dr Daniel M Andrews	Understanding natural killer cell homeostasis	\$314,250
<b>566603</b>	Dr Kylie L Gorringer	Analysis of ovarian cancer genes	\$435,300
<b>566614</b>	A/Pr Kevin J Barnham Dr Victor L Villemagne	Developing a new diagnostic method for Alzheimer's disease	\$583,163
<b>566618</b>	Dr Anthony J Hannan	Gene-environment interactions mechanisms of pathogenesis in models of schizophrenia	\$369,250
<b>566620</b>	Dr Vicki E Hammond Dr Jenny M Gunnarsen	Neuronal migration in the developing brain	\$588,750
<b>566621</b>	Prof Seong-Seng SS Tan Dr Jason Howitt Dr Ulrich Putz	Protecting neurons from death following brain injury	\$803,000
<b>566629</b>	Prof Robin G W Room Dr William C Kerr Prof Thor Norstr m Dr Mats Ramstedt Dr Tanya N Chikritzhs A/Pr Paul M Dietze	Alcohol and public health: the Australian experience	\$296,375
<b>566639</b>	Dr Elizabeth L Hartland	How bacteria cause diarrhoea	\$521,250
<b>566640</b>	Dr Daniel M Hatters	Understanding how misshapen proteins accumulate and kill cells during Huntington's Disease	\$454,250
<b>566642</b>	Prof Joel C Bornstein Dr Evan A Thomas Dr Laura J Parry Dr Paul P Bertrand	How nutrients and other gut contents produce the gut movements essential to the digestion of food and excretion of waste	\$1,092,500
<b>566644</b>	Prof Malcolm J McConville Dr Spencer J Williams	Novel metabolic enzyme in Leishmania parasites	\$431,625

## University of Melbourne

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>566672</b>	Dr Brett A Cromer Prof Graham D Lamb	Understanding how chloride channels function and their role in muscle fatigue and disease.	\$466,250
<b>566679</b>	Dr Elizabeth Vincan Dr Nicholas Barker Prof Johannes C Clevers Prof Thomas Brabletz	Molecules involved in gut development and bowel cancer	\$620,000
<b>566696</b>	Prof John B Furness	Targets for treatment of digestive disorders	\$513,750
<b>566700</b>	Dr Kieran F Harvey	Control of tissue growth during organ development and in cancer	\$493,500
<b>566702</b>	A/Pr Ricky W Johnstone	Anti-cancer activities of HDAC inhibitors	\$506,250
<b>566705</b>	A/Pr Harshal Nandurkar A/Pr Peter J Cowan Dr Karen M Dwyer	Understanding the reasons for miscarriages caused in certain immune diseases and designing new treatments	\$526,500
<b>566711</b>	Dr Anna K Walduck Dr Odilia LC Wijburg	Understaing the role of fat cell homones on inflammation in the stomach	\$546,750
<b>566722</b>	Prof Mauro S Sandrin Dr Hilary A Vaughan Dr Dale Christiansen Dr Paul A Ramsland	The Role of Carbohydrates in Transplantation	\$541,500
<b>566727</b>	Prof Paul A Gleeson Dr Rohan D Teadale	Internalisation pathways into cells	\$523,500
<b>566728</b>	Prof Paul A Gleeson	Intracellular transport pathways	\$523,500
<b>566730</b>	Prof James McCluskey Dr Mandvi Bharadwaj Dr Nicholas Williamson	The basis of immune-mediated drug reactions	\$543,750
<b>566734</b>	Dr Stuart B Mazzone Dr Michael J Farrell A/Pr Gary F Egan	How the brain controls coughing	\$414,000
<b>566736</b>	Prof Andrew J Lawrence A/Pr Peter R Dodd Dr Kevin D Pflieger	Novel strategies to treat drug abuse	\$536,250
<b>566740</b>	Dr Clare L Parish	What regulates connectivity in the developing and repairing brain?	\$543,500
<b>566743</b>	Dr Janetta G Culvenor A/Pr Heung-Chin Cheng	How active LRRK2 causes Parkinson's disease	\$672,500
<b>566747</b>	Prof Dale I Godfrey Dr Lars Kjer-Nielsen Dr Hugh H Reid	NKT cell receptors	\$508,500

## University of Melbourne

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>566751</b>	A/Pr Heung-Chin Cheng Dr Janetta G Culvenor Dr Kip Gabriel	How does inactivation of PINK1 cause Parkinson's disease?	\$526,825
<b>566759</b>	Prof Ingrid E Scheffer Dr Sarah J Wilson A/Pr Martin B Delatycki	Clinical presentation of Autism Spectrum Disorders in families	\$559,375
<b>566764</b>	Dr Anthony R White Dr Paul S Donnelly Dr Peter J Crouch	Modulation of cell signalling by metal-based compounds as a therapeutic treatment for Alzheimer's disease.	\$627,750
<b>566770</b>	Prof Roy M Robins-Browne A/Pr Trevor Lithgow Dr Marija Tauschek	Determining how the ability to secrete proteins assists E. coli to cause disease	\$559,050
<b>566771</b>	A/Pr Ross D Hannan	Regulation of ribosomal gene transcription	\$536,500
<b>566775</b>	Prof Roy M Robins-Browne Dr Ji Yang Dr Elizabeth L Hartland	How pathogenic bacteria sense and respond to the varied environments they encounter in their hosts' tissues	\$546,750
<b>566776</b>	Prof Alastair G Stewart A/Pr Robert L Medcalf Prof Martin G Banwell Dr Richard A Hughes	New treatments for cancer	\$355,750
<b>566780</b>	Dr Julie L McAuley	A newly discovered influenza protein that contributes to illness may be a possible therapeutic target	\$304,500
<b>566781</b>	Prof John A Trinder Dr Amy S Jordan Dr Christopher J Worsnop	The Influence of Sleep on Upper Airway Muscles	\$284,188
<b>566783</b>	A/Pr Paul R McCrory Prof Kim L Bennell Dr Rana S Hinman Prof Prasunna Reddy A/Pr Kay M Crossley	Laser acupuncture in patients with chronic knee pain:	\$673,275
<b>566784</b>	Dr Barbara C Fam Dr Sofianos Andrikopoulos	The role of a liver enzyme in controlling body weight	\$475,125
<b>566792</b>	Prof Kim Mulholland Dr Fiona M Russell Prof Jonathan R Carapetis A/Pr Mimi LK Tang Ms Anne Balloch Dr Lisi Tikoduadua	Evaluation of simplified childhood vaccination schedules incorporating pneumococcal vaccines	\$2,555,648
<b>566796</b>	Prof Eric C Reynolds Dr Keith J Cross Mr Christopher DL Thomas Prof John G Clement	Enhanced enamel remineralisation	\$642,000

## University of Melbourne

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>566797</b>	Prof Eric C Reynolds Dr Neil M O'Brien-Simpson Dr Ivan B Darby	Development of a vaccine to Porphyromonas gingivalis	\$476,250
<b>566804</b>	A/Pr Marie A Bogoyevitch Dr Amardeep S Dhillon	New actions for cell stress responders - implications for health and disease	\$461,250
<b>566812</b>	Prof Richard A Strugnell Dr Odilia LC Wijburg	Salmonella immunity in AIDS	\$528,500
<b>566814</b>	Dr Erica L Fletcher Prof Michael Kalloniatis A/Pr Claire H Mitchell	Mechanisms of photoreceptor death.	\$440,700
<b>566815</b>	Dr Erica L Fletcher A/Pr Jennifer L Wilkinson-Berka Dr Andrew M Allen	Glial cells and retinal disease	\$299,250
<b>566818</b>	A/Pr Gordon S Lynch Dr Aaron P Russell	The role of Notch signalling in muscular dystrophy	\$506,250
<b>566820</b>	A/Pr Gordon S Lynch Dr Paul Gregorevic Dr Craig A Harrison	Enhancing growth signalling pathways to improve muscle growth and development in muscular dystrophy	\$506,250
<b>566827</b>	Prof Ashley I Bush A/Pr Robert D Moir Dr James A Duce	Amyloid precursor protein aids iron efflux from neurons	\$904,600
<b>566830</b>	Prof Trevor J Kilpatrick Ms Michele D Binder Prof Catriona A McLean	Analysing how key molecules protect the nervous system in Multiple Sclerosis	\$486,500
<b>566832</b>	Prof Trevor J Kilpatrick Dr Holly S Cate Prof Seong-Seng SS Tan Prof Perry F Bartlett	The role of NDFIP1 in neural stem cell survival and their generation into neurons	\$373,500
<b>566834</b>	Prof Peter McIntyre Prof Nigel N Bunnnett	Searching for new ways to reduce signalling through pain sensors	\$461,250
<b>566835</b>	Dr Julian I Heng	The role of Rnd genes in brain development	\$393,500
<b>566843</b>	A/Pr Terence J O'Brien Dr Michael Salzberg Prof Margaret J Morris Dr Nigel C Jones Dr Dennis Velakoulis A/Pr Maarten van den Buuse	Stress and epilepsy	\$518,500
<b>566846</b>	Dr Sumone Chakravarti	The control of autoimmunity by natural killer T cells	\$438,000

## University of Melbourne

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>566848</b>	Dr Jane S Hocking Dr David Regan Dr David Wilson Dr David Philp Prof Anthony MA Smith	Control of sexually transmitted infections in Australia	\$539,775
<b>566849</b>	Dr Lena A Sanci Prof George C Patton Prof Alan M Shiell A/Pr Jane Pirkis Prof Susan M Sawyer Ms Patty Chondros	Re-orientating general practice systems toward youth friendly care	\$1,320,200
<b>566853</b>	Dr Paul A Adlard A/Pr David Finkelstein	Metals and Alzheimer's disease	\$419,250
<b>566855</b>	Dr Julie A Simpson Prof Stephen B Duffull Dr Richard N Price	Design of Antimalarial Pharmacokinetic Studies	\$107,125
<b>566871</b>	Dr Robin L Anderson Dr Yeesim Khew-Goodall Dr Philip A Gregory Dr Cameron N Johnstone	Identification of genes that control the spread of breast cancer	\$583,750
<b>566876</b>	A/Pr Grant A McArthur Dr Richard Pearson	New therapies for MYC-associated cancers	\$526,500
<b>566879</b>	A/Pr Maarten van den Buuse Dr Anthony J Hannan	Studying the 'two hit' hypothesis of psychiatric illness	\$451,250
<b>566883</b>	Dr Elizabeth L Hartland Dr Scott Beatson Prof Gad Frankel	How bacteria grow in the gut	\$448,750
<b>566886</b>	Dr Anthony J Penington Dr Geraldine M Mitchell	Causes of human lymphatic and vascular malformations	\$374,250
<b>566904</b>	Dr Kenneth J Snibson Dr Stuart J Hirst	The relationship between blood vessel remodelling and inflammatory cells in chronic asthma	\$339,500
<b>566908</b>	Prof John D Mathews A/Pr Heath A Kelly Dr Susan A Skull Prof Terry M Nolan Dr James M McCaw	Understanding influenza mortality and the effects of vaccination in the elderly	\$429,350
<b>566911</b>	Prof Gregory J Dusting Dr Fan Jiang	New drugs targeting tumours and blindness	\$559,500

## University of Melbourne

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>566916</b>	Prof Ego Seeman Dr Roger MD Zebaze A/Pr Mark A Knackstedt Prof Eleanor J Mackie A/Pr Roger I Price Dr Karlis A Gross	Contribution of Cortical Porosity to Bone Fragility	\$596,250
<b>566919</b>	Dr Patrick O Humbert	How do red blood cells lose their nucleus?	\$558,750
<b>566926</b>	Dr Alex Andrianopoulos	Understanding how pathogens infect their hosts and cause disease.	\$329,250
<b>566931</b>	A/Pr Shyamali C Dharmage Prof E Haydn Walters Prof Michael J Abramson A/Pr Paul S Thomas Dr Bircan Erbas Dr Melanie C Matheson	What increases the reactivity of airways in middle-age?	\$572,975
<b>566944</b>	Prof John L Hopper Dr Lyle C Gurrin Dr Jennifer Stone Dr Graham B Byrnes Dr Katrina J Scurrah	New methods for analysing twin data	\$459,000
<b>566946</b>	Dr Mark A Jenkins Prof Graham J Mann Dr Anne E Cust Dr James G Dowty	How do your genes affect your risk of melanoma, and what can you do about it?	\$145,975
<b>566947</b>	Prof LOUISE M BURRELL	Vasopressin and heart failure	\$551,250
<b>566955</b>	A/Pr Thomas M Cocks Prof Robin B Gasser Prof Els NT Meeusen	Investigating a new therapy for immune system diseases	\$464,525
<b>566958</b>	Prof Marilyn B Renfree A/Pr Geoffrey Shaw Dr Andrew J Pask Prof Jean D Wilson	Causes of hypospadias	\$456,000
<b>566960</b>	Prof Joseph Proietto	Understanding how obesity and abnormal lipids are linked	\$320,100
<b>566967</b>	Dr Elizabeth Scarr A/Pr Brian Dean Dr Victoria M Perreau A/Pr Elizabeth A Thomas	Defining the pathology of a sub-type of schizophrenia	\$433,900
<b>566980</b>	Dr Giuseppe D Ciccotosto Dr David N Bowser	Dityrosine-linked Abeta peptide in Alzheimer's Disease	\$531,900
<b>566992</b>	Dr Bradford A Moffat Dr Eddie Lau Dr Katharine J Drummond	Molecular imaging of brain tumours	\$396,375

**VIC****Walter and Eliza Hall Institute**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>575534</b>	Dr James G Beeson A/Pr Stephen J Rogerson Dr Mirja Hommel	Immunity to malaria during pregnancy	\$526,500
<b>575535</b>	Dr Benjamin T Kile Dr Chloe James	Cell death and the production of blood platelets	\$399,900
<b>575538</b>	Dr Diana S Hansen	NK cell-DC cross-talk in malaria	\$325,200
<b>575539</b>	Dr Michael C Lawrence Dr Colin W Ward	How insulin-like growth factors bind to the Type 1 receptor	\$429,500
<b>575540</b>	Dr Jose A Villadangos	Inhibition of anti-tumour cytotoxic T cell responses	\$284,250
<b>575543</b>	A/Pr Andrew M Lew Dr Jose A Villadangos Dr Yifan Zhan	Selective control of immune responses by abrogating cross-presentation	\$573,750
<b>575546</b>	Prof Ken Shortman Dr Mireille H Lahoud Dr Irina Caminschi	The role of a novel cell surface molecule, Clec9A, in immune function	\$506,250
<b>575552</b>	Dr Thomas C Brodnicki Dr Meredith A O'Keeffe	Discovery of a novel gene and its role in the immune system	\$591,750
<b>575557</b>	Dr Tim Thomas Dr Anne K Voss	Qkf in stem cells	\$387,900
<b>575558</b>	Dr Tim Thomas	The function of Hbo1	\$387,563
<b>575559</b>	Dr Ruth M Kluck Prof Jerry M Adams Dr Jacqui M Gulbis	How the Bak protein mediates apoptotic cell death, including death of cancer cells	\$560,250
<b>575561</b>	Dr Peter E Czabotar	The molecular control of cell death	\$237,000
<b>575573</b>	Dr Ross A Dickins	Investigating tumour maintenance using regulated RNA interference	\$491,250

**WA****Curtin University of Technology**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>533500</b>	Prof Peter A Howat A/Pr Alexandra McManus Prof Annie S Anderson Ms Jonine M Jancey A/Pr Satvinder S Dhaliwal Dr Sharyn K Burns	A nutrition and physical activity intervention for mothers with young children	\$455,750
<b>533501</b>	Prof Peter A Howat Prof Andy H Lee Ms Jonine M Jancey Prof Annie S Anderson A/Pr Deborah A Kerr Mr Trevor R Shilton	Physical activity and nutrition for seniors (PANS)	\$459,500

**Curtin University of Technology**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>533502</b>	Prof James B Semmens Prof Fiona M Wood Ms Delia V Hendrie Ms Suzanne Rea Dr Katrina Spilsbury Mr Dale W Edgar	Trends, treatments and outcomes of burns patients	\$390,475
<b>533504</b>	A/Pr Tony G Butler A/Pr Peter W Schofield Dr David B Preen A/Pr Robyn L Tate	Does Traumatic Brain Injury lead to offending behaviour?	\$267,175
<b>533526</b>	Prof Leon M Straker Dr Rebecca A Abbott Prof Clare M Pollock A/Pr Peter S Davies	Does access to electronic games decrease physical activity in children?	\$518,200
<b>533531</b>	Prof John C Mamo Dr Cheryl L Wellington A/Pr Satvinder S Dhaliwal	An investigation into the mechanisms of how dietary fats influence Alzheimer's Disease risk.	\$546,250

**Edith Cowan University**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>534409</b>	Prof Robert U Newton Dr Dennis R Taaffe A/Pr Nigel A Spry Dr Daniel A Galv o	What types of exercise are most effective for reducing the side-effects of treatment for prostate cancer?	\$500,000

**Sir Charles Gairdner Hospital**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>557507</b>	A/Pr Igor Konstantinov	Delayed protection of organs with intermittent ischemia of limb	\$154,500

**University of Western Australia**

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>572513</b>	Dr Aleksandra Filipovska Dr Oliver Rackham	Mitochondrial gene expression	\$325,125
<b>572516</b>	A/Pr Wallace Y Langdon Dr Christine BF Thien	The role of c-Cbl and Flt3 in causing leukaemia	\$344,500
<b>572530</b>	A/Pr Lin Fritschi Dr Jane S Heyworth Prof Christobel Saunders Dr Kieran McCaul Dr Deborah C Glass Dr Thomas C Erren	Does shift work cause breast cancer?	\$776,975
<b>572542</b>	Prof Cashel D'Arcy J Holman Prof Xing Xie Dr Min Zhang Prof Yunpeng Liu Prof Xiaoying Zhao A/Pr Max K Bulsara	Green tea and cancer prevention	\$913,288

## University of Western Australia

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>572548</b>	Dr David P Burgner Dr Andrew J Currie Dr Peter C Richmond A/Pr Karen Simmer A/Pr Ofer Levy Dr Tobias Strunk	Protective immunity and sepsis in preterm infants	\$363,250
<b>572550</b>	Dr Melinda Fitzgerald	Limiting spread of damage after CNS injury	\$393,000
<b>572558</b>	Prof Matthew W Knuiman Dr Thomas G Briffa Prof Paul Norman A/Pr Joseph Hung Dr Elizabeth A Geelhoed Prof Peter L Thompson	atherothombotic disease burden	\$489,500
<b>572563</b>	Prof Nicola T Lautenschlager Dr Kay L Cox Prof Osvaldo P Almeida Prof Leon Flicker Prof David J Ames A/Pr Gerard Byrne	A randomised clinical trial of physical activity for the treatment of patients with Alzheimer's Disease	\$687,100
<b>572569</b>	Dr Guicheng Zhang	gene by environment interaction in the prediction of atopy in infants	\$361,400
<b>572574</b>	Prof Geoffrey R Shellam Dr Lee M Smith Dr Alec J Redwood A/Pr Ann B Hill	Variable immune evasion by MCMV	\$531,500
<b>572575</b>	Prof Geoffrey R Shellam Dr Alec J Redwood Dr Lee M Smith	The cause of viral persistence in the salivary gland	\$544,500
<b>572578</b>	A/Pr Ruth Ganss	Targeted anti-tumour immuno therapy	\$506,250
<b>572580</b>	A/Pr Philip C Burcham A/Pr Peter J Henry	Harmful effects of Toxic Smoke-Borne Chemicals on the Lung	\$633,500
<b>572585</b>	Dr Dick C Chan Prof Gerald F Watts Prof P Hugh R Barrett Dr Leon A Adams	Liver fat and lipid transport in the metabolic syndrome	\$501,775
<b>572587</b>	Prof Hugh R Barrett Prof Gerald F Watts Dr Dick C Chan	Regulation of lipoprotein metabolism following feeding	\$527,275
<b>572590</b>	A/Pr Deborah Lehmann Dr David W Smith Dr Peter C Richmond	Investigating the cause, severity and risk factors of childhood lower respiratory infections using data linkage	\$421,288

## University of Western Australia

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>572593</b>	Dr Anna K Nowak A/Pr Richard A Lake Prof Michael M Millward Dr Robbert G van der Most Prof Bruce WS Robinson	Chemotherapy and regulatory T cells	\$254,250
<b>572594</b>	Prof Osvaldo P Almeida Prof Leon Flicker Dr Kieran McCaul	Randomised trial of homocysteine lowering treatment of depression in later life	\$747,750
<b>572601</b>	A/Pr Deborah Trinder Prof John K Olynyk Dr Anita C Chua Dr Ross M Graham	Liver iron transport in hereditary haemochromatosis	\$637,500
<b>572604</b>	Dr Kun Zhu A/Pr Richard L Prince Prof Leon Flicker Dr Janine Calver	A longitudinal study of health in older women	\$816,050
<b>572613</b>	Prof Lyle J Palmer Dr Craig E Pennell Prof Lawrie J Beilin Prof John P Newnham Prof Stephen J Lye Prof George Davey Smith	Understanding genetic and environmental causes of chronic adult disease in early life	\$989,500
<b>572616</b>	A/Pr Graham L HALL Dr Peter J Franklin Prof Zoltan Hantos	Air pollution and infant lung function	\$611,250
<b>572621</b>	Prof Brendan J Waddell Dr Peter J Mark A/Pr Jeffery A Keelan Dr Trevor A Mori	Prevention of placental disorders by dietary fish oil	\$526,500
<b>572623</b>	Dr Elizabeth Milne A/Pr Michael F Fenech Prof Bruce K Armstrong Prof Nicholas H de Klerk Ms Margaret Miller	Nutrition and genome damage in children	\$686,600
<b>572632</b>	Prof Graeme J Hankey Prof Konrad Jamrozik Prof John W.A. Eikelboom A/Pr Fank M van Bockxmeer	VITATOPS - A controlled trial of vitamins to prevent stroke	\$460,925
<b>572636</b>	Prof Jon D Emery A/Pr Alex Boussioutas Dr Rebecca C Fitzgerald Dr Fiona M Walter Prof Jane Blazeby	BEST-Australia: Screening for Barrett's Oesophagus in Primary Care	\$493,500

## University of Western Australia

<i>App ID</i>	<i>Chief Investigators</i>	<i>Title</i>	<i>Total Budget</i>
<b>572638</b>	A/Pr David A Joyce A/Pr Peter J Henry	Macrophage uncoupling protein-2 regulation and expression in inflammatory joint disease and hyperoxic lung damage	\$259,250
<b>572641</b>	A/Pr Mariapia A Degli-Esposti Dr Christopher E Andoniou	How cytomegalovirus induces immunosuppression	\$543,750
<b>572647</b>	A/Pr Peter R Eastwood Prof David Hillman Dr Jennifer H Walsh Dr Jason P Kirkness	Upper airway collapsibility	\$451,250
<b>572654</b>	Dr Thea Shavlakadze Prof Miranda D Grounds Dr Chris D McMahon	Role of IGF-1 in skeletal muscle hypertrophy and atrophy	\$379,500
<b>572656</b>	Dr Charlene M Kahler Dr Martin Scanlon	Stabilization of proteins is key to virulence of bacterial pathogens	\$254,250
<b>572660</b>	Prof Prue H Hart Dr Shelley Gorman	Cutaneous inflammation and immune homeostatic mechanisms	\$314,250
<b>572669</b>	Prof Bruce WS Robinson A/Pr John MP Alvarez Dr Andrew J Currie A/Pr Richard A Lake	Combining surgery and immunotherapy to treat cancer of lung	\$496,250
<b>572670</b>	Prof Ming Hao Zheng A/Pr Jiake Xu	Ac45 in bone resorption.	\$639,000
<b>572671</b>	A/Pr Jiake Xu Prof Ming Hao Zheng	SVS7 in bone mass	\$581,500
<b>572676</b>	A/Pr Steven E Mutsaers Dr Yun Chor (Gary) Lee	The role of developmental genes in the asbestos related cancer, malignant mesothelioma	\$541,500
<b>572689</b>	Prof Wayne R Thomas Dr Peter C Richmond	Bacterial immunity in respiratory allergy	\$237,000
<b>572712</b>	A/Pr Timothy W Jones Dr Paul A Fournier Dr Elizabeth A Davis	Clinical modulation of the rise in blood glucose levels associated with a 10-second sprint in type 1 diabetes	\$545,425
<b>Total Applications: 688</b>			<b>\$357,248,846</b>