

澳大利亚向健康与医学研究投资 4.83 亿澳元

2016 年 12 月 3 日，澳大利亚健康与老年护理（Health and Aged Care）部宣布向健康和医学领域研究项目投资超过 4.83 亿澳元，其中包含临床试验方向迄今为止最大的单笔资助。

4.83 亿澳元将通过澳大利亚国立健康与医学研究理事会（National Health and Medical Research Council, NHMRC）对 601 个项目、超过 1900 位研究人员进行支持，项目覆盖领域广泛，主要包括：

- 研究大脑可塑性
- 评估格雷夫氏症（Graves' disease，也称巴塞多化甲状腺肿）的发生是否与应激性生活事件有关
- 探索慢性痛（Chronic Pain）的创新治疗方法
- 从炎症预防的角度，发展并确认胃癌防治的新方法
- 优化器官移植接受者感染病毒后的治疗方案

NHMRC 主席 Anne Kelso 教授表示，此番资助主要面向 3 类研究或群体，即 60 个有望在未来成为学术带头人的团体、关于疾病起源的实验室研究，以及关于新型治疗方案的临床试验，澳大利亚将在前所未有的广度上展开健康研究。

下表为澳大利亚国家级健康领域资助主题分布：

国家健康优先领域

优先领域	承诺投入（单位：澳元）
原住民和托雷斯海峡岛民健康	2351 万
关节炎和骨质疏松症	799 万
癌症	12345 万
心血管疾病	6482 万
痴呆	2619 万
糖尿病	2357 万
损伤	2401 万
心理健康	3555 万
肥胖	1485 万

其中，临床试验领域单笔最大资助用于研究是否日常服用低剂量阿司匹林会对健康的老年群体具有预防疾病的作用，金额高达 480 万澳元，同时也是该国目前为止临床试验领域最大的一笔。

其他部分重点项目还包括：

- 预测多发性硬化症的恶化
- 探索创伤性脑损伤与阿尔茨海默症之间的关联
- 研究澳大利亚男性睡眠呼吸暂停（Sleep Apnoea）对健康的影响
- 实施针对乳腺和卵巢癌症高危人群遗传素质筛查的基因检测
- 探究运动神经元病（Motor Neurone Disease）的早期病理机制

文后附上 2016 年 NHMRC 对心理健康、生物心理学、临床与咨询心理学、神经科学、神经病学、精神病学及感觉和视觉科学等领域的资助清单。

原文标题：\$483 million in grants to support innovative Australian health and medical research projects

原文链接：<https://www.nhmrc.gov.au/media/releases/2016/483-million-grants-support-innovative-australian-health-and-medical-research>

原文标题：Australia's biggest clinical trial part of \$483m health research grants

原文链接：<http://www.health.gov.au/internet/ministers/publishing.nsf/Content/health-mediarelayr2016-ley102.htm?OpenDocument&yr=2016&moth=12>

检索日期：2017-2-6

2016 年度 NHMRC 资助项目清单（心理学相关部分）：

研究领域	资助题目	管理机构	起始年	终止年	资助金额
心理健康	Building the Evidence Base for Prevention and Recovery Care Services	University of Melbourne	2016	2018	\$365,903
	Working out for the thin blue line: Evaluating exercise to improve physical and mental health of police officers with posttraumatic stress disorder	University of New South Wales	2017	2020	\$318,768
	Lifecourse and Global Epidemiology of Adolescent Health and Wellbeing	University of Melbourne	2017	2021	\$863,910
	Towards an evidence-based and equitable mental health system for children in Australia	Murdoch Childrens Research Institute	2017	2019	\$706,059
	Randomised controlled trial of the RECOVER tailored psychological intervention for first episode bipolar disorder	University of Melbourne	2017	2021	\$1,550,291
	The N-ICE trial: A randomised controlled trial of the safety and efficacy of N-Acetyl Cysteine (NAC) as a pharmacotherapy for methamphetamine (“ice”) dependence	Curtin University of Technology	2017	2019	\$1,551,368
	Pathways to prevention: The effectiveness of universal and selective prevention in altering developmental pathways to alcohol and cannabis related harms in young adults	University of New South Wales	2017	2019	\$465,967
	Translating neuroscience into treatments and public health policies for addictive	Monash University	2017	2020	\$425,048

	behaviours				
	Preventing suicide in young people: A public health approach	Australian National University	2017	2020	\$425,048
	The Pubertal Onset of Mental Disorders and Early Substance Abuse	Murdoch Childrens Research Institute	2017	2020	\$1,118,072
	Improving outcomes for people with acute mental illness in the emergency department: a data linkage study	Griffith University	2017	2019	\$251,470
	Improving the capacity of peers to provide guidance and support for adolescents with mental health problems	University of Melbourne	2017	2021	\$1,196,608
	Implementing Safewards in Victoria: Evaluating acceptability and outcomes for consumers and staff	University of Melbourne	2017	2019	\$81,802
	A shared care pathway to increase uptake of treatment for alcohol use disorders	University of Sydney	2017	2018	\$177,197
生物心理学(神经心理学、精神药理学、生理心理学)	Characterising the effect of methamphetamine and alcohol on driving behaviour and performance	Swinburne University of Technology	2017	2020	\$318,768
	Imaging the brain connectome in typical and atypical development	Murdoch Childrens Research Institute	2017	2020	\$318,768
	Mnemonic segregation: Understanding the neural circuitry of Parkinson's	University of New South	2017	2020	\$408,768

	disease dementia.	Wales			
	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	2017	2021	\$838,845
	Characterising neurobiological abnormalities in Cannabis Use Disorders	University of Wollongong	2017	2020	\$731,571
	Do ongoing cognitive demands affect the efficacy of transcranial electrical brain stimulation in young and older healthy adults?	University of Queensland	2017	2019	\$627,857
	The effects of the western diet on cognition in rats	University of New South Wales	2017	2020	\$689,326
	Oxytocin enhancement of social learning in the treatment of toddlers with autism	University of Sydney	2017	2020	\$1,228,465
	A randomised controlled trial of Cognitive Bias Modification training during early recovery from alcohol dependence	Monash University	2017	2019	\$531,685
	A randomized controlled trial of oxytocin nasal spray for alcohol dependence	University of Sydney	2017	2019	\$673,035
	Neural trajectories towards vulnerability versus resilience: A longitudinal twin study	University of New South Wales	2017	2021	\$1,258,288

	Driving under the influence of psychoactive prescription benzodiazepines and alcohol	Swinburne University of Technology	2017	2020	\$425,048
	Apathy in dementia: Identifying mechanisms for targeted interventions	University of New South Wales	2017	2019	\$514,404
	Altered sense of identity in dementia: cognitive and neurobiological underpinnings	University of New South Wales	2017	2019	\$108,902
	BDNF Genotype and Emotional Memory in Post-traumatic Stress Disorder	University of Tasmania	2017	2019	\$108,902
健康、临床与咨询心理学	Anabolic steroids: The emergent public health threat facing Australian boys and men	Macquarie University	2017	2020	\$318,768
	Understanding relapse in posttraumatic stress disorder: An investigation of return of fear.	University of New South Wales	2017	2020	\$255,014
	Early interventions for Primary and Comorbid Substance Use in Young People: Engagement, Innovation, Technology and Translation	Queensland University of Technology	2017	2021	\$706,370
	Supportive care and patient empowerment in the cancer context.	University of Sydney	2017	2021	\$863,910
	Improving access to psychological treatment and the mental health of Australians with chronic physical disease.	Macquarie University	2017	2020	\$425,048
	Randomised controlled trial of an integrated cognitive-behavioural therapy for	University of New South	2017	2019	\$945,647

	the treatment of co-occurring post traumatic stress disorder and substance use disorder in adolescents	Wales			
	The R2C Program: A randomised controlled trial of a telephone-based intervention for alcohol misuse	Monash University	2017	2019	\$727,611
	Improving outcomes for people with depression in community settings: A cluster RCT	University of Newcastle	2017	2020	\$803,554
	Developing a psychological model of care for adolescents and young adults with complex congenital heart disease	University of Sydney	2017	2019	\$86,117
	Development of a transdiagnostic intervention for patients with cancer experiencing anxiety in the context of ongoing uncertainty	University of Sydney	2017	2018	\$72,768
神经病学与神经 肌肉疾病	Identifying and modifying lifestyle risk factors to improve health outcomes in multiple sclerosis	University of Melbourne	2017	2020	\$318,768
	The identification of novel genetic loci and pathways associated with ALS through interrogation of multiple integrated genomics data sets	University of Queensland	2017	2020	\$318,768
	Understanding the cause of muscle weakness in Nemaline myopathy (NM) – moving towards the development of targeted treatments	University of Sydney	2017	2020	\$408,768
	Molecular mediators, epigenetic modulators and therapeutic targets for	Florey Institute of	2017	2021	\$763,845

	cognitive disorders	Neuroscience and Mental Health			
	Improving outcomes for individuals and families affected by genetic disease.	University of Western Australia	2017	2021	\$838,845
	Detection of Somatic Mutations in Sporadic Epilepsies	University of Melbourne	2017	2020	\$1,256,166
	Understanding the early disease mechanisms of motor neuron disease and frontotemporal dementia	Macquarie University	2017	2019	\$692,487
	Translational Research Platform for Dementia	Queensland Institute of Medical Research	2017	2020	\$425,048
	Pathophysiology, site of disease onset and mechanisms of spread in amyotrophic lateral sclerosis	University of Sydney	2017	2021	\$704,270
	Tracing iron from neurodevelopment to neurodegeneration in Parkinson's disease	Florey Institute of Neuroscience and Mental Health	2017	2020	\$425,048
	Dietary therapies for the treatment of drug-resistant epilepsy	University of Melbourne	2017	2018	\$69,757
	Communication, quality of life and advance care planning for people with motor neurone disease and their caregiver.	University of Melbourne	2017	2019	\$108,902

	Diagnostic and therapeutic implications of whole genome sequencing and phenotyping in hereditary spastic paraplegia	University of Sydney	2017	2019	\$124,676
	Frontotemporal dementia and motor neurodegenerative syndromes	University of Sydney	2018	2022	\$17,069,580
神经科学	How to diagnose ataxia	Bionic Ear Institute	2017	2020	\$227,261
	Dissecting the role of cortico-striatal circuitry on habit formation	University of Sydney	2017	2020	\$408,768
	New approaches for the discovery of obesity causing genes	Garvan Institute of Medical Research	2017	2021	\$863,910
	“The Aftershock” – Understanding the impact of traumatic brain injury on depression and emotional regulation.	University of Sydney	2017	2020	\$678,771
	The effect of anti-fibrinolytic drugs on blood-brain barrier integrity and the immune response in traumatic brain injury	Monash University	2017	2020	\$870,476
	Neuronal integration of taste and energy	Garvan Institute of Medical Research	2017	2021	\$1,214,852
	NPY coordination of energy balance and physical activity	Garvan Institute of Medical Research	2017	2020	\$844,596
	Investigation of the function of the scaffolding protein LIN-2/CASK in cholinergic synapses	University of Queensland	2017	2020	\$911,656

	APLP2: a neuroprotective receptor for acute brain injury	University of Melbourne	2017	2019	\$648,739
	Improving Human fMRI through Modeling and Imaging Microvascular Dynamics	University of Queensland	2017	2021	\$486,144
	Towards better detection and management of sports concussion in Australia	Monash University	2016	2017	\$200,027
	Biomarkers to aid clinical trials for neurodegenerative disease	Florey Institute of Neuroscience and Mental Health	2018	2022	\$13,179,875
精神病学（包括心理治疗）	Early antipsychotic exposure during childhood and adolescence: Does it lead to long term brain and behaviour changes in adulthood?	University of Wollongong	2017	2020	\$318,768
	Neurobiology of schizophrenia and translation into new treatments	University of New South Wales	2017	2021	\$763,845
	Improving treatment responses for co-occurring mental and substance use disorders	University of New South Wales	2017	2021	\$631,370
	A randomised controlled trial of NMDA antagonist, memantine, for the treatment of borderline personality disorder	Monash University	2017	2019	\$993,067
	Inflammation and oxidative stress in emerging psychotic and mood disorders	University of Melbourne	2017	2018	\$432,619
	Mapping the specific pathways to early-onset mental health disorders	University of Sydney	2017	2021	\$1,287,730

	The efficacy of N-acetyl cysteine as an adjunctive treatment for first episode psychosis	University of Melbourne	2017	2021	\$2,143,069
	Neurodevelopmental risk factors for depression from childhood to early adulthood	University of Melbourne	2017	2020	\$470,144
	Nutraceuticals and Lifestyle Modification for Mood and Anxiety Disorders	University of Melbourne	2017	2020	\$425,048
	Depression and Anxiety Neuroscience	University of Melbourne	2017	2020	\$470,144
	An integrated model of environmental, neurodevelopmental, and epigenetic resistance and responsiveness to early intervention in childhood psychopathology.	University of Sydney	2017	2021	\$846,110
	Improving cardiovascular health and quality of life in people with severe mental illness: a randomised trial of a 'partners in health' intervention	Flinders University	2017	2020	\$960,320
	Clinical Outcomes with Electroconvulsive Therapy: Insights from Computational Modelling	University of New South Wales	2017	2019	\$347,767
	Modifying Cognitive Trajectories Using Computerised Cognitive Training	University of Sydney	2017	2018	\$72,768
感觉系统	Neural computations for predictive coding in visual cortex	Monash University	2017	2019	\$479,832
	The use of microRNA as novel therapeutic targets for reducing retinal inflammation and degeneration	Australian National University	2017	2019	\$349,076

	A novel technique for prolonged silencing of visceral pain without opiates	Flinders University	2017	2020	\$637,383
	Ictal Characteristics of Common Vestibular Diseases	University of Sydney	2017	2019	\$281,573
	Mapping the human retina: a foundation study	University of Sydney	2017	2019	\$411,555
	Rapid plasticity in sensory systems - linking neuronal adaptation and perception	Monash University	2017	2020	\$650,810
视觉科学	Harnessing anticalin technology as a multi-targeted treatment approach for vision loss	Monash University	2017	2019	\$627,273
	Young adult myopia: genetic and environmental associations	University of Western Australia	2017	2020	\$809,271
	Targeting at risk relatives of glaucoma patients for early diagnosis and treatment (TARRGET)	University of Western Australia	2016	2018	\$595,375