



Australian Government

National Health and Medical Research Council

Research Fellowships for funding commencing in 2017

The Research Fellowships scheme aims to recruit and support Australia's very best medical and health research talent in full-time research during the most productive years of their research life to further develop as leaders in their field and contribute to the Australian research community through active participation.

A critical objective of the scheme is to foster an intellectual environment which supports and builds the capacity of Australian research for the future and in so doing, creates knowledge through investment in research which improves health and thus contributes to Australia's prosperity.

Research Fellowships are awarded at four levels, increasing in order of experience and seniority as follows:

- Senior Research Fellow A (SRF A)
- Senior Research Fellow B (SRF B)
- Principal Research Fellow (PRF)
- Senior Principal Research Fellow (SPRF)

The applications listed below were approved for funding by the Minister for Health and Aged Care, the Hon Sussan Ley MP.

Application ID	Applicant Name	Level	Scientific Title	Administering Institution	Amount
APP1116930	Professor Andrew Lawrence	PRF	Understanding drug-seeking & relapse	Florey Institute of Neuroscience and Mental Health	\$763,845.00
APP1116934	Professor Peter Colman	SPRF	Structure and function of Bcl-2 family proteins	The Walter and Eliza Hall Institute of Medical Research	\$863,910.00

APP1116936	Professor Mark Febbraio	SPRF	Towards a better understanding of the health benefits of physical activity: designing exercise mimetic for the treatment of disease	The Garvan Institute of Medical Research	\$938,910.00
APP1116937	Professor Andreas Strasser	SPRF	Learning the mechanisms of programmed cell death and tumour suppression to develop novel cancer therapies	The Walter and Eliza Hall Institute of Medical Research	\$863,910.00
APP1116942	Associate Professor Danny Eckert	SRF A	Respiratory phenotyping for new targeted approaches to treat sleep apnoea	University of New South Wales	\$631,370.00
APP1116948	Professor Jamie Vandenberg	PRF	Sudden cardiac arrest: Improving detection of patients at risk	Victor Chang Cardiac Research Institute Limited	\$838,845.00
APP1116955	Associate Professor Anthony Papenfuss	SRF A	Computational approaches to making sense of cancer -omics data	The Walter and Eliza Hall Institute of Medical Research	\$706,370.00
APP1116973	Associate Professor Jonathan Hodgson	PRF	Dietary approaches to enhance vascular health	University of Western Australia	\$763,845.00
APP1116999	Professor Ross Hannan	PRF	Therapeutic targeting of ribosome biogenesis in cancer and ribosomopathies	Australian National University	\$763,845.00
APP1117017	Professor David Fairlie	SPRF	Modulating protein-protein interactions in disease	The University of Queensland	\$863,910.00
APP1117033	Associate Professor Evdokia Dimitriadis	SRF A	Mechanistic and translational studies in female reproductive health	Monash University	\$631,370.00
APP1117044	Professor David Bowtell	SPRF	The molecular biology of human ovarian cancer	University of Melbourne	\$863,910.00
APP1117073	Professor Georgia Chenevix-Trench	SPRF	Breast and ovarian cancer: beyond genome wide association studies	The Council of the Queensland Institute of Medical Research	\$863,910.00

APP1117078	Professor David James	SPRF	Probing the gene-environment interaction in metabolic disease	University of Sydney	\$863,910.00
APP1117079	Professor Cynthia Shannon Weickert	PRF	Neurobiology of schizophrenia and translation into new treatments	University of New South Wales	\$763,845.00
APP1117089	Associate Professor Guillaume Lessene	SRF A	Chemical biology and drug discovery of cell death	The Walter and Eliza Hall Institute of Medical Research	\$706,370.00
APP1117105	Associate Professor Helen Leonard	SRF B	Child disability: understanding determinants and improving outcomes	University of Western Australia	\$697,605.00
APP1117140	Professor Jodie McVernon	PRF	Defining optimal strategies for sustained control of infectious diseases	University of Melbourne	\$763,845.00
APP1117148	Professor Anthony Hannan	PRF	Molecular mediators, epigenetic modulators and therapeutic targets for cognitive disorders	Florey Institute of Neuroscience and Mental Health	\$763,845.00
APP1117154	Doctor Mark Chong	SRF A	MicroRNA pathway control of immune cell development	St Vincent's Institute of Medical Research	\$631,370.00
APP1117171	Professor Stephen Lord	SPRF	Fall prevention in older people and those with neurodegenerative disorders	University of New South Wales	\$938,910.00
APP1117183	Professor Michael Parker	SPRF	Understanding cell signalling as a basis for new therapeutics	St Vincent's Institute of Medical Research	\$863,910.00
APP1117188	Professor Murat Yucel	PRF	Enhancing and integrating addiction neuroscience knowledge with clinical practice, by transforming the approach to assessment and classification protocols, and improving outcomes by using neurocognitive phenotypes for tailored treatments	Monash University	\$838,845.00
APP1117192	Professor Rob Herbert	PRF	Principal Research Fellowship	University of New South Wales	\$838,845.00

APP1117238	Professor Geoffrey Head	PRF	Neurogenic mechanisms in hypertension	Baker IDI Heart and Diabetes Institute Holdings Limited	\$763,845.00
APP1117288	Professor Alan Cowman	SPRF	Pathogenesis of malaria	The Walter and Eliza Hall Institute of Medical Research	\$863,910.00
APP1117366	Associate Professor Livia Hool	SRF A	The L-type calcium channel in cardiovascular health and disease	University of Western Australia	\$631,370.00
APP1117483	Professor John Wade	PRF	Next generation relaxin molecular probes and therapeutics	Florey Institute of Neuroscience and Mental Health	\$763,845.00
APP1117501	Professor Terrance Johns	PRF	Developing new therapeutic strategies for brain cancer	Monash University	\$763,845.00
APP1117504	Professor Alexander Loukas	SPRF	Helminth secretomes: from vaccines to novel anti-inflammatory biologics	James Cook University	\$938,910.00
APP1117510	Professor Nigel Laing	PRF	Improving outcomes for individuals and families affected by genetic disease.	University of Western Australia	\$838,845.00
APP1117527	Professor Paul Hertzog	SPRF	Manipulating the fine-tuning of the innate immune response in disease	Monash University	\$938,910.00
APP1117538	Associate Professor Robert Gilchrist	SRF B	Translating oocyte biology discoveries to new clinical practices	University of New South Wales	\$772,605.00
APP1117596	Professor Andrew Elefanty	PRF	Haematopoietic stem cells from human pluripotent stem cells: the future of bone marrow transplantation	Murdoch Childrens Research Institute	\$763,845.00
APP1117602	Professor Jonathan Baell	PRF	Small molecule therapeutics: from infectious and parasitic diseases to cancers	Monash University	\$763,845.00
APP1117611	Professor Mark Jenkins	SRF A	Utility of genetic screening for colorectal cancer risk assessment	University of Melbourne	\$631,370.00

APP1117663	Professor Nicholas Hayward	SPRF	Improving outcomes from melanoma	The Council of the Queensland Institute of Medical Research	\$863,910.00
APP1117687	Associate Professor Menno van Zelm	SRF A	Dissecting human B-cell function: from primary immunodeficiencies to chronic inflammatory disease	Monash University	\$631,370.00
APP1117718	Associate Professor Susan Branford	SRF A	Defining genomic mechanisms associated with treatment response, drug resistance and early blast crisis in chronic myeloid leukaemia	University of South Australia	\$631,370.00
APP1117724	Associate Professor Fernando Calamante	SRF B	Novel methods to study structural-functional connectivity in epilepsy and schizophrenia	Florey Institute of Neuroscience and Mental Health	\$697,605.00
APP1117748	Associate Professor Gilda Tachedjian	SRF A	Antivirals for HIV treatment and prevention	Burnet Institute	\$706,370.00
APP1117766	Professor Dale Godfrey	SPRF	Unconventional T cells in health and disease	University of Melbourne	\$863,910.00
APP1117784	Associate Professor Adrian Barnett	SRF A	Meta-research: using research to increase the value of health and medical research	Queensland University of Technology	\$631,370.00
APP1117812	Professor Carola Vinuesa	PRF	Control of pathogenic antibody responses in humans	Australian National University	\$763,845.00
APP1117835	Doctor Paul Gregorevic	SRF A	Using gene delivery technologies to define novel mechanisms of skeletal muscle adaptation, and develop muscle-directed interventions for frailty and serious illness	Baker IDI Heart and Diabetes Institute Holdings Limited	\$631,370.00
APP1117873	Professor George Patton	SPRF	Lifecourse and global epidemiology of adolescent health and wellbeing	University of Melbourne	\$863,910.00

APP1117976	Associate Professor Rebecca Robker	SRF B	The legacy of the egg: how maternal factors set offspring health and lifecourse potential	The University of Adelaide	\$697,605.00
APP1118005	Professor Matthew Brown	SPRF	Solving the causes of and development of new therapies for ankylosing spondylitis and related diseases	Queensland University of Technology	\$863,910.00
APP1118153	Professor Michael Breakspear	PRF	Brain Connectomics in Psychiatry	The Council of the Queensland Institute of Medical Research	\$763,845.00
APP1118161	Associate Professor Dianna Magliano	SRF A	Harnessing multiple large datasets to answer critical questions on diabetes epidemiology	Baker IDI Heart and Diabetes Institute Holdings Limited	\$631,370.00
APP1118170	Professor Gregory Goodall	PRF	Discovering how microRNAs and circRNAs control cancer metastasis	University of South Australia	\$763,845.00
APP1118225	Professor Neville Owen	SPRF	Too much sitting and too little exercise: addressing chronic disease in ageing populations	Baker IDI Heart and Diabetes Institute Holdings Limited	\$863,910.00
APP1118452	Associate Professor Anthony White	SRF A	Trace element regulation in neurological disease: from molecular pathogenesis to translational impact	The Council of the Queensland Institute of Medical Research	\$631,370.00
APP1118576	Professor Richard Harvey	SPRF	Molecular approaches to cardiac development, disease and regeneration	Victor Chang Cardiac Research Institute Limited	\$863,910.00
APP1118640	Professor Ary Hoffmann	PRF	Enhancing disease vector biosecurity through high density molecular markers	University of Melbourne	\$763,845.00
APP1118775	Professor Herbert Herzog	SPRF	New approaches for the discovery of obesity causing genes	The Garvan Institute of Medical Research	\$863,910.00
APP1118888	Professor V.Nathan Subramaniam	SRF A	Liver injury and iron homeostasis in health and disease	The Council of the Queensland Institute of Medical Research	\$631,370.00

APP1118943	Associate Professor Mark Baker	SRF A	Biomarkers for the diagnosis and prognostic analysis of male infertility	The University of Newcastle	\$631,370.00
APP1119056	Professor Richard Lewis	PRF	Discovery and development of novel venom peptide analgesics	The University of Queensland	\$763,845.00
APP1119098	Associate Professor Leanne Hides	SRF A	Early interventions for primary and comorbid substance use in young people: engagement, innovation, technology and translation	Queensland University of Technology	\$706,370.00
APP1119152	Professor Maria Kavallaris	PRF	Precision nanomedicine-based cancer therapeutics	University of New South Wales	\$763,845.00
APP1119275	Professor Shyamali Dharmage	SRF A	Allergy and lung health	University of Melbourne	\$631,370.00
APP1119298	Professor Mariapia Degli-Esposti	PRF	Understanding rotavirus pathogenesis and how viruses accelerate type 1 diabetes development	University of Melbourne	\$763,845.00
APP1119339	Professor Donna Cross	PRF	Innovative school-based interventions to improve mental health and the social and emotional development of Australian children	University of Western Australia	\$763,845.00
APP1119443	Professor Stephen Jan	PRF	Addressing the health and economic burden of chronic conditions	University of Sydney	\$838,845.00
APP1120615	Professor Linda Richards	PRF	Normal and abnormal development of brain wiring and its impact on brain function	The University of Queensland	\$763,845.00
APP1121008	Professor John Simes	SPRF	Translating clinical trials research	University of Sydney	\$863,910.00
APP1121110	Professor Kirsten McCaffery	PRF	Using healthcare wisely: psychosocial interventions to reduce unnecessary testing and treatment	University of Sydney	\$763,845.00

APP1121474	Associate Professor Murray Cairns	SRF A	Personalised genomics in precision medicine of psychotic illness	University of New South Wales	\$631,370.00
APP1121630	Professor Phyllis Butow	SPRF	Supportive care and patient empowerment in the cancer context	University of Sydney	\$863,910.00
APP1121755	Doctor Jeffrey Babon	SRF B	Cytokine signalling in health and disease	The Walter and Eliza Hall Institute of Medical Research	\$697,605.00
APP1121844	Professor Gita Mishra	PRF	Leveraging women's health data resources to reduce chronic disease risk and extend healthspan	The University of Queensland	\$763,845.00
APP1122338	Doctor Seth Masters	SRF B	The inflammasome and autoinflammatory disease	The Walter and Eliza Hall Institute of Medical Research	\$772,605.00
APP1123862	Associate Professor Katherine Mills	SRF A	Improving treatment responses for co-occurring mental and substance use disorders	University of New South Wales	\$631,370.00
APP1124299	Professor Tony Butler	PRF	'Breaking the cycle' of crime - improved health and justice outcomes for offenders through effective interventions	University of New South Wales	\$838,845.00
APP1124501	Doctor Manuel Ferreira	SRF B	Delivering on the GWAS promise: from genetic discoveries to novel drug targets for asthma	Council of the Queensland Institute of Medical Research	\$697,605.00
APP1124647	Associate Professor Rebecca Guy	SRF B	New technologies to reduce the population burden of sexually transmitted infections	University of New South Wales	\$772,605.00