



2009 Ramaciotti Establishment and Major Equipment Grant Recipients

The Ramaciotti Establishment and Major Equipment Grants, each worth \$50,000, have been awarded to 30 recipients undertaking biomedical research. Establishment grants provide financial support for emerging researchers, while equipment grants go towards the purchase of a major piece of equipment.

Name	Recipient Body	Department	Project Title
NSW Recipients			
Dr Hui Chen	University of Technology Sydney	Department Medical and Molecular Bioscience	Inhibition of endoplasmic reticulum stress early in life to reverse metabolic disorders imposed by maternal obesity
Dr Tatyana Chtanova	Garvan Institute of Medical Research	Immunology Program	In vivo dynamic imaging to visualize the role of neutrophils in tumour progression
Dr Vivienne Chuter	University of Newcastle	Department of Podiatry	The reliability of the toe-brachial index as a measure of blood flow and predictor of peripheral arterial disease-related morbidity and mortality in diabetes mellitus.
Prof Anthony Cunningham	Westmead Millenium Institute	Centre for Virus Research	Whole animal imaging
Dr Claus Hallwirth	Childrens Medical Research Institute	Gene Therapy Research Unit	An overlooked peril: The risk of oncogenesis as a consequence of somatic mutations arising from proliferative stress during cellular expansion in gene and cellular therapy applications.
Prof Don Iverson	University of Wollongong	Illawarra Health & Medical Research Institute	d handling workstation for high-throughput lipidomic sample preparation
Dr Nathan Johnson	University of Sydney	Discipline of Exercise and Sport Science	A novel exercise regime to reduce cardiometabolic risk in overweight sedentary individuals
Dr Arun Krishnan	University of New South Wales	Department of Physiology	A novel strategy for preventing neurological disability due to chronic kidney disease
Dr Justin Lees	The Children's Hospital at Westmead	Kids Research Institute	The regulation of cancer cell migration within solid tissue
Dr David Mazzocchi-Jones	University of Wollongong	Graduate School of Medicine	Electrophysiological Investigation of Embryonic Striatal grafts in Huntington's Disease
Dr Laurent Pangon	Garvan Institute of Medical Research	Cancer Research Program	The role of the MCC defect in the DNA damage response and its significance in the treatment of colorectal cancer
Dr Nalini Pather	University of New South Wales	Department of Anatomy	The role of angiogenesis in skeletal muscle repair and stem cell recruitment in dystrophy
Prof Roger Reddel	Childrens Medical Research Institute	Unit Head Cancer Group	Replacement of a Preparative Ultra Centrifuge, plus two essential rotors: Fixed Angle Ti 70 Rotor and Swinging Bucket Rotor SW for cancer, gene therapy and epilepsy research
Prof John Paul Seale	University of Sydney	Department of Pharmacology	Luminex 200 multi-functional analysis system for shared use in the Blackburn precinct
Prof Mathew Vadas	Centenary Institute	Centenary Institute	Live Cell Imaging System
Dr Ostoja Vucic	Westmead Hospital	Department of Neurology	Pathophysiological mechanisms underlying amyotrophic lateral sclerosis

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QLD Recipients			
Prof Nicholas Fisk	University of Queensland	UQ Centre for Clinical Research	A Multi-user Cell Sorting Facility
Prof Ian Frazer	University of Queensland	Diamantina Institute	Proteomics sample preparation workstation for the UQ Diamantina Institute and future Translational Research Institute
Dr Jason Roberts	University of Queensland	Burns Trauma and Critical Care Research	Infection and Survival Imperative – The need for antibiotic dose optimisation in critically ill patients receiving dialysis
SA Recipients			
Dr Jodie Dodd	University of Adelaide	Department of Obstetrics & Gynaecology	Do maternal and infant obesity related genotypes influence efficacy of interventions to limit weight gain in obese pregnant women and obesity in their offspring?
VIC Recipients			
Dr Andrew Carey	Baker Medical Research Institute	Metabolic and Vascular Physiology Research Program	Targeting brown adipose tissue mediated energy expenditure for the treatment of obesity
Prof Albert Frauman	Austin & Repatriation Medical Centre	Clinical Pharmacology and Therapeutics	A Liquid Chromatography Triple Quadrupole Mass Spectrometer
Prof Matthew Gillespie	Prince Henry's Institute of Medical Research	Directoriate	GE Typhoon 9410 high performance gel and blot imager (with micro-array analysis capability)
Dr Kalindi Hettiarachchi	Bernard O'Brien Institute of Microsurgery	Department of Surgery	Investigating the cellular and molecular response of stem cells subjected to mechanical forces
Dr Karla Hutt	Prince Henry's Institute of Medical Research	Female Reproductive Laboratory	When good eggs go bad: Identification of genes associated with the loss of oocyte quality with age
Dr Nicholas Price	Monash University	Department of Physiology	Noise in the brain: predicting behavioural variability from activity in sensory neurons
Dr Diana Stojanovski	La Trobe University	Department of Biochemistry	Protein Trafficking to Mitochondria
Dr Cenk Suphioglu	Deakin University	Centre for Cellular & Molecular Biology	Establishment of a Biosensor Facility at the Centre for Cellular and Molecular Biology (CCMB), Deakin University, Burwood
WA Recipients			
Dr Matthew Kemp	University of Western Australia	School of Women's and Infants' Health	Neutralising Antibody Therapy as a Preventative Treatment for Preterm Birth
Dr Nathan John Pavlos	University of Western Australia	Centre for Orthopaedic Research	Molecular dissection of the structure and function of RANKL mutants in osteoclastic bone resorption