

L.E.W. Carty Charitable Fund

Grants awarded prior to the Carty Signature Grant program

This record lists medical research grants approved through the L.E.W. Carty Charitable Fund prior to the establishment of the Carty Signature Grant program, from 1981 to 2019. Grants are grouped by financial year, most recent first.

FY2019		
Organisation	Project	Grant amount
Walter and Eliza Hall Institute of Medical Research	LEW Carty Centenary Fellowship for Cancer Research - Fifth and final year 2019	\$100,000
FY2018		
Organisation	Project	Grant amount
Walter and Eliza Hall Institute of Medical Research	Developing a Novel Asthma Treatment – Dr Rhys Allen	\$125,000
St Vincent's Institute of Medical Research	A novel therapeutic approach for lowering cholesterol and suppressing atherosclerosis	\$125,000
FY2017		
Organisation	Project	Grant amount
Monash University	Diagnosis and intervention for suboptimal brain development in low birthweight infants to prevent long-term motor, cognitive and behavioural problems	\$250,000
Walter and Eliza Hall Institute of Medical Research	LEW Carty Centenary Fellowship for Cancer Research - Fourth year 2018	\$100,000
FY2016		
Organisation	Project	Grant amount
Australian College of Optometry	Generating the next generation of bionic eyes	\$180,000
Walter and Eliza Hall Institute of Medical Research	LEW Carty Centenary Fellowship for Cancer Research - Third year 2017	\$100,000
FY2015		
Organisation	Project	Grant amount
The University of Melbourne	Finding a cure for HIV through new drugs that boost immune function	\$130,502
The Royal Victorian Eye and Ear Hospital	High speed video to assess eye movements in vestibular dysfunction - a validation study	\$103,757
Walter and Eliza Hall Institute of Medical Research	LEW Carty Centenary Fellowship for Cancer Research - Second year 2016	\$100,000
Monash University	Detecting brain injury in babies born small	\$95,772
National Vision Research Institute	Generating the next generation of bionic eyes	\$46,000

FY2014		
Organisation	Project	Grant amount
Walter and Eliza Hall Institute of Medical Research	LEW Carty Centenary Fellowship for Cancer Research - First year 2015	\$100,000
O'Brien Institute	Radiation Induced Coronary Artery Disease	\$70,000
St Vincent's Institute of Medical Research	Making umbilical cord blood stem cell transplants a reality for patients with blood cell diseases	\$50,000
FY2013		
Organisation	Project	Grant amount
Cancer Council Victoria	Venture Grants Scheme	\$100,000
The University of Melbourne	J-Meter: Home phototherapy for jaundiced newborns	\$67,000
National Vision Research Institute	Recreating vision in the retina using electrical stimulation	\$55,000
Monash University	Cord blood stem cells to reduce brain injury in preterm infants	\$50,000
St Vincent's Institute of Medical Research	Metabolic stress sensing by AMPK: implications for energy balance and therapeutics	\$40,211
O'Brien Institute	Growing capillary networks from multicellular spheroids for rapid enhancement of vascularization in complex wounds and tissue engineering constructs	\$39,902
Hudson Institute of Medical Research	Giving Infertility Treatment the Personal Touch	\$31,250
FY2012		
Organisation	Project	Grant amount
Walter and Eliza Hall Institute of Medical Research	Personalised Medicine through Proteomics: purchase of a Mass Spectrometer for use in the emerging field of proteomics	\$300,000
Monash University	SNAC Study: Satiety, Nutrition and Appetite in Children	\$58,936
Deakin University	Does the endosteal surface area of bone contribute to glycaemic control via undercarboxylated osteocalcin in post-menopausal women?	\$37,722
St Vincent's Institute of Medical Research	Finding the Key to Bone Strength	\$23,250
FY2011		
Organisation	Project	Grant amount
Peter MacCallum Cancer Foundation	Predictive Biological Factors for the Development of Brain Metastases in patients with Her-2 positive breast cancer	\$60,000
The University of Melbourne	Development of a prediction tool for persistent depression using genetic analysis	\$60,000
Florey Institute of Neuroscience and Mental Health, The	Studying Cognition in Alzheimer's Disease	\$56,150
Swinburne University of Technology	Controlling Infection Through Bacterial Sensing	\$50,000
Victoria University	Improving function in cerebral palsy through movement imagery training	\$41,321

FY2011 continued on next page ...

Hudson Institute of Medical Research	Edometrial-trophoblast interactions: identifying critical regulators of implantation and placentation - purchase of equipment	\$40,000
Deakin University	Treatment-resistant depression: How do stress hormones alter antidepressant responses?	\$39,714
St Vincent's Institute of Medical Research	Development and utilisation of models of human Osteosarcoma	\$32,000
Cabrini Institute	A Qualitative Study Investigating Quality of Life in Octogenarians Following Cardiac Surgery	\$21,917

FY2010		
Organisation	Project	Grant amount
Swinburne University of Technology	Understanding and treating Major Diseases Through T-Cell Research	\$132,500
St Vincent's Hospital	Biological Scaffolds for the Repair of Spinal Cord Injury	\$32,700
Bionics Institute	Monitoring Brain Activity to Predict Epileptic Seizures	\$30,000
St Vincent's Institute of Medical Research	How Does Bacterial Infection Affect Susceptibility to Type 1 Diabetes?	\$15,500
Fight Cancer Foundation Ltd	The Bone Marrow Research Laboratories	\$14,450

FY2009		
Organisation	Project	Grant amount
Federation University	Biomedical Research Centre at the University of Ballarat: Establishment of the LEW Carty Laboratory	\$300,000
O'Brien Institute	Repairing Cardiac Muscle with Stem Cells	\$98,855
Monash University	Use of Artificial Extracellular Matrices for Skin Regeneration	\$81,000
Heart Foundation Victoria	Gender differences in heart disease	\$60,000
Victoria University	Molecular and Gene Characteristics of Skeletal Muscle in Patients with Osteoarthritis	\$41,811
Murdoch Childrens Research Institute	Building the Juvenile Idiopathic Biobank at the Murdoch Childrens Research Institute: Opportunities for Risk Factor Identification	\$40,000
Florey Institute of Neuroscience and Mental Health, The	Studying the effects of inhalant abuse on the teenage brain - an animal model	\$35,000
Monash Institute of Medical Research	Severe radiotherapy reactions: genome-wide exon array analysis and early radiation response	\$31,059
Bone Marrow Donor Institute	Finding New Markers for the Early Detection of Ovarian Cancer	\$30,000
The University of Melbourne	Linking Diet to Diabetes	\$21,000
La Trobe University	The impact of indoor allergen exposure on asthma exacerbations in children and adolescents	\$18,910
St Vincent's Institute of Medical Research	Designing New Strategies to Fight Alzheimer's Disease	\$12,300
RMIT University	Improved detection of Clostridium difficile and a new method to track highly lethal hospital-acquired infections due to Clostridium difficile	\$5,900

FY2008		
Organisation	Project	Grant amount
Monash University	The Health and Wellbeing After Breast Cancer Study	\$100,000
Cancer Council Victoria	Developing a new drug against breast cancer	\$100,000
The Mental Health Research Institute of Victoria (MHRI)	Examining the Role of Astrocytes in Mental Illness	\$64,500
St Vincent's Hospital	Live (real-time) 3D transoesophageal Echocardiography Probe	\$57,000
Baker Heart and Diabetes Institute	Identification of Novel Genes Influencing Development of Type 2 Diabetes - Phase 2	\$40,000
Monash Institute of Medical Research	Adult Stem Cells from the Human Uterus for Pelvic Floor Prolapse Surgery	\$35,040
Murdoch Childrens Research Institute	Motor Imagery Ability of Children with Cerebral Palsy	\$32,159
Heart Foundation Victoria	A Genetic Understanding of High Blood Pressure	\$30,000
Florey Institute of Neuroscience and Mental Health, The	Real Time Brain Imaging	\$23,522
FY2007		
Organisation	Project	Grant amount
O'Brien Institute	Tissue Engineering of Cardiac Muscle - Towards a New Heart	\$82,125
Baker Heart and Diabetes Institute	Purchase of an Ultra Low Temperature Archive Facility	\$67,000
The Jean Hailes Foundation for Women's Health	Adopting a holistic approach to managing chronic disease in women - investigating the psychological aspects of Polysystic Ovary Syndrome	\$50,000
Monash University	The Effects of Hospitalisation on Children's Sleep Monash Uni No. 2006002163	\$35,500
Alfred Hospital	Inhibition of APP and APLP ² using siRNA to investigate protein function possible therapies for Alzheimer's Disease.	\$32,500
Murdoch Childrens Research Institute	Evaluation of ecological measures of executive function following pediatric traumatic brain injury	\$32,202
The Mental Health Research Institute of Victoria (MHRI)	New Plate Reader Technology for research into depression, bipolar disorder & schizophrenia	\$25,000
Alfred Hospital	Analysing Proteolytic Cleavage of Mutant Ataxin-1 in the CNS	\$25,000
Heart Foundation Victoria	How can Altered Kidney Development Cause Blood Pressure?	\$25,000
Florey Institute of Neuroscience and Mental Health, The	Understanding inhalant abuse in teenagers	\$23,000
Monash University	Part cost of high-content analysis facility for medical research	\$22,168
International Diabetes Institute	Identification of Novel Genes Influencing Development of Type 2 Diabetes	\$20,000
Burnet Institute	Development of cell culture systems for the examination of novel hepatitis C antiviral agents.	\$20,000

FY2007 continued on next page ...

Monash University	Purchase of Freezer for Research Project: Dietary fat intake and body composition: relationship to tissue inflammation & non-alcoholic fatty liver disease (NAFLD) Monash Uni No. 2006002164	\$19,975
Monash University	Evaluation of the role of cartilage degrading enzymes in the pathogenesis of rheumatoid & osteoarthritis	\$9,881
Caulfield General Medical Centre	Wellness Intervention Study in older people following hip surgery	\$9,382
Monash University	Antidepressant use in nursing homes: A longitudinal investigation Monash Uni No. 2006002162	\$6,000

FY2006

Organisation	Project	Grant amount
Centre for Eye Research Australia	Identification of disease gene in families with short-sightedness (myopia)	\$114,347
Monash University	Research Project: The health and wellbeing after breast cancer study.	\$100,000
St Vincent's Hospital	Purchase an autoMACS machine	\$52,500
St Vincent's Hospital	Reducing Perceptual Misses in Diagnostic Imaging: Improved Risk Management and Training	\$45,000
Monash University	Research Project: the role of DSCR1 in Down syndrome and Alzheimer's disease	\$40,000
Monash University	Research Project: Does bone metabolism affect risk of osteoarthritis in healthy women?	\$39,875
Burnet Institute	Gene Therapy for Patients with Cancer, Inflammation and Inherited Childhood Diseases	\$30,000
Heart Foundation Victoria	Preventing cardiovascular disease in obesity	\$25,000
The University of Melbourne	Genetic modifiers of environmental risk factors for longitudinal changes in asthma	\$20,000
Florey Institute of Neuroscience and Mental Health, The	Study of human gene mutation responsible for the inherited neurodegenerative disorder, Huntingdon's disease	\$20,000
Cancer Council Victoria	Cancer Clinical Trials Database	\$17,143
Royal Women's Hospital Foundation	Obesity and its effect on Pregnancy	\$9,020
Monash University	Evaluation of several protein antagonists as potential drugs for the treatment of rheumatoid and osteoarthritis	\$7,127

FY2005

Organisation	Project	Grant amount
Baker Heart and Diabetes Institute	Bioplex Protein Array System	\$120,000
Alfred Hospital	Neurotrauma Basic Research Project for National Trauma Research Institute (NTRI)	\$110,000
Bone Marrow Donor Institute	Two projects: Heart Repair Research Project (\$36,000) and Cord Blood Bank (\$34,089)	\$70,089
Centre for Eye Research Australia	To identify and collect families with short-sightedness (myopia) in order to identify disease genes	\$50,000

FY2005 continued on next page ...

Florey Institute of Neuroscience and Mental Health, The	Lab equipment for use in relaxin research project	\$21,181
Burnet Institute	The Development of Hepatitis C Antiviral Agent	\$20,000

FY2004

Organisation	Project	Grant amount
Bionics Institute	Aiming to apply expertise gained in developing the first neural prosthesis for deafness to neural and brain prostheses for spinal cord and nerve repair	\$91,056
O'Brien Institute	Ischaemia-reperfusion injury of skeletal muscle	\$78,534
Walter and Eliza Hall Institute of Medical Research	The role of the gene, moz, and its impact on Acute Myeloid Leukaemia	\$60,000
Florey Institute of Neuroscience and Mental Health, The	Purchase of equipment for research into ADHD in children	\$53,700
Monash University	Investigation of the biological effects of increased Activin C	\$48,000
Baker Heart and Diabetes Institute	Purchase of 16 Telemetric Biotransmitters	\$44,463
St Vincent's Hospital	The role of protein kinase C in the development of non-Hodgkins lymphomas	\$41,000
Alfred Hospital	Equipment for the new National Trauma Research Institute	\$40,000
Heart Foundation Victoria	Improving Intensive Care Treatments for Children Early after Heart Surgery	\$20,000
Burnet Institute	HIV-associated dementia: Novel ways to prevent HIV infection of astrocytes	\$18,800

FY2003

Organisation	Project	Grant amount
Centre for Eye Research Australia	Family studies to identify disease genes in age related macular degeneration	\$100,000
Hudson Institute of Medical Research	—	\$61,500
Baker Heart and Diabetes Institute	Financial support towards cost of a Confocal Microscope	\$40,000
Monash University	Elucidating the role of DSCRI and ITSNI in intellectual disability	\$35,000
St Vincent's Hospital	Intrinsic & extrinsic factors in the disturbance of the proteinase-antiproteinase balance in human alveoli	\$35,000
Heart Foundation Victoria	The role of DSCR1 in the Down Syndrome Heart	\$20,000
Royal Women's Hospital Foundation	Endometriosis treatment study	\$19,418
Florey Institute of Neuroscience and Mental Health, The	Purchase of cell culture system	\$11,365

FY2002

Organisation	Project	Grant amount
Box Hill Hospital	A comparison of Pre-operative Staging Techniques for Colorectal Cancer	\$65,000

FY2002 continued on next page ...

Monash University	Genetic and environmental risk factors for chronic obstructive pulmonary disease	\$32,803
Florey Institute of Neuroscience and Mental Health, The	Purchase of equipment associated with the measurement of thermogenesis	\$19,210

FY2001

Organisation	Project	Grant amount
The University of Melbourne	Williams Syndrome - links between brain structure, cognition & behaviours in a genetic disorder	\$41,500
Baker Heart and Diabetes Institute	Purchase of laboratory equipment for Dr Michael Hickey	\$30,500
National Vision Research Institute	Membrane breakdown and cortical cataract	\$25,000
Cancer Council Victoria	Clinical Trials in Breast Cancer-2001	\$24,453
Florey Institute of Neuroscience and Mental Health, The	Purchase of a liquid chromatograph semi-preparative flow cell	\$21,665
Heart Foundation Victoria	Role of Skeletal Muscle LIM Protein 1 (SLIM1) in Normal Cardiac Function & Cardiac Failure	\$20,000
The Royal Children's Hospital Foundation No 2 Trust	Evaluation of past oestrogen treatment in late adolescent and young women with Turner's Syndrome	\$10,000

FY2000

Organisation	Project	Grant amount
Monash University	Protection against viral infections - the isolation of a novel gene, ISF21, on human chromosome 21	\$36,409
Heart Foundation Victoria	A medical research program to examine the role of endothelin inhibiting in chronic heart failure	\$30,000
The University of Melbourne	Retraining of Arm Function after Stroke: a randomised controlled trial	\$30,000
Baker Heart and Diabetes Institute	Purchase of an Olympus Photomicroscope	\$23,537
Florey Institute of Neuroscience and Mental Health, The	Purchase of a PowerLab System	\$19,158
Brain Imaging Research Institute	Purchase of equipment for use in study to investigate the role of magnetic resonance spectroscopy (MRS) in the pre-surgical evaluation of epilepsy	\$12,968

FY1999

Organisation	Project	Grant amount
O'Brien Institute	Novel approaches to new tissue growth for injury repair	\$60,000
Monash University	Molecular modelling of the dopamine D5 receptor for the development of new anti-schizophrenia drugs	\$15,300

FY1998

Organisation	Project	Grant amount
National Ageing Research Institute	Role of free radicals in the vascular actions of B-amyloid: relevance to Alzheimer's disease	\$72,733

FY1998 continued on next page ...

The Royal Melbourne Hospital	Arterial Grafts for Coronary Artery Bypass Reconstruction	\$46,000
Monash University	The effect of ethnicity and calcium supplementation on bone mass in pubertal girls	\$40,000
Baker Heart and Diabetes Institute	Purchase of a cryostate & a high resolution microscope	\$24,000
Royal Women's Hospital Foundation	—	\$10,000
Motor Neurone Disease Association of Victoria Inc	—	\$5,000

FY1997

Organisation	Project	Grant amount
The Royal Children's Hospital Foundation No 2 Trust	To assess the effect of bisphosphonate therapy on the lives of children with bone disorder	\$30,000

FY1996

Organisation	Project	Grant amount
The Royal Children's Hospital Foundation No 2 Trust	To determine the nature of bone mass accumulation of children with asthma treated with or without inhaled corticosteroids	\$20,000
National Ageing Research Institute	—	\$8,800
The Mental Health Research Institute of Victoria (MHRI)	—	\$5,925
Monash University	To cover the cost of computer equipment	\$4,558

FY1995

Organisation	Project	Grant amount
The Royal Children's Hospital Foundation No 2 Trust	Research study into the use of disodium pamidronate in polyostotic fibrous dysplasia	\$35,100
O'Brien Institute	Determine the importance of necrotic & apoptotic cell death in cold preserved mycutaneous flaps	\$19,540
Baker Heart and Diabetes Institute	Purchase of Olympus microscope & video system	\$16,097

FY1994

Organisation	Project	Grant amount
Motor Neurone Disease Association of Victoria Inc	Dysphagia in motor neurone disease	\$10,000
Monash University	Control of the allergic immune response to rye grass pollen	\$10,000
Walter and Eliza Hall Institute of Medical Research	Molecular mechanism for physiological cell death	\$10,000
Centre for Molecular Biology and Medicine	Life and health project - funds for a hybrid omnigene in situ programmable thermal cycler	\$9,200
National Stroke Foundation	Funding towards equipment and establishment of new laboratory - ASNI at the Austin	\$3,000
The University of Melbourne	A controlled study of the musculoskeletal health of 200 retired elite ballet dancers	\$2,500

FY1993		
Organisation	Project	Grant amount
Baker Heart and Diabetes Institute	Towards the purchase of a Phosphoimaging Analysis System	\$20,000

FY1992		
Organisation	Project	Grant amount
St Vincent's Hospital	Cool preservation of skin flaps	\$16,000
Murdoch Childrens Research Institute	To employ a research assistant to test the hypothesis related to X chromosome mutations in chondrodysplasia	\$12,500

FY1991		
Organisation	Project	Grant amount
Walter and Eliza Hall Institute of Medical Research	Salary support for a Technical Assistant to Dr Kelso for the second year commencing June 1992	\$74,037
Baker Heart and Diabetes Institute	—	\$22,500

FY1990		
Organisation	Project	Grant amount
Hudson Institute of Medical Research	—	\$40,000
Walter and Eliza Hall Institute of Medical Research	—	\$25,000

FY1981		
Organisation	Project	Grant amount
Walter and Eliza Hall Institute of Medical Research	—	\$2,000
Queen Victoria Medical Centre	—	\$2,000
Mary's Mount Huntington's Disease Care Centre	—	\$2,000