

Grants 1999

NHMRC

National Health and Medical Research Council

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**NATIONAL HEALTH AND MEDICAL RESEARCH COUNCIL
1999 GRANTS BOOK**

DEPARTMENT OF HEALTH AND AGED CARE

CORRIGENDA

CORRIGENDA
NATIONAL HEALTH AND MEDICAL RESEARCH COUNCIL
1999 GRANTS BOOK
DEPARTMENT OF HEALTH AND AGED CARE

Page 5

Omit existing Page 5, substitute new page 5.

Page 16

Omit existing Page 16, substitute new page 16.

Page 150

After page 150, insert additional pages 150-a to 150-k.

Page 185

After page 185, insert additional page 185-a.

Page 222

After page 222, insert additional pages 222-a to 222-c.

Page 230

Omit Amount for NSW of \$239,121, substitute with \$224,260. Omit Total Amount of \$500,692, substitute with \$485,831

Commonwealth AIDS and Related Diseases Grants 1999 – Grant Types by State

| Grants | | New South Wales | Victoria | QLD | South Australia | Western Australia | Tasmania | Australian Capital Territory | Northern Territory | National |
|----------------------|-----------|------------------|------------------|----------------|-----------------|-------------------|---------------|------------------------------|--------------------|------------------|
| Project Grants | No | 15 | 14 | 3 | 4 | 3 | 1 | 2 | - | 42 |
| | \$ | 1,215,990 | 1,243,925 | 215,608 | 228,100 | 178,921 | 19,898 | 182,618 | - | 3,285,060 |
| Scholarships | No | 13 | 9 | 1 | 1 | 2 | - | 1 | - | 27 |
| | \$ | 224,260 | 170,245 | 22,322 | 22,322 | 24,360 | - | 22,322 | - | 485,831 |
| Training Fellowships | No. | 6 | 7 | - | 1 | - | - | - | - | 14 |
| | \$ | 343,527 | 401,547 | - | 51,365 | - | - | - | - | 796,438 |
| TOTALS | No | 34 | 30 | 4 | 6 | 5 | 1 | 3 | - | 83 |
| | \$ | 1,783,776 | 1,815,716 | 237,930 | 301,787 | 203,281 | 19,898 | 204,940 | - | 4,567,329 |

NHMRC Grants 1999 – By NHMRC Category B Classification

All NHMRC project grants excluding Special and National Investigations

| DISCIPLINES | COMPETING GRANTS 1999 | | | CONTINUING GRANTS 1999 | | TOTALS 1999 | |
|---|-----------------------|---------------|------------------|---------------------------|---------------|--------------------|------------------|
| | \$ Support | No. Supported | No. Applications | \$ Support | No. Supported | \$ Total Support | Total No. Grants |
| 037 Psychiatry and psychology | 1,492,413 | 20 | 104 | 2,869,714 | 38 | 4,362,126 | 58 |
| 038 Radiology and organ imaging | - | 0 | 3 | 119,227 | 1 | 119,227 | 1 |
| 039 Renal diseases and sciences (Urology) | 1,166,460 | 13 | 29 | 1,420,728 | 16 | 2,587,188 | 29 |
| 040 Reproduction | 171,795 | 2 | 15 | 952,153 | 13 | 1,123,948 | 15 |
| 041 Respiratory diseases and sciences | 1,408,770 | 15 | 54 | 1,910,020 | 23 | 3,318,790 | 38 |
| 042 Rheumatology | 355,964 | 4 | 15 | 1,237,355 | 16 | 1,593,320 | 20 |
| 043 Surgery | 61,349 | 1 | 16 | 242,762 | 4 | 304,111 | 5 |
| 044 Toxicology | 112,238 | 1 | 7 | 111,137 | 2 | 223,375 | 3 |
| 045 Vision and ophthalmology | 871,961 | 9 | 32 | 1,670,499 | 17 | 2,542,459 | 26 |
| 046 Nuclear medicine | - | 0 | 5 | 112,883 | 3 | 112,883 | 3 |
| 047 Genetics | 939,611 | 11 | 38 | 1,415,864 | 15 | 2,355,475 | 26 |
| 048 Public Health | 1,842,793 | 21 | 84 | 930,630 | 14 | 2,773,423 | 35 |
| 049 Health Economics | 505,980 | 6 | 16 | 50,982 | 1 | 556,962 | 7 |
| TOTAL | 32,786,519 | 378 | 1,567 | 73,441,337 | 850 | 106,227,857 | 1,228 |

RESEARCH FELLOWSHIP AWARDS

Research Fellowship Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

New South Wales

Children's Medical Research Institute

| | | | | |
|---------------|---|--------|---------|------|
| Dr P Tam | Targeted mutation and embryonic development | 970775 | 186,964 | 2Yrs |
| Dr P Robinson | Mechanisms controlling nerve cell communication | 980580 | 178,062 | 3Yrs |

Heart Research Institute

| | | | | |
|--------------|--|--------|---------|------|
| Dr R Stocker | Lipoprotein oxidation and antioxidation in heart disease | 970998 | 141,442 | 2Yrs |
| Dr W Jessup | Cellular control of lipoprotein oxidation in disease | 980598 | 139,740 | 3Yrs |

The New Children's Hospital

| | | | | |
|-------------------------------|-----------------------|--------|---------|-----|
| Dr P Gunning Dr G Schevzov | Control of cell shape | 960776 | 203,834 | 1Yr |
|-------------------------------|-----------------------|--------|---------|-----|

Royal North Shore Hospital

| | | | | |
|------------|--|--------|---------|------|
| Dr C Scott | Regulation of the activation of proteins involved in hormone dependent cancers | 980446 | 183,089 | 3Yrs |
|------------|--|--------|---------|------|

University of Newcastle

| | | | | |
|-----------------|---|--------|---------|------|
| Dr D Van Helden | Mechanisms underlying rhythmic constrictions of smooth muscle | 970798 | 139,030 | 2Yrs |
|-----------------|---|--------|---------|------|

University of New South Wales

| | | | | |
|--------------|---|--------|---------|-----|
| Dr G Symonds | Use of genetically altered immature bone marrow cells to induce leukaemia | 950388 | 152,975 | Nil |
| Dr N Dudman | Origins and effects of elevated | 960686 | 166,561 | 1Yr |

RESEARCH FELLOWSHIP AWARDS

Research Fellowship Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|--|--|----------------|---------------|----------------|
| | homocysteine levels in vascular disease | | | |
| Dr G Halliday Prof G Broe Dr H Creasey | What are the causes of dementia in Australia? | 960735 | 170,818 | 1Yr |
| Prof E McLachlan Dr P Davies | Effects of injuries on nerve cell excitability and connections in sympathetic pathways | 970852 | 208,981 | 2Yrs |
| A/Pr E Burcher | Are neuro-peptides involved in human gastroenterological diseases? | 980200 | 146,281 | 3Yrs |
| Dr S Lord | The role of vestibular impairment in instability and falls in older people | 980232 | 105,350 | 3Yrs |
| Dr A Gero | A new way to target toxic drugs into the malarial parasite. | 991077 | 193,462 | 4Yrs |

University of Sydney

| | | | | |
|---|--|--------|---------|------|
| Dr C Clarke | Role of hormone receptors in breast cancer | 960877 | 139,178 | 1Yr |
| Dr J Barden | Structural bases for the activities of human parathyroid hormone related protein | 960884 | 133,290 | 1Yr |
| Dr T Chan-Ling | Understanding how and why vessels grow and degenerate in the retina | 970632 | 133,847 | 2Yrs |
| A/Pr P Pilowsky Prof J Chalmers | Nerves in the brain that control blood pressure | 980077 | 197,986 | 3Yrs |
| Prof J Black Dr P Johnson A/Pr C Armour | Sensitisation and human airways | 990232 | 232,152 | 4Yrs |

RESEARCH FELLOWSHIP AWARDS

Research Fellowship Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Victoria

Austin Research Institute

| | | | | |
|--------------|--|--------|---------|------|
| Dr M Smyth | NK cell biology | 990127 | 221,080 | 4Yrs |
| Dr J Trapani | How T cells and NK cells kill target cells | 991456 | 296,974 | 4Yrs |

The Foundation for Detection of Genetic Disorders

| | | | | |
|---------------|--|--------|---------|-----|
| Prof R Cotton | New methods for detecting faults in inherited disease and cancer | 960007 | 225,504 | 1Yr |
|---------------|--|--------|---------|-----|

La Trobe University, VIC

| | | | | |
|--------------------------------|----------------------------------|--------|---------|------|
| Dr G Lamb Prof D Stephenson | Control of contraction in muscle | 991496 | 186,301 | 4Yrs |
|--------------------------------|----------------------------------|--------|---------|------|

Monash University

| | | | | |
|-----------------------------|--|--------|---------|-----|
| Dr R Lang | Effects of inhibitory transmitters on the membrane channels of smooth muscle | 950772 | 126,959 | Nil |
| Dr D Walker | Metabolism of the amino acid tryptophan by the fetal and newborn brain | 950801 | 157,335 | Nil |
| Prof P Beart | Receptors in brain for glutamate, the major excitatory transmitter, and neuro-degeneration | 960001 | 214,410 | 1Yr |
| Dr P Rogers Prof D Healy | Control of new blood vessel growth in the uterus | 960041 | 200,715 | 1Yr |
| A/Pr A Walker Dr D Grant | Study of factors causing brain injury in sleep | 960079 | 155,323 | 1Yr |
| Dr G McPherson | Novel ways of controlling blood | 960090 | 137,903 | 1Yr |

RESEARCH FELLOWSHIP AWARDS

Research Fellowship Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|-----------------------------------|---|----------------|---------------|----------------|
| | pressure | | | |
| Dr R Widdop | Role of angiotensin in the control of blood pressure | 970425 | 122,578 | 2Yrs |
| Dr P Tipping Prof S Holdsworth | Interactions between inflammation and coagulation in nephritis | 980828 | 153,855 | 3Yrs |
| Prof U Proske Dr J Gregory | The sensory nerve endings in muscle and their contribution to the control of movement | 980842 | 128,036 | 3Yrs |
| Dr S Hooper | Control of lung growth in the fetus | 980933 | 131,355 | 3Yrs |
| Prof R Harding Dr M Cock | How Factors Influencing Fetal Development Affect Respiratory And Cardiovascular Functions After Birth | 990080 | 229,918 | 4Yrs |
| Dr S Jackson | Identification of critical platelet enzymes regulating blood clot formation | 991040 | 150,462 | 4Yrs |

Prince Henry's Institute of Medical Research

| | | | | |
|-----------------|--|--------|---------|------|
| Dr L Salamonsen | How tissue breakdown occurs at menstruation | 971292 | 152,122 | 2Yrs |
| Dr P Fuller | Mechanism of action of aldosterone | 971293 | 164,821 | 2Yrs |
| A/Pr I Clarke | Neuro-endocrinology of alterations in bodyweight | 981120 | 233,731 | 3Yrs |
| Dr H Majewski | Drug control of the nervous system | 981124 | 193,705 | 3Yrs |
| Dr C Chen | Priming effect of synthetic growth hormone secretagogues on somatotrophs | 990385 | 126,369 | 4Yrs |

RESEARCH FELLOWSHIP AWARDS

Research Fellowship Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

St. Vincent's Institute of Medical Research

| | | | | |
|---------------|--|--------|---------|-----|
| Dr D Campbell | Hormones and the heart | 960229 | 198,709 | 1Yr |
| Prof B Kemp | Enzymes that regulate the body's cells | 960399 | 245,377 | 1Yr |

University of Melbourne

| | | | | |
|---|--|--------|---------|------|
| A/Pr J Bateman | Connective tissue structure and function | 960175 | 340,612 | 1Yr |
| Dr L Brown Dr D Jackson | Increasing the performance of influenza vaccines by stimulating T cell responses | 960184 | 117,279 | 1Yr |
| Dr A Verberne | Control of blood pressure by the brain | 960214 | 115,406 | 1Yr |
| Dr D Small A/Pr V Nurcombe | Cell-surface interactions and Alzheimer's disease | 960226 | 134,845 | 1Yr |
| Dr G Rice Dr E Moses Prof S Brennecke | A new way of controlling human labour | 960232 | 154,829 | 1Yr |
| Prof A Shulkes | Gastrin and somatostatin interactions | 960258 | 215,571 | 1Yr |
| Dr P Blamey Dr C James Prof G Clark | Binaural hearing and spoken language development in cochlear implant and hearing aid users | 970257 | 149,179 | 2Yrs |
| Dr E Anders | Understanding early host defences against influenza virus | 970283 | 128,153 | 2Yrs |
| Dr M Dunlop | Cellular effects of interaction of kidney cells with their surrounding matrix in diabetes | 970310 | 197,875 | 2Yrs |
| Dr A Fosang | New approaches to investigating cartilage degradation in arthritis | 970316 | 133,190 | 2Yrs |
| Dr T Cocks | Novel, local control mechanisms | 970327 | 163,966 | 2Yrs |

RESEARCH FELLOWSHIP AWARDS

Research Fellowship Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|--|----------------|---------------|----------------|
| | of blood flow and gut motility | | | |
| Prof G Hirst Dr F Edwards | Neural control of the heart and visceral organs | 970332 | 178,688 | 2Yrs |
| Dr M Lightowlers | Diagnosis and prevention of infection with hydatids and related parasites | 970344 | 165,391 | 2Yrs |
| Prof J Hamilton Dr S Kanagasundaram | Control of monocyte/macrophage function by growth factor, CSF-1 | 970345 | 241,982 | 2Yrs |
| Dr H Young | Role of nerves in the maturation of the intestine | 970412 | 124,578 | 2Yrs |
| Dr R Ramsay | Examining the role of a gene involved in mouse development | 970585 | 90,426 | 2Yrs |
| Dr G Baldwin | The role of the hormone progastrin in colon cancer growth | 980625 | 132,691 | 3Yrs |
| Dr A Sinclair Dr M O'Neill Dr C Smith | The molecular basis of testis and ovary development | 980628 | 187,910 | 3Yrs |
| Dr B Coulson | Parts of rotavirus and of cells needed for virus to bind to and get inside cells | 980635 | 128,341 | 3Yrs |
| Dr D Jackson Dr L Brown | Synthetic vaccines | 980664 | 178,918 | 3Yrs |
| Dr P Marley | Multiple types of calcium channels in cells | 980675 | 185,886 | 3Yrs |
| Dr D Bowtell | Control of cell growth by the SOS and CBL proteins | 981078 | 195,004 | 3Yrs |
| Dr P Sexton Dr N Tilakaratne | Investigation of how associating proteins modify receptor function | 990024 | 134,644 | 4Yrs |
| Dr M McConville | Regulation of glycosylation in parasitic protozoa | 990269 | 227,593 | 4Yrs |

RESEARCH FELLOWSHIP AWARDS

Research Fellowship Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|--|--|----------------|---------------|----------------|
| Dr M Murphy | Regulation of brain development by growth factors. | 990451 | 143,121 | 4Yrs |
| Dr A Gundlach | Characterisation of the peptide galanin and its multiple receptors in the nervous system | 990761 | 189,468 | 4Yrs |
| A/Pr J Hopper Dr M Southey A/Pr D Venter Dr M Jenkins | Understanding the role of genes in causing breast and colorectal cancers | 991129 | 248,164 | 4Yrs |

Queensland

Queensland University of Technology

| | | | | |
|---------------|---------------------------------|--------|---------|-----|
| Dr J Clements | Kallikrein genes and the uterus | 950859 | 134,532 | Nil |
|---------------|---------------------------------|--------|---------|-----|

University of Queensland

| | | | | |
|------------------------------------|--|--------|---------|------|
| Prof J Campbell Prof G Campbell | Bone marrow, mural thrombi and atherosclerosis progression | 961223 | 153,624 | 1Yr |
| Dr P McCombe Prof M Pender | The causes of ongoing disease in an animal model of multiple sclerosis | 961253 | 137,647 | 1Yr |
| Prof M Roberts | Topical drug delivery | 971047 | 227,203 | 2Yrs |
| Dr G Muscat | Hormonal control of differentiation | 971070 | 138,576 | 2Yrs |
| Dr P Molenaar | Effects of cardio-stimulants on human heart | 980744 | 121,269 | 3Yrs |
| Dr R Dickinson | Understanding side effects of acidic drugs | 981186 | 203,928 | 3Yrs |
| Prof D James | Mechanisms of insulin action | 981196 | 183,585 | 3Yrs |
| Dr D Pow | Understanding how the brain regulates amino acid neuro- | 981203 | 111,814 | 3Yrs |

RESEARCH FELLOWSHIP AWARDS

Research Fellowship Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---|----------------|---------------|----------------|
| | transmitters | | | |
| Dr P Dodd | How alcoholism causes damage to the human brain | 981723 | 179,139 | 3Yrs |
| Dr M Rosa | Anatomy and physiology of the visual areas of the brain | 990007 | 132,695 | 4Yrs |
| Dr J Keast | How sex hormones keep the nervous system healthy | 990034 | 190,444 | 4Yrs |
| Dr J Wanstall | Drugs for Pulmonary Hypertension | 990093 | 201,508 | 4Yrs |

South Australia

University of Adelaide

| | | | | |
|----------------------------|---|--------|---------|-----|
| Dr D Kennaway | Melatonin and the biological clock | 960494 | 135,315 | 1Yr |
| Dr M Gibson Dr E Cleary | Microfibrils control elastin formation in health and diseases | 960495 | 165,191 | 1Yr |

Flinders University of South Australia

| | | | | |
|--------------------------------|---|--------|---------|------|
| A/Pr J Morris | Control of blood flow by sympathetic nerves | 950012 | 149,043 | Nil |
| Dr W Tilley Prof V Marshall | Examination of factors influencing the progression of human prostate cancer | 950013 | 157,711 | Nil |
| Dr P Mackenzie | Cellular processes that inactivate drugs and toxic chemicals | 950049 | 201,773 | Nil |
| Dr R Rodgers | Maturation of ovarian granulosa cells | 960427 | 156,786 | 1Yr |
| Dr K Williams Prof D Coster | Transplantation of tissues at the front of the eye | 970035 | 130,043 | 2Yrs |
| Dr I Llewellyn-Smith | Spinal cord and brainstem nerves | 980328 | 187,517 | 3Yrs |

RESEARCH FELLOWSHIP AWARDS

Research Fellowship Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

that control blood pressure

| | | | | |
|----------------------------------|---|--------|---------|------|
| Dr P Hart Prof J Finlay-Jones | Studies of a cytokine receptor on blood monocytes and inflammatory cells | 980335 | 170,517 | 3Yrs |
| A/Pr W Blessing | How we go pale with fright | 980343 | 250,093 | 3Yrs |
| Dr X Zhou | Roles of neuro-trophins in damaged sensory neurons and in nerve injury-induced pain | 980346 | 117,399 | 3Yrs |
| Dr J Minson Dr L Arnolda | Neurotransmitter chemicals in nerves controlling the heart and blood vessels | 980455 | 165,069 | 2Yrs |

Institute of Medical and Veterinary Science

| | | | | |
|-----------------------------|--|--------|---------|-----|
| A/Pr T Gonda Dr J Rayner | A genetic approach to understand how a receptor for a blood cell growth factor works | 960548 | 198,110 | 1Yr |
| A/Pr L Ashman | Regulation of cellular responses to a growth factor (stem cell factor) | 960549 | 196,372 | 1Yr |

Western Australia

University of Western Australia

| | | | | |
|---|---|--------|---------|------|
| Dr G Yates | Cochlear acoustic emissions | 960566 | 155,504 | 1Yr |
| Prof R Goldie Dr P Rigby | Endothelin and nerve function in the lung | 960589 | 167,103 | 1Yr |
| Dr E Baker Prof E Morgan | Iron metabolism and the therapeutic potential of iron chelators | 961344 | 183,335 | 1Yr |
| Prof V Alder Dr D Yu Dr S Cringle | The ocular micro-circulation: cellular and metabolic regulation | 970090 | 271,459 | 2Yrs |

RESEARCH FELLOWSHIP AWARDS

Research Fellowship Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|------------------------------|---|----------------|---------------|----------------|
| Dr N Laing | How do gene mutations cause neuromuscular disease? | 970104 | 135,423 | 2Yrs |
| A/Pr P Sly | Measuring the mechanics of infant's airway and lung tissues separately | 970164 | 147,614 | 2Yrs |
| Prof C Sanderson | The molecular basis of inflammation in allergy | 980546 | 173,107 | 3Yrs |
| A/Pr W Thomas | House dust mite allergens and antigens in allergy | 980566 | 205,071 | 3Yrs |
| Prof P Holt Dr P Stumbles | Studies on lung dendritic cells | 980567 | 266,686 | 3Yrs |
| Dr P Henry | Endothelin, allergens and respiratory tract viruses in mouse airways | 981662 | 123,771 | 3Yrs |
| Dr W Langdon Ms C Thien | The role of the Cbl oncogene in regulating cell growth | 990035 | 210,667 | 4Yrs |
| Dr A Scalzo | Host genetic regulation of Natural Killer cell control of virus infections. | 990646 | 134,990 | 4Yrs |

Australian Capital Territory

Australian National University

| | | | | |
|--------------|---|--------|---------|------|
| Dr S Chung | Studies on ion channels of living membranes applying some powerful new technologies | 960996 | 122,179 | 1Yr |
| Dr M Calford | Development of models for adult brain responses to injury | 961226 | 163,866 | 1Yr |
| Prof I Clark | The mechanism of unconsciousness in human cerebral malaria | 971024 | 149,483 | 2Yrs |

RESEARCH FELLOWSHIP AWARDS

Research Fellowship Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

The Canberra Hospital

| | | | | |
|-----------------|--|--------|---------|------|
| Dr D Willenborg | New approaches to inhibit inflammation of the central nervous system | 961010 | 129,863 | 1Yr |
| Dr H Warren | Understanding human NK cell proloferation | 971000 | 192,634 | 2Yrs |

Northern Territory

Menzies School of Health Research

| | | | | |
|---|--|--------|---------|-----|
| Dr W Hoy Prof J Mathews Dr D Pugsley Dr D McCredie | Towards understanding and preventing kidney disease in Australian Aborigines | 951342 | 238,516 | Nil |
|---|--|--------|---------|-----|

Summary

| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
|--------------------|--------------------|------------------|
| NEW SOUTH WALES | 19 | 3,153,042 |
| VICTORIA | 50 | 8,757,252 |
| QUEENSLAND | 13 | 2,115,963 |
| SOUTH AUSTRALIA | 14 | 2,380,938 |
| WESTERN AUSTRALIA | 12 | 2,174,731 |
| ACT | 5 | 758,025 |
| NORTHERN TERRITORY | 1 | 238,516 |
| <i>Totals:</i> | 114 | 19,578,467 |

Public Health Post-Training Fellowships

Fellowships awarded in 1995 under a previous Public Health Fellowships Scheme.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

New South Wales

University of Sydney

| | | | | |
|-------------|---|--------|--------|-----|
| Dr M Dobson | Sydney Inner West Older Persons Project: Neurological effects of wartime trauma | 954206 | 22,453 | 1Yr |
|-------------|---|--------|--------|-----|

Victoria

Anti-Cancer Council of Victoria

| | | | | |
|---------------|------------------|--------|--------|-----|
| Dr A Kavanagh | Cancer Screening | 954211 | 39,773 | Nil |
|---------------|------------------|--------|--------|-----|

Deakin University

| | | | | |
|---------------|---|--------|--------|-----|
| Dr D Crawford | Dietary Change and physical activity in weight control | 954205 | 53,768 | Nil |
| Dr C Finch | The Epidemiology of Sports Injuries in Victoria - Its translation into prevention | 954207 | 54,506 | 1Yr |

Summary

| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
|-----------------|--------------------|------------------|
| NEW SOUTH WALES | 1 | 22,453 |
| VICTORIA | 3 | 148,047 |
| <i>Totals:</i> | 4 | 170,500 |

Public Health Scholarships

These scholarships provide full time research experience to honours graduates in science or a health related discipline.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

New South Wales

Macquarie University

| | | | | |
|--------------|--|--------|--------|-----|
| Mr A Baillie | Macquarie Panic Early Intervention Program | 987401 | 22,322 | Nil |
|--------------|--|--------|--------|-----|

Royal Prince Alfred Hospital

| | | | | |
|------------|----------------------------------|--------|-------|-----|
| Ms P Craig | Sociocultural aspects of obesity | 987405 | 8,745 | Nil |
|------------|----------------------------------|--------|-------|-----|

University of Newcastle

| | | | | |
|----------------|--|--------|--------|-----|
| Ms L Mackenzie | Factors which are predictive of the risk of falls/accidents amongst older people living in their own homes | 987416 | 16,254 | Nil |
|----------------|--|--------|--------|-----|

University of Sydney

| | | | | |
|--------------|---|--------|--------|-----|
| Ms M Fransen | Cost-effectiveness of two forms of physiotherapy for osteoarthritis of the knee | 987411 | 19,388 | 1Yr |
| Mrs J Wang | Incidence and progression of Age-related Maculopathy in a population-based cohort | 987445 | 17,635 | Nil |
| Mr T Dobbins | Methods for analysing longitudinal data from a cluster-randomised trial | 997648 | 17,635 | Nil |

TRAINING AWARDS - SCHOLARSHIPS

Public Health Scholarships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Victoria

Anti-Cancer Council of Victoria

| | | | | |
|------------|--|--------|--------|------|
| Ms H Dixon | Portrayal of Substance Use in Popular Films: An Investigation of Audience Impact | 997647 | 17,635 | 2Yrs |
|------------|--|--------|--------|------|

La Trobe University

| | | | | |
|------------|---|--------|--------|-----|
| Ms L Keogh | Private choices, public consequences: women's use of the "morning after pill" | 987428 | 17,635 | 1Yr |
|------------|---|--------|--------|-----|

Monash University

| | | | | |
|--------------|--|--------|--------|------|
| Ms H Cox | Aetiological Determinants & Risk Factors for Type 2 Diabetes in Rural & Urban Populations in South India | 997646 | 17,855 | 2Yrs |
| Miss K Smith | Out-of-Hospital cardiac arrest: Investigating Melbourne's "chain of survival" | 997659 | 17,635 | 2Yrs |

Queensland

Queensland University of Technology

| | | | | |
|---------------|---|--------|--------|------|
| Ms S Dwyer | School-based Mental Health Promotion: Identifying Family risk Factors, Early Symptoms & Intervention strategies | 987409 | 17,635 | 1Yr |
| Ms P Mitchell | Breaking the intergenerational cycle of disadvantage: Promoting health of children of parents with problems. | 997654 | 17,635 | 2Yrs |

TRAINING AWARDS - SCHOLARSHIPS

Public Health Scholarships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

University of Queensland

| | | | | |
|-------------|---|--------|--------|------|
| Mr J Connor | The relative contribution of cognitive and genetic influences towards alcohol problems | 997551 | 22,322 | 1Yr |
| Ms S Mickan | What makes effective teams: Using personal construct theory to investigate health environments | 997557 | 22,322 | 1Yr |
| Ms S Peake | Transcending the boundaries of the body: narrative of corporeal anomaly following disease or accident | 997560 | 22,322 | 2Yrs |

South Australia

University of Adelaide

| | | | | |
|--------------|---|--------|--------|------|
| Ms J Harford | Audit commissions, Public Sector Health Care and Public Health, an alternative economic approach | 987421 | 17,635 | 1Yr |
| Mr B Graetz | Attention deficit/hyperactivity disorder: prevalence, functional impairment & service utilisation in children | 997553 | 22,322 | 2Yrs |

Summary

| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
|-----------------|--------------------|------------------|
| NEW SOUTH WALES | 6 | 101,979 |
| VICTORIA | 4 | 70,760 |
| QUEENSLAND | 5 | 102,236 |
| SOUTH AUSTRALIA | 2 | 39,957 |
| <i>Totals:</i> | 17 | 314,932 |

Contents

| | |
|--|-----------|
| Introduction..... | 1 |
| Grants 1999..... | 1 |
| National Health and Medical Research Council | 1 |
| The 1999 Round of Health and Medical Research Grants | 2 |
| Summary of 1999 Grants | 3 |
| NHMRC Grants 1999—Grant Types by State..... | 4 |
| Commonwealth AIDS and Related Diseases | |
| Project Grants - Grant Types by State..... | 5 |
| NHMRC 1999 Project Grants - By State and Institution | 6 |
| NHMRC Grants 1999 - BY NHMRC Category B | |
| Classification..... | 14 |
| SECTION 1 RESEARCH GRANTS | 17 |
| Block-Funded Research Institute Grants..... | 18 |
| Research Unit Grants..... | 20 |
| Program Grants..... | 22 |
| Project Grants..... | 26 |
| New South Wales | 26 |
| Victoria | 53 |
| Queensland | 81 |
| South Australia..... | 92 |
| Western Australia | 103 |
| Tasmania..... | 112 |
| Australian Capital Territory | 113 |
| Northern Territory..... | 114 |
| Development Grants | 116 |
| Diabetes Collaborative Research Grants..... | 117 |

Contents

| | |
|--|------------|
| Five-Year Extended Project Grants..... | 119 |
| Extended Epidemiology Project Grants..... | 121 |
| Special Initiative Grants..... | 122 |
| Priming Grants..... | 128 |
| Bridging Support..... | 132 |
| Special Investigations | 133 |
| National Investigations | 134 |
| Commonwealth AIDS and Related Diseases Research Grants Projects | 135 |
| Centres of Clinical Excellence Grants..... | 141 |
| Radiofrequency Electromagnetic Energy Research..... | 144 |
| SECTION 2 RESEARCH FELLOWSHIP AWARDS..... | 146 |
| Research Fellowship Project Grants..... | 147 |
| R Douglas Wright Awards..... | 151 |
| Burnet Fellowships..... | 154 |
| SECTION 3 TRAINING AWARDS | 155 |
| C J Martin Fellowships | 156 |
| R G Menzies Fellowships | 156 |
| C J Martin Fellowships | 157 |

Contents

| | |
|---|-----|
| Neil Hamilton Fairley Fellowships | 165 |
| Public Health Overseas Fellowships | 169 |
| Commonwealth AIDS and Related Diseases Overseas Fellowships..... | 170 |
| INSERM Fellowships | 172 |
| Peter Doherty Fellowships | 173 |
| Australian Applied Health Sciences Fellowships..... | 178 |
| Public Health Fellowships | 181 |
| Commonwealth AIDS and Related Diseases Fellowships | 186 |
| Howard Florey Centenary Fellowships | 189 |
| Gustav Nossal Scholarships..... | 191 |
| Medical Postgraduate Research Scholarships | 193 |
| Dental Postgraduate Research Scholarships | 208 |
| Dora Lush (Biomedical) Postgraduate Research Scholarships..... | 210 |
| Public Health Postgraduate Scholarships | 218 |
| Aboriginal Health Research Training Scholarships..... | 223 |
| Commonwealth AIDS and Related Diseases Scholarships | 226 |
| Public Health Travelling Fellowships..... | 231 |

Contents

| | |
|---------------------------------------|------------|
| SECTION 4 HEALTH SERVICES..... | 233 |
| Health Services | 234 |

Introduction

Grants 1999

This publication, Grants 1999, details the health and medical research grants recommended for funding in 1999 by the National Health and Medical Research Council. It is a companion document to the *NHMRC Annual Report 1998* and is intended to be read in association with that report. It complies with the *NHMRC Act 1992* requirements to provide details in the *NHMRC Annual Report* of all recommendations made by the Council during the year to the Commonwealth in performing its function under Paragraph 7(1)(c) of the Act.

National Health and Medical Research Council

Formed in 1936, the NHMRC is the premier agency in Australia for the provision of advice on health and medical issues, and allocates research grants for health and medical research in Australia.

The strategic intent of the NHMRC is to work with others for the health of all Australians by promoting informed debate on ethics and policy, providing knowledge-based advice, fostering a high quality and internationally-recognised research base, and applying research rigour to health issues.

The NHMRC funds research on the basis of scientific excellence through competitive peer review mechanisms. It encourages applications in all research areas and all disciplines, from biomedical research to clinical, health services and public health research.

Further information about NHMRC research grants and awards may be found at the NHMRC World Wide Web address on the Internet:

<http://www.nhmrc.health.gov.au>

Or contact:

Health Research Branch
Office of NHMRC
Mail Drop 33
GPO Box 9848
Canberra ACT 2601

Facsimile: (02) 6289 1329

Telephone: 1800 500 983

The 1999 Round of Health and Medical Research Grants

Advertisements announcing the 1999 round of NHMRC health and medical research grants were placed in all major Australian national newspapers in mid-December 1997. The closing date for applications for project grants was 6 March 1998 by which date the NHMRC received a total of 1564 applications for new grants.

At an Assigners' Panel meeting held in Canberra in April 1998, assessors from among appropriate Australian and overseas researchers in the relevant fields were assigned to each application. These assessments were provided prior to meetings of the Regional Grants Interview Committees (RGICs) which interviewed applicants about their proposed projects. The RGICs met in various Australian State capitals in June and July 1998. Following these meetings, the RGICs recommendations were collated for consideration by the NHMRC Research Committee and funding recommendations made to the Minister for Health and Family Services, the Hon Dr Michael Wooldridge. The Minister announced the successful applicants on 17 November 1998. The processes for the award of scholarships and training fellowships and the other NHMRC awards detailed in Grants 1999 are described on the NHMRC Internet home page.

Note: The year of award of an NHMRC Grant may be determined from the first two digits of the "Regkey Number".

SUMMARY OF 1999 GRANTS

**Please note these tables are not available
electronically.**

SECTION 1

RESEARCH GRANTS

NHMRC awarded the following types of Research Grants for 1999:

- ◆ Block-Funded Research Institute Grants
- ◆ Research Unit Grants
- ◆ Program Grants
- ◆ Project Grants
- ◆ Development Grants
- ◆ Diabetes Collaborative Research Grants
- ◆ Five-Year Extended Project Grants
- ◆ Extended Epidemiology Project Grants
- ◆ Special Initiative Grants
- ◆ Priming Grants
- ◆ Bridging Support
- ◆ National Investigation Grants
- ◆ Commonwealth AIDS and Related Diseases Research Grants and
- ◆ Centres of Excellence Program

Block-Funded Research Institute Grants

Block-funded Research Institutes are, in many ways, the flagships and most visible example of the Federal Government's support of medical research in Australia. The six Institutes—four in Melbourne, one in Sydney and one in Brisbane—are recognised internationally for their continuing contributions to the following fields of medical research:

- ◆ Cardiovascular physiology and disease (Baker Medical Research Institute);
- ◆ Behaviour, endocrinology and molecular biology (Howard Florey Institute of Experimental Physiology and Medicine);
- ◆ Immunology and cancer research (Walter and Eliza Hall Institute of Medical Research);
- ◆ Molecular parasitology, cancer and cell differentiation, and clinical science and population health (Queensland Institute of Medical Research);
- ◆ Diabetes, cancer and ageing (Garvan Institute of Medical Research); and
- ◆ Birth defects (Murdoch Institute for Research into Birth Defects).

| Chief Investigators | Research Institute | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|--------------------|----------------|---------------|----------------|
|---------------------|--------------------|----------------|---------------|----------------|

New South Wales

Garvan Institute of Medical Research

| | | | | |
|--------------|--------------------------------------|--------|-----------|-----|
| Prof J Shine | Garvan Institute of Medical Research | 993050 | 3,167,735 | 1Yr |
|--------------|--------------------------------------|--------|-----------|-----|

Victoria

Baker Medical Research Institute

| | | | | |
|---------------|----------------------------------|--------|-----------|-----|
| Prof J Funder | Baker Medical Research Institute | 993001 | 3,629,118 | 1Yr |
|---------------|----------------------------------|--------|-----------|-----|

RESEARCH GRANTS

Block-Funded Research Institute Grants

| Chief Investigators | Research Institute | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|--------------------|----------------|---------------|----------------|
|---------------------|--------------------|----------------|---------------|----------------|

Howard Florey Institute

| | | | | |
|-------------------|-------------------------|--------|-----------|------|
| Prof F Mendelsohn | Howard Florey Institute | 983001 | 4,360,108 | 2Yrs |
|-------------------|-------------------------|--------|-----------|------|

Murdoch Institute for Research into Birth Defects

| | | | | |
|-------------------|---|--------|-----------|------|
| Prof B Williamson | Murdoch Institute for Research into Birth Defects | 973051 | 1,246,820 | 2Yrs |
|-------------------|---|--------|-----------|------|

Walter and Eliza Hall Institute

| | | | | |
|-------------|---------------------------------|--------|-----------|------|
| Prof S Cory | Walter and Eliza Hall Institute | 973002 | 8,468,358 | 2Yrs |
|-------------|---------------------------------|--------|-----------|------|

Queensland

Queensland Institute of Medical Research

| | | | | |
|---------------|--|--------|-----------|------|
| Prof L Powell | The Queensland Institute of Medical Research | 983002 | 4,998,105 | 3Yrs |
|---------------|--|--------|-----------|------|

Summary

| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
|-----------------|--------------------|------------------|
| NEW SOUTH WALES | 1 | 3,167,735 |
| VICTORIA | 4 | 17,704,404 |
| QUEENSLAND | 1 | 4,998,105 |
| <i>Totals:</i> | 6 | 25,870,244 |

Research Unit Grants

In 1999, a total of five research units will receive Research Unit grants. These Units specialise in the following areas of health and medical research, which the NHMRC has assessed, require special support to develop research and research training programs.

- ◆ Mental health;
- ◆ Psychiatric epidemiology;
- ◆ Clinical trials;
- ◆ Environmental toxicology; and
- ◆ Health economics.

| Chief Investigators | Research Institute | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|--------------------|----------------|---------------|----------------|
|---------------------|--------------------|----------------|---------------|----------------|

New South Wales

University of Sydney

| | | | | |
|--------------|----------------------|--------|---------|------|
| A/Pr R Simes | Clinical Trials Unit | 973301 | 677,676 | 2Yrs |
|--------------|----------------------|--------|---------|------|

Victoria

Monash University

| | | | | |
|--|--|--------|---------|-----|
| Prof J Richardson Mr R Carter Dr T Jackson | Monash University Health Economics research | 954650 | 139,547 | Nil |
|--|--|--------|---------|-----|

University of Melbourne

| | | | | |
|---|---|--------|---------|-----|
| Prof D Copolov A/Pr P Schofield Prof A Jablensky A/Pr B O'Sullivan Dr J Drago | NHMRC network for brain research into mental disorders | 983302 | 548,709 | 1Yr |
|---|---|--------|---------|-----|

RESEARCH GRANTS
 Research Unit Grants

| Chief Investigators | Research Institute | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|--------------------|----------------|---------------|----------------|
|---------------------|--------------------|----------------|---------------|----------------|

Queensland

University of Queensland

| | | | | |
|--------------|---|--------|---------|-----|
| Prof M Moore | National Research Centre for Environmental Toxicology | 963301 | 671,727 | 1Yr |
|--------------|---|--------|---------|-----|

Australian Capital Territory

Australian National University

| | | | | |
|---|--|--------|---------|------|
| Prof A Henderson Dr H Christensen Dr A Jorm Dr B Rodgers | NHMRC Psychiatric Epidemiology Research Centre | 973302 | 836,856 | 2Yrs |
|---|--|--------|---------|------|

Summary

| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
|-----------------|--------------------|------------------|
| NEW SOUTH WALES | 1 | 677,676 |
| VICTORIA | 2 | 688,256 |
| QUEENSLAND | 1 | 671,727 |
| ACT | 1 | 836,856 |
| <i>Totals:</i> | 5 | 2,874,515 |

Program Grants

Program Grants acknowledge the scientific excellence of research teams who are working collaboratively on a number of health and medical research projects in related fields. Awarded for five years, or four years in the case of some grants awarded through the previous Public Health Research and Development Committee, these grants provide support which is more flexible than that provided by three-year Project Grants.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

New South Wales

Centenary Institute of Cancer Medicine and Cell Biology

| | | | | |
|---------------------------------|---|--------|---------|-----|
| Prof A Basten A/Pr W Britton | Induction and prevention of auto-immunity | 953216 | 683,641 | Nil |
|---------------------------------|---|--------|---------|-----|

University of New South Wales

| | | | | |
|---|---|--------|-----------|------|
| Prof D McCloskey Prof D Burke Prof S Gandevia A/Pr E Potter A/Pr D McKenzie Dr V Macefield | Experimental neurology | 963206 | 1,075,813 | 1Yr |
| Prof C Chesterman Prof B Chong Dr P Hogg Dr L Khachigian A/Pr D Owensby | The function of the blood and blood vessel which maintains blood fluidity | 983213 | 698,121 | 3Yrs |
| Prof G Parker A/Pr P Mitchell A/Pr K Wilhelm Mr D Hadzi-Pavlovic | Typology, aetiology and neuro-biology of depressive and bipolar disorders | 993208 | 588,426 | 4Yrs |

RESEARCH GRANTS

Program Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|------------------------|------------------|-------------------|------------------|-------------------|
|------------------------|------------------|-------------------|------------------|-------------------|

Victoria

Austin Research Institute

| | | | | |
|---|--|--------|-----------|------|
| Prof I McKenzie A/Pr P Hogarth Dr M Sandrin Dr G Pietersz Dr B Loveland | Transplantation and cancer immunology | 993215 | 1,227,706 | 2Yrs |
|---|--|--------|-----------|------|

Monash University

| | | | | |
|--|---|--------|-----------|------|
| Prof K O'Dea A/Pr J Best Mr P Mills Dr C Guest | Obesity diabetes and cardiovascular diseases in Aborigines and Torres Strait Islanders | 954605 | 192,428 | Nil |
| Prof B Tonge A/Pr S Einfeld Prof T Parmenter A/Pr G Turner | The course of behaviour problems in children with intellectual disability | 954614 | 178,645 | Nil |
| Prof D De Kretser Dr G Risbridger Dr M Hedger Prof M Hearn A/Pr G Jenkin | Control of reproductive processes | 973218 | 1,061,410 | 2Yrs |
| Prof I Kola Dr P Hertzog Dr E Wolvetang Dr M Pritchard | The role of genes in Down's Syndrome | 993207 | 841,006 | 4Yrs |

Prince Henry's Institute of Medical Research

| | | | | |
|---|--|--------|---------|------|
| Prof H Burger Prof J Findlay Dr R McLachlan A/Pr D Robertson | Hormones and the Control of Fertility | 983212 | 912,029 | 3Yrs |
|---|--|--------|---------|------|

RESEARCH GRANTS

Program Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

University of Melbourne

| | | | | |
|---|---|--------|---------|-----|
| Prof T Martin Dr J Danks A/Pr D Findlay Dr M Gillespie A/Pr J Moseley Dr K Ngq | Humoral and local regulators of bone resorption and formation | 963211 | 622,855 | 1Yr |
| Prof J Furness A/Pr J Bornstein | Structure, neuro-chemistry and function of the enteric nervous system | 963213 | 581,642 | 1Yr |

South Australia

University of Adelaide

| | | | | |
|--|---|--------|---------|------|
| Prof G Sutherland Dr D Callen Dr J Mulley Dr R Richards | Understanding the Mechanisms of Human Inherited Disease | 983210 | 885,920 | 3Yrs |
|--|---|--------|---------|------|

Institute of Medical and Veterinary Science

| | | | | |
|---|--|--------|---------|------|
| Prof M Vadas Prof A Lopez Dr J Gamble Dr P Cockerill Dr G Goodall | Leucocyte and endothelial cell biology | 973204 | 993,390 | 2Yrs |
|---|--|--------|---------|------|

Women's and Children's Hospital

| | | | | |
|---|---|--------|---------|-----|
| Prof J Hopwood Dr D Anson Dr D Brooks Dr S Byers Dr P Clements Dr P Meikle | Lysosomal storage disorders - diagnosis, treatment and lysosomal function | 963212 | 790,432 | 1Yr |
|---|---|--------|---------|-----|

RESEARCH GRANTS

Program Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Western Australia

University of Western Australia

| | | | | |
|--|--|--------|---------|------|
| Dr D English A/Pr D Cross Ms B Corti | Reducing sun exposure in children | 954601 | 194,178 | Nil |
| Prof F Stanley Dr C Bower A/Pr P Burton Dr A Read | Studies of the causes and prevention of important childhood diseases | 963209 | 880,072 | 1Yr |
| Prof L Beazley Dr S Dunlop Dr A Harman Dr J Shand | Development and regeneration of the visual system | 993219 | 582,006 | 4Yrs |

Summary

| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
|-------------------|--------------------|------------------|
| NEW SOUTH WALES | 4 | 3,046,001 |
| VICTORIA | 8 | 5,617,721 |
| SOUTH AUSTRALIA | 3 | 2,669,742 |
| WESTERN AUSTRALIA | 3 | 1,656,256 |
| <i>Totals:</i> | 18 | 12,989,720 |

Project Grants

Project Grants—Project Grants are the NHMRC's main avenue for supporting research in Australian universities, medical schools, hospitals and other research institutions. Through its awarding of Project Grants, NHMRC supports research projects which are likely to be capable of solution within a relatively short time frame such as three years. New projects, or projects based on the results of previous projects completed successfully, are usually funded in three-year cycles.

Typical Project Grants are awarded to scientific investigations proposed by one or more staff-members of an institution and which have research objectives of mutual interest to the NHMRC, the institution, and the investigator. The grants provide financial support for individual researchers' salaries and some equipment, while the institutions are responsible for administration and accounting and providing the research infrastructure.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

New South Wales

New South Wales Cancer Council

| | | | | |
|--|--|--------|---------|------|
| Prof B Armstrong Dr J Fritschi Dr S Milliken Dr A Kricker | What are the causes of non-Hodgkin's Lymphoma? | 990920 | 192,767 | 2Yrs |
|--|--|--------|---------|------|

Centenary Institute of Cancer Medicine and Cell Biology

| | | | | |
|--|---|--------|--------|-----|
| Dr B Fazekas de St Groth Dr P Hodgkin | T cell differentiation | 970602 | 59,248 | Nil |
| Dr A Baxter | Genes causing lupus in mice | 970604 | 57,147 | Nil |
| Dr J Hasbold Dr P Hodgkin | B lymphocyte regulation | 980571 | 70,881 | 1Yr |
| Dr R Brink | Regulation of the immune system by two closely related proteins | 980572 | 45,563 | 1Yr |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|--|----------------|---------------|----------------|
| Dr R Brink | An alternative mechanism for the induction of cell death by tumour necrosis factor (TNF) | 990483 | 64,689 | 2Yrs |

Children's Medical Research Institute

| | | | | |
|---|--|--------|---------|------|
| Dr R Reddel | Studies of a novel hormone-like molecule, stanniocalcin, in the mouse | 970772 | 90,308 | Nil |
| Dr E Hardeman | Skeletal muscle plasticity | 970773 | 107,574 | Nil |
| Dr I Alexander | Gene therapy using adeno-associated virus vectors | 970774 | 55,045 | Nil |
| Dr R Weinberger Dr P Jeffrey Dr P Gunning | The role of structural molecules in nerve fibre regeneration | 980581 | 89,288 | 1Yr |
| Dr R Reddel | Studies of a recently discovered process used by cancer cells to protect the ends of their chromosomes | 980582 | 100,962 | 1Yr |
| Dr E Hardeman Dr G Dungleison Dr K North | Mouse Model for Muscle Disease | 990071 | 76,112 | 2Yrs |
| Dr R Reddel Dr A Kilian | Can cellular ageing be prevented by the enzyme telomerase? | 991389 | 89,131 | 2Yrs |

Garvan Institute of Medical Research

| | | | | |
|-------------------------------|--|--------|--------|-----|
| A/Pr P Schofield Dr F Dark | Identification and characterisation of a gene that causes dementia | 970983 | 81,786 | Nil |
|-------------------------------|--|--------|--------|-----|

Hornsby Ku-ring-gai Hospital and Community Health Services

| | | | | |
|--|---|--------|--------|-----|
| Dr I Cameron A/Pr R Cumming A/Pr S Quine Dr S Kurrele Mr G Salkeld | Preventing hip fracture by wearing hip pads | 964029 | 39,960 | Nil |
|--|---|--------|--------|-----|

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Heart Research Institute

| | | | | |
|---|---|--------|--------|------|
| Dr L Kritharides Dr W Jessup Prof R Dean | Removal of cholesterol from cells | 970995 | 52,903 | Nil |
| Dr R Stocker Dr J Upston Dr L Kritharides | Enzymic lipid oxidation | 980594 | 87,005 | 1Yr |
| Dr L Kritharides Prof R Dean Dr M Davies | Cyclodextrin-mediated sterol removal from macrophages | 980595 | 47,291 | 1Yr |
| Prof R Dean Dr S Fu Dr M Davies | How do cells control the damaging reactions of oxidised proteins? | 980599 | 54,697 | 1Yr |
| Prof R Dean Dr M Davies | Mechanisms of glycooxidation | 991423 | 59,319 | 2Yrs |

Macquarie University

| | | | | |
|----------------------------|---|--------|---------|------|
| A/Pr R Rapee | Reduction of inhibited behaviours in children at risk for anxiety disorders | 980534 | 121,567 | 1Yr |
| A/Pr H Stokes Dr R Hall | A novel system for the dissemination of antibiotic resistance genes | 990143 | 87,345 | 2Yrs |

Mater Misericordiae Hospital, Newcastle

| | | | | |
|--|--|--------|---------|-----|
| Prof P Hersey | Analysis of immune responses to human melanoma | 970617 | 112,279 | Nil |
| Prof P Hersey Dr S Menzies Dr C D'Este Dr A Plummer | Photography as an aid to early detection of melanoma in older age groups | 980038 | 26,882 | Nil |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

The New Children's Hospital

| | | | | |
|---|---|--------|---------|------|
| Dr E O'Loughlin Dr E Elliott Dr C Bell A/Pr M Perry | Effect of <i>E.Coli</i> infection on intestine | 970680 | 52,943 | Nil |
| Dr P McIntyre Prof G Gilbert Prof C Mellis Dr A Kakakios | How serious and preventable is pneumococcal infection in children | 974080 | 19,149 | Nil |
| Dr K Waters | Effects of repeated hypoxia on brain transmitters and structure in piglets up to 1 month of age | 980504 | 48,356 | 1Yr |
| Dr J Craig Dr J Knight A/Pr J Simpson A/Pr L Roy Dr G Smith A/Pr L Irwig | Do long-term antibiotics prevent recurrent UTI in children? | 990735 | 173,578 | 2Yrs |
| Dr J Peat Dr G Marks Prof C Mellis Prof S Leeder | The Childhood Asthma Prevention Study | 991101 | 242,527 | 2Yrs |
| Dr J Byrne | How a new group of proteins found in breast cancers functions in the cell | 991457 | 42,357 | 2Yrs |

Royal North Shore Hospital

| | | | | |
|---|--|--------|--------|-----|
| Prof E Gallery Dr C Jackson A/Pr M Sinosich | Secretion of matrix-degrading enzymes by vascular and placental cells in normal and abnormal pregnancy | 980442 | 48,356 | 1Yr |
|---|--|--------|--------|-----|

Royal Prince Alfred Hospital

| | | | | |
|----------------------------------|---|--------|--------|-----|
| A/Pr G McCaughan Dr M Gorrell | Analysis of a peptidase important in liver, kidney and digestive tract and in disease process | 970974 | 79,427 | Nil |
|----------------------------------|---|--------|--------|-----|

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|---|----------------|---------------|----------------|
| Dr S Clark | A novel modification of DNA in mammals | 970977 | 62,489 | Nil |
| Prof I Caterson Mrs J Bryson Dr A Fimmel | Do fat cells control metabolism? | 970978 | 100,138 | Nil |
| Dr A Bishop Dr J Sun Dr B Fazekas de St Groth | How to minimise rejection of transplanted organs | 970979 | 57,147 | Nil |
| Dr N Evans Dr M Kluckow | Randomised trial of systemic circulatory support in preterm infants | 980462 | 50,414 | Nil |
| Dr S Aw | Can the caloric test assess individual semicircular canal functional impairment in a labyrinth? | 980463 | 43,046 | 1Yr |
| A/Pr P Bye Dr R Grunstein A/Pr G Bautovich Prof C Sullivan | Strategies to improve breathing in sleep in cystic fibrosis | 981809 | 55,851 | 1Yr |
| Dr S Anderson Dr E Daviskas | Bronchial provocation and mucociliary clearance in persons with asthma. | 990421 | 99,141 | 2Yrs |
| A/Pr P Bye Mr S Eberl Dr P Cooper | New Treatments for Cystic Fibrosis. | 990693 | 58,151 | 2Yrs |
| Dr J Whitfield Mr B Nightingale | Genes which affect the risk of alcohol abuse or alcoholism | 990798 | 93,505 | 2Yrs |
| A/Pr J Ward Dr G Hirst | Can GP education modify prostate cancer screening? | 991045 | 80,730 | 2Yrs |
| Dr S Clark | Abnormal Modification of DNA in Cancer | 991262 | 62,215 | 2Yrs |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

St. Vincent's Hospital Sydney Limited

| | | | | |
|-----------------------------------|---|--------|--------|-----|
| Dr K Stanley A/Pr D Celermajer | Role of the sugar coating on fat-containing particles in heart disease | 970997 | 59,336 | Nil |
| Dr K Stanley | Role of the endothelial cells in preventing blood clotting in heart disease | 980591 | 53,058 | 1Yr |

University of New England

| | | | | |
|----------------|--|--------|--------|------|
| Dr J McFarlane | Physiology of activins | 980562 | 48,231 | 1Yr |
| Dr P Wilson | Processing and Plasticity in Somatosensory Thalamus and Cortex | 991516 | 42,608 | 2Yrs |

University of Newcastle

| | | | | |
|---|---|--------|--------|-----|
| Prof G Burns Dr P Gibson | How does the body remove dead inflammatory cells? | 970777 | 63,376 | Nil |
| Prof R Clancy Dr G Pang | Pathogenesis of recurrent vulvovaginal candidiasis | 970784 | 76,882 | Nil |
| Prof R Heller Dr L Lim Dr C D'Este | Changing practice patterns in the management of heart attack | 970788 | 61,274 | Nil |
| Dr P Gibson Prof R Henry | Airway inflammation in childhood asthma | 970789 | 87,920 | Nil |
| Dr K Beagley | Regulation of T cell activation in intestinal lymphoid tissue | 970790 | 59,305 | Nil |
| Prof P Dunkley Dr B Walmsley Dr A Sim Dr S Bunn A/Pr J Rostas | Molecular mechanisms involved in the control of neuro-transmitter release | 970794 | 64,836 | Nil |
| Prof P Dunkley | Calcium regulation of phospholipase C | 970797 | 52,867 | Nil |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|---|----------------|---------------|----------------|
| A/Pr L Chahl | Role of tachykinins in brain mechanisms of sensitisation | 970799 | 94,060 | Nil |
| Prof R Smith Dr I Leitch | Urocortin and human placenta | 970802 | 71,294 | Nil |
| Dr M Dunkley Prof R Clancy | Dual influenza/bacteria respiratory infection | 980355 | 68,024 | 1Yr |
| Dr L Lim Prof R Heller | Quality-of-life in patients with heart disease | 980356 | 65,507 | 1Yr |
| Prof V Carr Mr T Lewin | Schizophrenia in general practice | 980359 | 79,856 | Nil |
| Prof J Forbes A/Pr A Coates Dr R Snyder Dr J Collins | Clinical trial to improve survival in early breast cancer with no involved lymph glands | 980379 | 55,185 | 1Yr |
| Prof J Forbes A/Pr A Coates Dr M Green Dr M Byrne | Improved treatment for women with early breast cancer and involved lymph glands | 980380 | 49,870 | 1Yr |
| Prof J Forbes A/Pr A Coates Dr R Snyder Dr M Byrne | IBIS-international breast cancer intervention study: prevention study for high risk women | 980381 | 519,200 | 1Yr |
| Dr R Callister Dr P Sah | Mechanisms underlying inhibitory glycinergic transmission in the central nervous system | 980382 | 37,765 | 1Yr |
| Prof G Burns | Seeking to understand thrombus formation | 980386 | 95,374 | 1Yr |
| Dr D Henry Dr D O'Connell Dr S Hill | Does the manner of presentation of clinical trial results influence doctors practices? | 980389 | 63,551 | Nil |
| Dr D Henry Dr D O'Connell Dr S Hill Dr J Lowe | Can we improve the way clinicians apply the results of clinical trials? | 980390 | 24,906 | Nil |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|--|--|----------------|---------------|----------------|
| Prof R Smith Dr E Chan Dr P Robinson | CRH and human parturition | 980395 | 168,705 | 1Yr |
| A/Pr J Rostas | Molecular changes that regulate the efficiency of synapses in brain | 980396 | 111,383 | 1Yr |
| Dr R Ashman Prof R Clancy | Host variables that predispose to yeast infection | 980399 | 105,075 | 1Yr |
| Dr B Bonevski Mr A Smith | Preparing patients for a potentially threatening investigation: a comparison of strategies | 981779 | 23,252 | Nil |
| Prof G Burns Prof P Hersey Prof R Scott | The molecular basis of melanoma formation | 990015 | 119,024 | 2Yrs |
| Dr D Shafren | How viruses enter cells | 990060 | 126,516 | 2Yrs |
| Dr P Hazell Prof V Carr Mr T Lewin | Mania in ADHD males | 990132 | 51,274 | 1Yr |
| Dr A Sim | Regulation of Neuronal Protein Phosphatases | 990212 | 76,439 | 2Yrs |
| Dr T Kron Prof J Denham Dr A Rozenfeld Ms L Duggan | Verification of the dose in radiotherapy with radioactive isotopes | 990251 | 71,541 | 1Yr |
| Prof P Dunkley A/Pr D Powis Dr T Cheah | How does angiotensin activate catecholamine synthesis | 990324 | 64,755 | 2Yrs |
| Prof J Denham Dr H Mameghan Dr J Matthews A/Pr K Dear Dr M Poulsen | The ideal use of hormone therapy in prostate cancer | 990370 | 81,081 | 2Yrs |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|--|----------------|---------------|----------------|
| Dr D Leong Prof B Armstrong Prof R Heller Prof A Spigelman Dr L Lim | Do Differences in the Management of Colorectal Cancer between Specialists influence Tumour Relapses? | 990805 | 109,012 | 2Yrs |
| Ms P Davidson Dr J Cockburn Prof L Howes | A randomised trial of a multi-disciplinary intervention to improve outcomes for patients with heart failure. | 990836 | 59,328 | 2Yrs |
| A/Pr W Giles Prof R Smith Dr A Gill Dr A Bisits | Clinical effectiveness of transdermal nitrates for the treatment of preterm labour. | 990857 | 117,650 | 2Yrs |
| Dr M Agrez | The role of integrins in colon cancer | 991489 | 53,670 | 2Yrs |

University of New South Wales

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|---|--|--------|---------|-----|
| Dr M Murray | Formation of drug metabolites that bind and modify liver enzymes | 950234 | 63,612 | Nil |
| Dr J Hunt Dr H McNeil | Mechanisms that control degradation of defective mRNA in a mammalian cell | 970843 | 56,055 | Nil |
| Dr J Walker | Opioid analgesics and arthritis | 970851 | 119,466 | Nil |
| Dr J Brock | Control of transmitter release at sympathetic nerve endings | 970853 | 93,275 | Nil |
| Prof B Hall | Study of cause and treatment of nephritis (Bright's disease) | 970855 | 59,445 | Nil |
| Dr P Cistulli Dr R Palmisano Prof M Poole | Orthodontic treatment of sleep apnoea | 970856 | 46,562 | Nil |
| A/Pr M Haber Dr M Norris | A new way to predict outcome and a new treatment for the childhood cancer neuro-blastoma | 970857 | 58,122 | Nil |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|--|--|----------------|---------------|----------------|
| Prof C Geczy A/Pr P Alewood Dr M Raftery | Basic mechanisms of regulation of leucocyte migration | 970861 | 70,090 | Nil |
| A/Pr T Campbell Dr D Martin | Factors which can modify the effects of anti-arrhythmic drugs | 970862 | 54,984 | Nil |
| A/Pr M Feneley | Nitric oxide regulation of heart function | 970864 | 70,090 | Nil |
| Dr M Fryer | The role of inorganic phosphate in skeletal muscle fatigue | 970865 | 57,480 | Nil |
| Dr P Carrive | How the brain alters blood pressure regulation during fear and anxiety | 970872 | 84,643 | Nil |
| A/Pr I Cook A/Pr D Carle Dr D Lubowski | Contractile function of the colon | 970874 | 50,970 | Nil |
| Dr F Levy Prof D Hay | Manifestations of attention deficit hyperactivity (ADHD) in different age groups | 970898 | 73,242 | Nil |
| A/Pr S Lillioja Dr J Donald Dr A Wilton | Genetic linkage of gestational diabetes | 970899 | 58,122 | Nil |
| Dr R Lindeman | Gene therapy for patients with acute non-lymphoblastic leukaemia | 970900 | 60,006 | Nil |
| Prof E McLachlan Prof W Janig | The origin of signals generating chronic pain after nerve injuries | 970908 | 96,122 | Nil |
| Dr G Marshall | A novel therapy for childhood neuro-blastoma | 970909 | 82,658 | Nil |
| Dr G Mendz Dr S Hazell Dr M Smith | Resistance to metronidazole in <i>Helicobacter spp.</i> and <i>Campylobacter spp.</i> | 970912 | 64,836 | Nil |
| Dr X Wang Prof D Wilcken Dr G Cranney | Interactions between specific genotypes and environment and the risk of coronary disease | 970917 | 132,198 | Nil |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|--|----------------|---------------|----------------|
| A/Pr P Sachdev Prof H Brodaty Dr J Gillies | Dementia following stroke | 970922 | 67,742 | Nil |
| Prof M Rowe | Transmission of sensory information within the brain | 970927 | 107,195 | Nil |
| Dr K Tucker Dr P Butow A/Pr M Friedlander Dr V Schnieden | Effects of counselling and gene testing on women with a family history of breast cancer | 970929 | 50,766 | Nil |
| Prof J Whitworth Dr B Morris | NOS and ACTH hypertension | 970931 | 60,438 | Nil |
| Dr A Rice | A mouse model to evaluate the engraftment of expanded cord blood cells | 970938 | 58,122 | Nil |
| A/Pr K Williams Prof R Day | A human model to study inflammation | 970946 | 58,326 | Nil |
| Dr P Thomas | The way in which newly discovered protein messengers in the lung affect asthma | 970947 | 53,428 | Nil |
| Prof S Krilis | Proteins that are found in mast cells and may influence the growth of these cells which are involved in allergic disease | 970949 | 129,672 | Nil |
| A/Pr B Tuch Dr J Tu | Immaturity of insulin production early in life | 980206 | 78,231 | 1Yr |
| Dr V Murray | The effect of DNA-bound cellular proteins on the action of the anti-tumour drug cisplatin | 980208 | 57,382 | 1Yr |
| A/Pr J Colebatch | Vestibular electro-physiology | 980209 | 41,882 | 1Yr |
| Prof A Lee | Studies on how the gastric pathogen <i>Helicobacter pylori</i> survives in the stomach | 980216 | 96,248 | 1Yr |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|--|----------------|---------------|----------------|
| Dr P Smerdely Dr T Diamond Prof L Howes | Vitamin D supplements and the reduction of hip fracture risk in elderly men | 980220 | 26,815 | 1Yr |
| Dr A Bye Dr M Cook Dr A Bleasel Dr J Lawson | Measurement of brain volumes in children with poorly controlled epilepsy | 980222 | 54,181 | 1Yr |
| Dr G Lambert Dr A Zagami | The role of nitric oxide in migraine headache | 980224 | 41,715 | 1Yr |
| Dr M Karamanoglu A/Pr M Feneley | Does the contraction pattern of the heart determine systolic pressure? | 980225 | 82,617 | 1Yr |
| Prof E Lumbers Dr K Gibson Dr Y Zhang Dr A Stevens | The kidney and nutrition: effects on function and maturation | 980227 | 76,020 | 1Yr |
| A/Pr W Sewell | Control of the production of growth factors important in allergy and asthma | 980228 | 61,106 | 1Yr |
| Dr H Mitchell Dr T Bohane | How bacterial infection of the stomach causes disease in children | 980231 | 99,864 | 1Yr |
| Dr J Morley | Neural mechanisms of vision | 980233 | 43,577 | 1Yr |
| Dr J Kelly Prof J Whitworth Prof W Anderson | Is blood vessel relaxation impaired in high blood pressure caused by steroids? | 980234 | 95,789 | 1Yr |
| Dr A Collins Dr M Cooley | The role of mast cells of the liver in gastrointestinal inflammation | 980249 | 53,807 | 1Yr |
| Dr R Bryant | Treatment of post traumatic stress disorder following criminal assault | 980251 | 50,250 | 1Yr |
| Dr J Henry Dr S Colagiuri Prof P Wilson | Management of stress, depressive symptoms and glycaemic control in diabetes | 980252 | 29,259 | Nil |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|--|--|----------------|---------------|----------------|
| Prof D Morris Dr E Bolton | Modulation of tumour infiltrating lymphocytes by cimetidine | 980256 | 42,646 | 1Yr |
| Prof P Brooks Ms H Lapsley A/Pr L March Dr B Courtenay | Costs of arthritis | 980261 | 73,487 | 1Yr |
| Prof P Brooks A/Pr J Biggs Dr S Milliken | Auto-logous blood stem cell transplantation for severe rheumatoid arthritis | 980262 | 77,440 | 1Yr |
| Dr K Scott Prof P Brooks | Mechanisms of amplification of inflammation in arthritis | 980263 | 132,114 | 1Yr |
| Dr M Handel Prof P Brooks | Nuclear Factor-KB in arthritis | 980264 | 50,083 | 1Yr |
| Dr M Willcox Dr F Stapleton A/Pr A Lloyd Prof D Wakefield | Host defence mechanisms in bacterial corneal infections | 980265 | 62,609 | 1Yr |
| Dr B Kirkham Prof J Edmonds | Synovial membrane analysis in predicting outcome in rheumatoid arthritis | 980281 | 51,945 | 1Yr |
| Prof G Paxinos | Identification of regions of the human frontal lobe by establishing their chemical profile | 980282 | 98,729 | 1Yr |
| Prof C Geczy Dr R Passey | Regulation of an essential gene involved in cell migration | 980286 | 115,309 | 1Yr |
| Dr G King Prof I Dawes | Mitochondrial RNA | 980296 | 72,190 | 1Yr |
| A/Pr J Wilson Dr M Apte Dr P Haber A/Pr G McCaughan | How does alcohol injure the pancreas? | 980297 | 102,783 | 1Yr |
| Dr K Moore | Factors that control the human bladder in urge incontinence | 980304 | 41,715 | 1Yr |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|--|---|----------------|---------------|----------------|
| A/Pr W Rawlinson | HCMV glycoproteins as virulence markers | 980413 | 44,706 | 1Yr |
| Dr M Murray | Dietary vitamin A and the control of a liver enzyme that breaks down fatty acids | 980590 | 55,162 | 1Yr |
| Dr S Robinson | The function of an iron-binding protein in the eye and brain | 981265 | 90,771 | 1Yr |
| Prof E Lumbers Dr A Stevens Dr K Gibson | Fetal renal sympathetic activity; control, responses and effects. | 990008 | 61,199 | 2Yrs |
| Prof P Barry Dr A Moorhouse | How molecular structure determines how ions pass through inhibitory neuro-transmitter receptor channels | 990049 | 123,620 | 2Yrs |
| Dr S Lord | Falls in older people: tailored strategies for prevention | 990101 | 117,606 | 2Yrs |
| Prof P Russell Dr P Molloy Dr P Jackson Dr G Both | Therapy for prostate cancer using the prostate specific membrane antigen for targeting. | 990152 | 101,290 | 2Yrs |
| Dr G Halliday Dr A Milward Prof J Morris | Understanding cellular changes in the Parkinsonian brain | 990213 | 129,926 | 2Yrs |
| Dr J Hunt Dr H McNeil Dr P Thomas | Biology of Mast Cell Tryptases. | 990262 | 115,763 | 2Yrs |
| Prof S Krilis | Studies on a protein involved in human blood clotting. | 990287 | 122,383 | 2Yrs |
| A/Pr M Haber Dr M Norris A/Pr S Cohn | The role of the cancer-associated gene N-myc in causing treatment failure in children with neuro-blastoma | 990390 | 64,247 | 2Yrs |
| Prof A Lee A/Pr A Neubauer | Model of Helicobacter induced MALT lymphoma | 990454 | 62,265 | 2Yrs |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|--|----------------|---------------|----------------|
| Prof J Andrews | Rating disability due to mental disorders | 990541 | 54,595 | Nil |
| Dr P Curmi | The 3-dimensional Structure Determination of a Human Chloride Channel Protein via X-rays | 990847 | 69,121 | 2Yrs |
| Dr P Cistulli Dr J Kelly Dr R Palmisano | Mandibular Advancement Splint therapy in OSA | 990898 | 77,366 | 2Yrs |
| Prof B Hall Dr C He Dr J Chen | Study of the mechanisms maintaining transplantation tolerance. | 991261 | 125,774 | 2Yrs |
| Dr J Bell A/Pr R Mattick Dr G Bammer | Low doses of naltrexone in the treatment of heroin addictions | 991519 | 137,885 | 1Yr |

University of Sydney

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|---------------------------------|---|--------|---------|-----|
| Prof N Hunt | How is lymphocyte proliferation controlled? | 970638 | 62,734 | Nil |
| Dr J Hoh | Analysis of human eye muscle motor genes | 970640 | 64,836 | Nil |
| Dr S Carlile | Representation of auditory space in the central nervous system | 970645 | 92,008 | Nil |
| Dr D Carter | The implications of sexual recombination in populations of <i>Cryptococcus neoformans</i> | 970648 | 56,020 | Nil |
| A/Pr R Mason Prof B Robinson | Characteristics of a novel tumour-derived inhibitor of phosphate transport | 970649 | 109,332 | Nil |
| Dr M Crossley | Characterisation of genes controlling red blood cell production | 970650 | 75,344 | Nil |
| A/Pr M Christie Dr M Kassiou | Biological functions of sigma receptors and novel ligands | 970652 | 54,969 | Nil |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|---|----------------|---------------|----------------|
| Prof L Mather A/Pr I Power Prof M Cousins | A study of the ways that aspirin-like drugs work in different regions of the body | 970653 | 83,378 | Nil |
| Prof G Broe Dr H Creasey Dr D Grayson Dr S Kos | Brain scans can differentiate "normal" brain ageing from early brain disorders and diseases | 970658 | 49,073 | Nil |
| Prof M Bennett | Electrical current flow in smooth muscle during synaptic transmission | 970669 | 65,301 | Nil |
| Prof M Bennett | Neuromuscular transmission | 970671 | 74,801 | Nil |
| Dr J Watson Prof G Paxinos | A study of the structure and function of the parietal cortex of the human brain | 970672 | 15,763 | Nil |
| A/Pr G Nicholson | Genetic risk factors in Parkinson's disease | 970673 | 70,090 | Nil |
| Prof M Bennett | Sympathetic neuro-transmission | 970675 | 84,118 | Nil |
| A/Pr N O'Dwyer Ms L Ada Dr P Neilson | Complications affecting recovery of movement following stroke | 970676 | 47,818 | Nil |
| Dr M Gillies | How does the body control leakage from retinal blood vessels? | 970678 | 52,903 | Nil |
| Prof D Allen Dr Y Ju | Intracellular calcium in cardiac pacemaker cells | 970682 | 57,480 | Nil |
| Prof P Reeves | The origins and evolution of pathogenic <i>Vibrio cholerae</i> | 970687 | 75,344 | Nil |
| Dr B Baldo Dr C Katelaris | Allergic reactions to cephalosporin and penicillin antibiotics | 970691 | 59,208 | Nil |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|---|----------------|---------------|----------------|
| Dr V Balcar | Anatomy and molecular nature of glutamate inactivation by brain cells | 970693 | 49,750 | Nil |
| Dr P Moens A/Pr C dos Remedios | How do the muscle proteins produce force? | 970702 | 71,294 | Nil |
| A/Pr P Ghosh Prof T Taylor | Cartilage matrix changes in osteoarthritis | 970708 | 59,582 | Nil |
| Prof P Boyce Prof N Talley Dr J Greenstock Mr A Morris-Yates | Testing the effectiveness of psychological treatment for irritable bowel | 970709 | 48,343 | Nil |
| Dr C Liddle | Control of human liver enzymes by Rifamycin antibiotics | 970712 | 57,174 | Nil |
| Prof J Stone Dr J Maslim | Cell death and rescue in retinitis pigmentosa | 970713 | 70,178 | Nil |
| Prof D Handelsman | How the hormones FSH and testosterone trigger sperm production | 970720 | 113,909 | Nil |
| A/Pr D Harris | Kidney cell production of inflammatory mediators in response to urinary protein | 970721 | 96,913 | Nil |
| Prof A Woolcock Ms C Salome Dr G Marks | Effects of asthma and smoking on the perception of symptoms | 970723 | 48,174 | Nil |
| Dr G Halliday | Skin tumour inhibition of Langerhans cell migration | 970726 | 56,020 | Nil |
| Dr P Penfold Dr J Provis Dr N King | Factors controlling the human blood-retinal barrier | 970729 | 56,055 | Nil |
| Dr R Donnelly Prof J Seale | Role of a newly-identified enzyme, PKC-theta, in maturity onset diabetes | 970730 | 60,774 | Nil |
| Prof G Farrell | Alcohol and calcium signalling | 970733 | 108,157 | Nil |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|---|----------------|---------------|----------------|
| Prof M Tattersall Dr P Butow Prof S Dunn Prof J Levi | Empowering the cancer patient: informed participation in treatment decisions | 970735 | 106,977 | Nil |
| Prof S Dunn A/Pr A Coates Dr P Butow | Psychological therapies to improve survival and quality of life in melanoma patients | 970736 | 150,838 | Nil |
| Prof I Curthoys | How the otoliths control eye movements | 970737 | 54,327 | Nil |
| Prof A Cunningham | Mechanism of disease in recurrent herpes | 970738 | 94,675 | Nil |
| Prof D Cook Prof J Young | Control of sodium transporters | 970740 | 64,836 | Nil |
| Prof J Pollard | How is peripheral nerve myelin destroyed by antibodies? | 970745 | 103,683 | Nil |
| A/Pr C Armour Dr J Hughes Prof J Black | Cytokines, cells and asthma | 970749 | 89,846 | Nil |
| Dr J Peat Dr P McGee Dr G Marks Ms S Downs | Alternaria exposure and asthma severity | 970754 | 87,314 | Nil |
| Dr N King Dr G Halliday | The role of skin Langerhans cells in initiating immune responses to mosquito-bourne virus | 970757 | 59,172 | Nil |
| Prof A Sheil Dr J Sun A/Pr C Harbour Dr L Wang | An artificial liver | 970762 | 49,073 | Nil |
| Dr H Rasmussen | Electrical properties of the cell membranes sodium pump | 970816 | 59,161 | Nil |
| A/Pr D Couteur | The cause of Parkinson's disease | 971129 | 50,801 | Nil |
| Prof J Wiley | Extracellular ATP affects lymphocytes | 971291 | 64,836 | Nil |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|---|----------------|---------------|----------------|
| Dr M Lewis | History of Public Health in Australia, 1788-1995 | 974051 | 72,967 | Nil |
| Dr M Gillies Dr F Billson Dr P Penfold Dr A Hunyor A/Pr J Simpson | Ocular Steroid Injection for age related retinal degeneration | 974052 | 49,762 | Nil |
| A/Pr P Mitchell Dr W Smith A/Pr R Cumming Prof S Leeder | Eye disease, diet and vascular disease in a community: a 5-year follow-up study | 974159 | 183,280 | Nil |
| Prof G Broe Dr D Grayson Dr W Brooks | Do genes harm our brain by linking with environmental factors? | 974224 | 90,631 | Nil |
| A/Pr J Christodoulou Dr I Trounce | Understanding the genetic basis of disorders of energy production | 980002 | 51,797 | 1Yr |
| Dr B Morris | Finding genes for high blood pressure | 980008 | 69,910 | 1Yr |
| Prof D Allen | Modulation of calcium release in skeletal muscle | 980016 | 50,452 | 1Yr |
| Dr R Menzies Prof J Andrews Dr K Kirkby Ms M Jones Mr R Crino | A new treatment for compulsive washers: a collaborative trial | 980024 | 31,649 | 1Yr |
| A/Pr M Onslow Dr A Packman Dr R Menzies | Development of a one-day treatment for adult stuttering | 980028 | 55,082 | 1Yr |
| Dr C Vaughan A/Pr M Christie | Brain mechanisms responsible for addiction to morphine-like drugs | 980030 | 57,354 | 1Yr |
| Prof B Dreher Dr C Wang Prof W Burke | Processing of information in visual system | 980031 | 57,354 | 1Yr |
| Dr C Chamberlain Dr J McAvoy | Factors that promote or prevent cataract | 980034 | 64,137 | 1Yr |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|---|----------------|---------------|----------------|
| A/Pr L Gething Ms A Kelly Ms F Russell | Using goal setting with older people to assess and monitor the outcomes of health care and rehabilitation | 980037 | 68,311 | 1Yr |
| Dr D Feng Dr M Fulham Dr S Meikle | Measurement of Brain Function with PET | 980042 | 47,143 | 1Yr |
| Prof P Hersey Dr S Menzies Dr G Halliday | Dendritic cells in treatment of melanoma | 980045 | 56,452 | 1Yr |
| Mr G Salkeld A/Pr J Ward Dr M Solomon Ms L Short | Consumer preferences for colorectal cancer screening | 980055 | 50,982 | Nil |
| Prof G Farrell | How Flucloxacillin causes jaundice | 980063 | 56,418 | 1Yr |
| Dr G Robertson Prof G Farrell | Effects of nutrition on liver enzymes and liver disease | 980065 | 62,009 | 1Yr |
| Dr W Phillips Dr P Noakes | Molecules involved in organising connections between nerve and muscle cells | 980069 | 58,452 | 1Yr |
| Dr U Grunert Prof P Martin | An eye research study of nerve cell connections for normal vision | 980073 | 81,064 | 1Yr |
| Prof R Skurray Dr N Firth | Acquisition and spread of antibiotic resistance in bacteria causing hospital infections | 980075 | 113,948 | 1Yr |
| Prof R Skurray Dr M Brown | Multi-drug resistance in hospital strains of golden Staph | 980076 | 116,268 | 1Yr |
| A/Pr J Brand-Miller Dr G Denyer Dr R Howman-Giles | Glycaemic index and body fat | 980084 | 49,226 | 1Yr |
| Prof I Curthoys Dr G Halmagyi | How gravity sensors control human eye movements | 980085 | 47,143 | 1Yr |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|--|----------------|---------------|----------------|
| Dr A Shiell Prof J Lumley Ms L Watson Dr P Hawe | The cost and outcome of providing resources, information and support to mothers (PRISM) | 980086 | 98,723 | Nil |
| Dr M Wilce Dr J Guss | Understanding cellular energy production, muscle contraction and cell growth | 980089 | 65,231 | 1Yr |
| Prof G Johnston | Stress and gaba receptors - the role of steroids and phospholipids | 980109 | 53,659 | 1Yr |
| Dr L Sutton Prof D Henderson-Smart Ms B Bajuk Prof G Berry | Causes and outcomes of sick full term babies in NSW | 980113 | 74,144 | 1Yr |
| Prof T Sorrell Dr C Mountford Dr R Towner Prof C Harper | Diagnosis of brain abscesses by magnetic resonance methods | 980116 | 119,227 | 1Yr |
| Prof P Sambrook A/Pr R Mason Prof B Robinson | Mechanisms of corticosteroid osteoporosis | 980120 | 45,614 | 1Yr |
| Prof D Handelsman | Clinical studies of the use of the most powerful natural male hormone dihydrotestosterone to treat younger men | 980126 | 55,696 | 1Yr |
| Prof N Hunt Dr G Chaudhri | Host response to malaria parasites | 980129 | 104,683 | 1Yr |
| Prof C Sullivan Dr I Wilcox | Hormonal influences on blood pressure, breathing and sleep in women with sleep apnoea | 980132 | 59,623 | 1Yr |
| Dr E Whitelaw | Study of how the packaging of a gene into chromatin can affect its expression | 980133 | 47,291 | 1Yr |
| Dr K Keay Dr P Siddall Prof A Duggan | Spinal mechanisms of nerve injury pain following spinal cord injury | 980134 | 43,670 | 1Yr |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|--|---|----------------|---------------|----------------|
| A/Pr G Nicholson | Isolating the gene for hereditary sensory neuropathy Type I | 980140 | 97,226 | 1Yr |
| Prof A Husband Dr S Bao | Cytokine regulation of mucosal immunity | 980141 | 115,743 | 1Yr |
| Prof R Baxter Dr S Firth (nee Loh) | Relationships between the structures of IGF binding proteins and their biological actions | 990005 | 172,818 | 2Yrs |
| Prof M Bennett | Ganglionic Transmission | 990027 | 107,802 | 2Yrs |
| Dr J Mitrofanis | Organisation of the mammalian thalamus | 990255 | 41,402 | 2Yrs |
| Prof D Cook Prof J Young | Control of Sodium Channels | 990351 | 126,302 | 2Yrs |
| A/Pr S Chapman Dr P Hawe Dr M Burgess | Helping parents understand the importance and safety of immunisation | 990369 | 49,626 | 1Yr |
| Dr R Vandenberg Prof G Johnston | Modulation of Glutamate Transporters in the Brain | 990384 | 99,746 | 2Yrs |
| Dr M Collins Prof G Johnston Dr R Duke | Novel GABA Receptors in the CNS | 990409 | 138,209 | 2Yrs |
| Dr P Delhanty Prof R Baxter | Regulation of a serum protein that controls growth and metabolism | 990424 | 128,762 | 2Yrs |
| Dr L Schedlich Prof R Baxter | Nuclear import of insulin-like growth factor binding proteins | 990426 | 124,744 | 2Yrs |
| Dr G Murray | Jaw muscle activity during jaw movements. | 990460 | 46,514 | 2Yrs |
| Dr A Shiell Dr P Hawe | Measuring the stability of health values | 990516 | 88,682 | 1Yr |
| Dr G Karupiah Dr N King | Host response to influenza A virus | 990583 | 125,876 | 2Yrs |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|--|----------------|---------------|----------------|
| Prof M Chamberlain Ms A Shea | Maternal posturing and fetal positioning study | 990633 | 46,141 | 1Yr |
| Mr M Booth A/Pr A Bauman | Promotion of physical activity participation by general practitioners to healthy Vs hypertensive men and women | 990650 | 87,884 | 1Yr |
| Prof P Sambrook A/Pr L March Dr I Cameron A/Pr R Cumming | Osteoporotic Fracture in Frail Old People | 990675 | 105,554 | 2Yrs |
| A/Pr C Pollock Dr C Jackson A/Pr M Field | The role of elevations in blood sugar levels and reduced tissue oxygenation in diabetic renal disease. | 990679 | 66,607 | 2Yrs |
| Dr W Meyer Dr L Wright Dr A Brownlee Prof T Sorrell | Cryptococcal Phospholipases and Fungal Virulence | 990738 | 107,713 | 2Yrs |
| A/Pr S MacMahon | Blood pressure lowering and homocysteine lowering for the prevention of coronary heart disease | 990818 | 28,888 | 2Yrs |
| Dr E Tovey Dr T O'Meara Dr R Sporik | The sources, characteristics and control of indoor allergen exposure | 990834 | 93,207 | 2Yrs |
| A/Pr S MacMahon Dr B Neal Prof J Chalmers | WHO-ISH Trialists' Collaboration | 990846 | 25,967 | 2Yrs |
| Dr G King Dr L Rothfield | How do cells decide where to divide? | 990853 | 59,167 | 2Yrs |
| Dr M Day Prof D Cook | Channel control in early embryos | 990865 | 72,253 | 2Yrs |
| Dr J Hall Ms M King Ms R Viney | Cost benefit analysis of Tay-Sachs and Cystic Fibrosis screening | 990871 | 59,577 | 2Yrs |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|--|--|----------------|---------------|----------------|
| A/Pr D Le Couteur Prof A McLean Dr A Ansselin | Hepatic oxygenation and aging | 990937 | 51,594 | 2Yrs |
| Mr A Klistorner Dr S Graham Dr F Billson | Multi-focal Visual Evoked Potential: new method of visual field assessment. | 990957 | 56,729 | 2Yrs |
| Prof P Reeves | Comparative genomics of pathogenic Shigella/E. Coli | 990991 | 123,324 | 2Yrs |
| Dr G Marks Prof A Woolcock A/Pr W Britton | Does BCG vaccination in infancy prevent allergy? | 991017 | 95,148 | 2Yrs |
| Prof D Henderson-Smart A/Pr J Simpson A/Pr L Irwig | A study comparing how differing oxygen levels affect the development of premature babies | 991030 | 88,932 | 1Yr |
| Prof N Talley Prof P Boyce | Why do people with irritable bowel syndrome and non-ulcer dyspepsia consult health care? | 991044 | 86,354 | 2Yrs |
| Dr C Mountford Dr G Falk Ms S Doran A/Pr J Philips | Barrett's Oesophagus Diagnosed by Magnetic Resonance Spectroscopy | 991155 | 63,164 | 2Yrs |
| Dr P Butow Mr R Brown Dr P Ellis Prof M Tattersall E/Pr J Little | Presenting clinical trial information: Changing doctor-patient communication | 991156 | 58,151 | 1Yr |
| Dr C Russell Prof H Kendig Dr G Sullivan A/Pr S Quine | Ageing men at risk: Health, housing and service use | 991189 | 80,720 | 2Yrs |
| A/Pr P Ghosh Dr J Melrose Prof T Taylor | The Causes of Disc Degeneration | 991254 | 111,620 | 2Yrs |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|---|----------------|---------------|----------------|
| Ms R Viney Dr M Boyer A/Pr B McCaughan Dr M Fulham Ms M King | Economic evaluation of PET in management of Non-Small Cell Lung Cancer | 991255 | 98,688 | 2Yrs |
| Dr A Malcolm A/Pr J Kellow | Causes and new therapies for common digestive tract conditions | 991326 | 67,585 | 2Yrs |
| Dr G Mann Prof R Kefford | Genetic factors that increase risk of melanoma | 991331 | 86,089 | 2Yrs |
| Dr G Mann Prof R Kefford | How do genes causing increased melanoma risk affect the cell's ability to deal with UV radiation? | 991332 | 58,151 | 2Yrs |
| Dr P Swindle Dr C Mountford Dr M Khadra Prof P Russell | Prostate Cancer Diagnosis by Magnetic Resonance | 991337 | 93,959 | 2Yrs |
| Dr P Hodgkin Dr D Fulcher | What is wrong with the immune system of allergic individuals? | 991348 | 57,825 | 2Yrs |
| A/Pr P Mitchell A/Pr R Cumming Ms M Golding Dr W Smith A/Pr P Newall Prof S Leeder | Blue Mountains Eye and Hearing Extension Study | 991407 | 87,877 | 1Yr |
| Prof G Mooney | Examination of a new approach to setting priorities in health care | 991463 | 49,335 | Nil |
| Dr N King Dr G Halliday | The emigration of Langerhans cells from the skin under the influence of cytokines | 991536 | 62,814 | 2 Yrs |

University of Technology, Sydney

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|--------------------------|---|--------|--------|-----|
| Dr A Piper Dr M Davey | Mechanisms of Multi-drug resistance in cancer cells | 970964 | 56,020 | Nil |
|--------------------------|---|--------|--------|-----|

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|---|----------------|---------------|----------------|
| Dr A Simpson A/Pr B Tuch Dr M Wei | Transduction of Primary Hepatocytes with the Human Insulin Gene | 990106 | 13,025 | 2Yrs |

University of Wollongong

| | | | | |
|--|--|--------|---------|------|
| Dr M Walker | The development of an oral whooping cough vaccine | 970804 | 56,020 | Nil |
| Prof L Storlien | How changes in muscle characteristics influence development of diabetes and obesity | 970806 | 115,601 | Nil |
| Dr M Ranson | A potential link between oncogenesis and metastasis | 970808 | 62,209 | Nil |
| A/Pr A Jenkins Dr L Tapsell Prof L Storlien | Regulation of a key hormone involved in the control of appetite by dietary carbohydrate | 980484 | 29,392 | 1Yr |
| Dr A Rozenfeld Dr G Taylor Dr W Zealey Prof B Allen | A new device for coincident imaging in nuclear medicine | 980493 | 42,489 | 1Yr |
| Prof J Bremner Prof R Graham | Development of signalling-specific therapeutic agents | 980494 | 54,034 | 1Yr |
| A/Pr R Truscott Dr O Takikawa | Prevention of cataract | 980495 | 109,730 | 1Yr |
| A/Pr J Carver | Understanding the stabilising ability of small heat-shock proteins and its relevance to various diseases | 980497 | 55,162 | 1Yr |
| Dr M Walker Dr K Sriprakash Dr B Currie | Development of safe and efficacious vaccines against group A streptococci | 990396 | 93,586 | 2Yrs |

University of Western Sydney, Nepean

| | | | | |
|---------------|---|--------|--------|-----|
| A/Pr C Holmes | Seclusion in three health care settings | 990487 | 35,611 | Nil |
|---------------|---|--------|--------|-----|

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Victor Chang Cardiac Research Institute

| | | | | |
|------------------------------|---|--------|---------|------|
| Dr M Zhou Prof R Graham | Research on heart enlargement | 970981 | 43,528 | Nil |
| Prof R Graham | Mechanisms of hormone and drug action | 970982 | 141,942 | Nil |
| Prof R Graham Dr S Iismaa | Role of G-proteins in receptor signalling | 980199 | 170,960 | 1Yr |
| Prof R Harvey Dr C Biben | Formation of head and heart in mammalian development | 990689 | 120,843 | 2Yrs |
| Prof R Harvey Dr S Palmer | A study of a novel gene expressed in the heart and skeletal muscle. | 990874 | 92,573 | 2Yrs |
| Dr A Husain | Endothelial AT1 Receptor | 990990 | 119,905 | 2Yrs |
| Prof R Graham | Alpha1-Adrenergic Receptors and Heart Disease. | 991382 | 68,910 | 2Yrs |

Westmead Hospital

| | | | | |
|---|---|--------|---------|-----|
| A/Pr P Illingworth | Hormonal control of pregnancy recognition in women | 970825 | 56,096 | Nil |
| Dr T Amis Dr J Wheatley Dr A Crawford | Upper airway function | 970832 | 103,081 | Nil |
| Dr J Currie | Detecting early brain damage caused by alcohol | 970837 | 99,713 | Nil |
| Dr P O'Connell Prof A D'Apice | A study of the way leukocytes reject transplanted organs from another species | 980400 | 77,250 | 1Yr |
| Dr J Wheatley Dr T Amis Dr S Cala | Understanding the mechanisms causing obstruction of breathing during sleep | 980406 | 85,923 | 1Yr |
| Dr D Ross Dr L Collins | Laser for cure of AF | 980411 | 108,901 | 1Yr |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|---|----------------|---------------|----------------|
| A/Pr K Bradstock Dr J Matthews Prof R Lowenthal A/Pr G Young | A randomised trial of high dose Cytarabine in initial therapy for acute myeloid leukaemia | 991068 | 46,800 | |

Victoria

Anti-Cancer Council of Victoria

| | | | | |
|--|---|--------|---------|-----|
| Prof R Borland Dr D Hill Prof N Owen Ms R Mullins | Using computers to personalise advice to help smokers to quit | 981903 | 114,587 | 1Yr |
|--|---|--------|---------|-----|

Austin & Repatriation Medical Centre

| | | | | |
|---|---|--------|--------|-----|
| Dr R Pierce Dr R McEvoy Prof N Saunders Dr R Fordham | Impairment in mild obstructive sleep apnoea | 981031 | 78,850 | 1Yr |
|---|---|--------|--------|-----|

Austin Hospital Medical Research Foundation

| | | | | |
|---------------------------|---|--------|--------|-----|
| Prof W Louis Dr T Nero | Design and synthesis of imidaoline receptor ligands | 971284 | 62,489 | Nil |
|---------------------------|---|--------|--------|-----|

Austin Research Institute

| | | | | |
|--------------------------------|---|--------|---------|------|
| Dr M Smyth | Natural killer cell granzymes | 971336 | 112,449 | Nil |
| Dr M Smyth Dr J Trapani | The structure and function of Perforin | 971337 | 52,867 | Nil |
| Dr M Smyth Dr J Trapani | Cytotoxic lymphocyte therapy of cancer | 981916 | 79,743 | 1Yr |
| Dr J Trapani Dr R Johnstone | Molecular regulation of human myeloid differentiation | 981917 | 54,738 | 1Yr |
| Dr R Johnstone Dr M Smyth | Protection against cell death by P-glycoprotein. | 991065 | 129,817 | 2Yrs |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Deakin University

| | | | | |
|--------------------------------------|--|--------|---------|------|
| Prof M Hargreaves | Exercise and muscle GLUT4 | 970346 | 50,801 | Nil |
| A/Pr G Collier Dr D Cameron-Smith | What are the physiological functions of fatty acid binding proteins? | 970549 | 64,990 | Nil |
| Dr J Mercer Dr J Camakaris | Mutations in Menkes disease | 990043 | 122,056 | 2Yrs |
| Dr J Mercer | Mouse models of Menkes disease | 990572 | 120,694 | 2Yrs |

The Foundation for Detection of Genetic Disorders

| | | | | |
|-------------------------------|--|--------|--------|------|
| Dr I Trounce Prof R Cotton | Free radicals and energetic decline in inherited diseases and ageing | 970543 | 73,066 | Nil |
| Dr A Wilks | Mechanics of the JAK/STAT Pathway | 991416 | 61,199 | 2Yrs |

Kingston Centre

| | | | | |
|---|---------------------------------------|--------|--------|-----|
| Dr M Morris Prof R Iansek Dr T Matyas | Gait disorders in Parkinson's disease | 971268 | 48,699 | Nil |
|---|---------------------------------------|--------|--------|-----|

La Trobe University

| | | | | |
|--|---|--------|--------|-----|
| Dr H Reid Prof C Bernard | Assessing the role of the myelin oligodendrocyte glycoprotein in an MS-like disease | 970528 | 66,937 | Nil |
| Prof C Bernard Dr H Reid | The function of novel myelin proteins: do they have a role in multiple sclerosis? | 970530 | 91,440 | Nil |
| Prof C Handley A/Pr H Robinson Dr M Ilic | Organisation of cartilage in health and disease | 970532 | 82,361 | Nil |
| Dr C Ewing Prof C Bernard | T-cell responses to MOG in MS | 970534 | 64,836 | Nil |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|--|--|----------------|---------------|----------------|
| A/Pr D Crewther A/Pr S Crewther | Temporal analysis of ERGs and VEPs in human visual disease | 970537 | 51,175 | Nil |
| A/Pr D Crewther A/Pr S Crewther Dr B Junghans | A role for the outer retina in axial refractive error | 970539 | 131,778 | Nil |
| Dr L Tilley Dr M Foley | A study of protein movement in malaria infected erythrocytes | 980970 | 50,083 | 1Yr |
| Prof H Kendig Dr C Browning Prof B Lundgren-Lindquist Dr M Morris | Healthy ageing in older people | 980986 | 48,639 | 1Yr |
| Prof J Lumley Dr C Beanland Prof U Waldenstrom | Effect of breastfeeding education in the middle of pregnancy on duration of breastfeeding | 980989 | 76,566 | 1Yr |
| Prof J Graves | Do three newly discovered genes on the human Y Chromosome play a role in determining male specific characters? | 980990 | 75,919 | 1Yr |
| Dr L Tilley Dr L Deady | Understanding antimalarial drug action and parasite resistance | 990096 | 104,709 | 2Yrs |
| Prof N Hoogenraad | Regulation of Stress Proteins in Mammalian Cells | 990473 | 65,263 | 2Yrs |
| Dr J Daly Dr I McDonald Dr L Grigg | Understanding why people act against health care advice | 990626 | 53,822 | 1Yr |
| A/Pr K Bennett | The ability of Alzheimer's disease patients to perform actions on items that they cannot identify | 990795 | 27,192 | 1Yr |
| Dr D Loesch A/Pr G Warne | Effects of paternally, or maternally derived X chromosome on clinical manifestations in Turner's Syndrome. | 990955 | 90,674 | 2Yrs |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|--|---|----------------|---------------|----------------|
| Prof J Lumley Ms R Small Ms L Watson Ms S Brown | PRISM: Program of Resources, Information and Support for Mothers. | 990978 | 173,973 | 2Yrs |

Ludwig Institute for Cancer Research

| | | | | |
|---|--|--------|---------|------|
| Dr M Hibbs Dr A Dunn | The role of the signalling molecule, <i>Lyn</i> , in auto-immune disease, allergy and cancer | 971304 | 77,107 | Nil |
| Dr G Scholz Dr A Dunn | Studies on the SRC-family Tyrosine Kinase, Hck | 971310 | 52,867 | Nil |
| Dr A Dunn Dr S Basu | The regulation of neutrophil production during emergency haemopoiesis | 971311 | 59,582 | Nil |
| Dr A Hammacher Dr R Simpson | Studies on a protein with therapeutic potential in blood cell cancers | 981130 | 61,078 | 1Yr |
| Dr M Achen Dr S Stacker | The function of a Novel endothelial growth factor in the mouse | 981132 | 56,452 | 1Yr |
| Dr J Layton | Biochemical action of a white blood cell growth and maturation factor | 981133 | 53,441 | 1Yr |
| Prof A Burgess Dr A Murphy | Analysis of the role of the Apc protein in colon cancer | 981137 | 56,093 | 1Yr |
| Prof A Burgess Dr F Walker | Role of the EGF receptor in the regulation of cell growth and survival | 981138 | 55,521 | 1Yr |
| Dr J Heath A/Pr E Nice Dr B Catimel Dr A Scott | Studies of the function of a cell surface target for antibody-based therapy | 981905 | 109,412 | 1Yr |
| Dr M Lackmann | How do EphA receptors control cell movement | 991280 | 57,846 | 2Yrs |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|-------------------------|---|----------------|---------------|----------------|
| Dr M Ernst Dr A Dunn | Genetic dissection of the activity of the LIF/IL6 family of regulatory proteins in mutant mice. | 991415 | 56,119 | 2Yrs |

Macfarlane Burnet Centre for Medical Research

| | | | | |
|---|--|--------|--------|-----|
| Prof J Mills Dr J Meanger Dr J Gorman | Studies on the attachment protein of, and cell receptor for, respiratory syncytial virus | 970554 | 62,489 | Nil |
|---|--|--------|--------|-----|

Mental Health Research Institute of Victoria

| | | | | |
|---|---|--------|---------|-----|
| Dr A Lim | How the brain works against stress | 970594 | 100,594 | Nil |
| Prof D Copolov Prof A Mackinnon Dr C McKay Dr M Wong | Language production and perception and auditory hallucinations implications for treatment | 970597 | 81,869 | Nil |
| A/Pr C Pantelis Dr P Maruff Dr M Kyrios | Functional brain imaging in obsessive-compulsive disorder | 970599 | 87,645 | Nil |
| Mr P Dudgeon Prof A Mackinnon Prof P McGorry | Computerised diagnosis of schizophrenia and other psychotic disorders | 981116 | 43,992 | 1Yr |

Monash University

| | | | | |
|-------------------------------|--|--------|---------|-----|
| Dr C Suphioglu Prof R Knox | Interaction of grass pollen allergens with the human immune system | 970364 | 71,294 | Nil |
| Dr H Coleman | How local hormones cause small blood vessels to dilate | 970417 | 69,751 | Nil |
| Dr C Barclay Prof C Gibbs | Efficiency of muscle | 970421 | 60,833 | Nil |
| Dr P Bird | Role of a newly-described protease inhibitor in the function of immune system killer cells | 970422 | 119,466 | Nil |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|--|--|----------------|---------------|----------------|
| Dr B Classon Dr R Boyd | Membrane molecules in thymus function and immune recognition | 970423 | 98,286 | Nil |
| Dr B Adler Dr K Rajakumar | Understanding how bacteria cause bacillary dysentery | 970424 | 70,178 | Nil |
| Prof W Anderson Dr K Denton | The importance of nerves in kidney function | 970426 | 108,875 | Nil |
| Prof P Beart | Roles in brain for the peptide, cholecystokinin, in normal and abnormal neuro transmission | 970430 | 64,836 | Nil |
| Dr R Boyd | Functional analysis of the thymic micro environment | 970431 | 63,785 | Nil |
| A/Pr R Bywater Prof G Taylor | Control of movements of the large bowel | 970433 | 50,345 | Nil |
| Dr C Christophi Prof P O'Brien | Laser heat treatment for liver cancer | 970436 | 34,423 | Nil |
| Dr R Boyd | Mechanisms of positive selection | 970438 | 67,988 | Nil |
| Prof R Coppel Dr H Billman-Jacobe | Biosynthesis of cell wall components of mycobacteria | 970439 | 120,715 | Nil |
| Dr D Engler | Corticotropin release inhibitory factor | 970447 | 61,683 | Nil |
| Dr J Drago Dr S Cheema | Analysis of mice lacking LH-2 gene | 970448 | 50,801 | Nil |
| A/Pr I Clarke Dr A Tilbrook Dr B Canny Dr N Nichols | Stress and reproduction | 970455 | 57,106 | Nil |
| A/Pr N King Prof B Tonge A/Pr E Luk | Treatment of truancy | 970462 | 94,620 | Nil |
| Dr S Jackson | Activation signals within cells | 970463 | 59,582 | Nil |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|--|--|----------------|---------------|----------------|
| Dr P Jablonski A/Pr D Scott Mr A Saunder Dr B Howden | Improving heart preservation for transplantation | 970464 | 54,969 | Nil |
| Dr P Gleeson Dr I Driel Dr F Alderuccio Prof B Toh | Auto-immunity and tolerance to organ-specific auto-antigens | 970465 | 151,993 | Nil |
| Prof M Horne Dr D Finkelstein | Treatments of Parkinson's disease and other disorders of movement | 970466 | 139,630 | Nil |
| A/Pr J Kulkarni | A clinical oestrogen trial in women with schizophrenia | 970468 | 56,224 | Nil |
| A/Pr C Mitchell | The role of signal terminating enzymes in cell activation | 970474 | 104,077 | Nil |
| Prof P Nagley Dr J Hill A/Pr D Williams | Death of human cells in the contexts of mitochondrial disease and cancer treatment | 970481 | 64,836 | Nil |
| Dr S Ralph A/Pr R Devenish Prof P Hersey | Loss of interferon response in melanoma | 970483 | 64,836 | Nil |
| Prof H Salem Dr J Sun Dr P Bird | Role of an intracellular protease inhibitor in cell and tissue development | 970486 | 89,372 | Nil |
| Dr J Rood | The analysis of the regulation and function of bacterial proteins involved in gas gangrene | 970487 | 84,982 | Nil |
| Dr J Hirst Dr D Walker | Pregnane steroids and fetal behaviour | 970492 | 90,923 | Nil |
| Prof N Thomson Dr A Stein-Oakley A/Pr J Dowling Dr P Bergin | Predictive factors for chronic cardiac rejection | 970497 | 113,525 | Nil |
| Dr J Rolland Prof R O'Hehir Dr F Carbone | Improved desensitisation therapy for rye grass pollen allergy | 970500 | 58,122 | Nil |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|--|----------------|---------------|----------------|
| Dr R Rajan | Protecting the inner ear from loud sound | 970505 | 101,258 | Nil |
| Dr J Hirst Dr I Young | Inhibition of prostaglandin synthases and preterm labour | 970509 | 60,006 | Nil |
| Dr M Wilkinson Dr P Berger Dr C Ramsden | Breathing disorders in infants | 970520 | 54,123 | Nil |
| Prof E Walters Dr F Thien | Eotaxin, RANTES and IL-5 in asthma and rhinitis | 970522 | 59,582 | Nil |
| Dr D Godfrey | Regulatory T cells and auto-immunity | 970603 | 57,106 | Nil |
| Prof K O'Dea Ms C Itsiopoulos A/Pr J Best Dr P Ireland | Diabetes: is it a heart disease risk factor for Greek migrants? | 974098 | 62,410 | Nil |
| Prof R Summers Dr B Evans | Regulation of B-adrenergic receptors involved in energy balance and obesity | 980741 | 56,616 | 1Yr |
| Dr B Adler | Surface components of <i>Leptospira</i> bacteria | 980825 | 57,955 | 1Yr |
| Prof S Holdsworth Dr P Tipping | Immunological mechanisms in nephritis | 980827 | 73,792 | 1Yr |
| Dr D Morgan Prof U Proske | Changes in muscle properties after eccentric exercise and the effects of training | 980836 | 39,202 | 1Yr |
| Dr D Grant A/Pr A Walker | Study of heart function at birth | 980837 | 96,369 | 1Yr |
| Dr R Evans | Endothelin: a substance that controls blood pressure by acting on the kidney | 980841 | 27,187 | 1Yr |
| Dr B Cooke Prof R Coppel | Identification of proteins that alter the function of malaria-infected red blood cells | 980843 | 62,009 | 1Yr |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|---|----------------|---------------|----------------|
| Prof R Coppel | A new surface protein of the malaria parasite | 980845 | 57,382 | 1Yr |
| Prof R Coppel | What sequences on malaria proteins control their transport to different cellular compartments | 980846 | 50,083 | 1Yr |
| Prof D Irvine | Can the changes in the brain that occur as a consequence of partial deafness be reversed? | 980847 | 98,209 | 1Yr |
| Prof H Salem Dr S Jackson | Regulation of platelet adhesion | 980854 | 62,939 | 1Yr |
| Dr G Kotsanas Dr I Wendt Prof C Gibbs | Energy supply and demand in the heart | 980858 | 57,719 | 1Yr |
| Dr R Medcalf Dr F Maurer | To understand the regulation of a protein involved in extracellular proteolysis | 980862 | 117,601 | 1Yr |
| A/Pr C Mitchell | Characterisation of an enzyme that regulates cell growth | 980864 | 109,893 | 1Yr |
| A/Pr C Mitchell Dr S Brown | Characterisation of a novel protein in cell signalling | 980865 | 94,444 | 1Yr |
| Prof C Gibbs Dr C Barclay | Cardiac efficiency | 980868 | 48,693 | 1Yr |
| Dr J Shaw Prof A Trounson | Preserving ovarian function | 980873 | 82,918 | 1Yr |
| Prof W Anderson Dr K Stevenson | The role of the kidney in the development of high blood pressure | 980883 | 82,610 | 1Yr |
| Dr S Luff Prof W Anderson | Ultrastructure of the sympathetic innervation of the kidney | 980884 | 64,301 | 1Yr |
| Dr J Fritschi | Cancer in textile workers | 980893 | 56,127 | Nil |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|--|---|----------------|---------------|----------------|
| A/Pr M Abramson g D Thien Dr P Ireland Prof E Walters | Is diet responsible for the high asthma prevalence among young adults in Australia? | 980894 | 89,582 | 1Yr |
| Prof J Goding | Membrane proteins of antibody-secreting cells | 980897 | 77,905 | 1Yr |
| Dr E Butler Prof M Horne | How does the brain learn motor skills? | 980900 | 109,752 | 1Yr |
| Dr J West A/Pr A Luff Dr D Walker | Development of muscle contraction in the foetus | 980902 | 57,955 | 1Yr |
| Dr P Gleeson | Localisation of resident Golgi proteins | 980906 | 73,175 | 1Yr |
| Prof B Toh Dr J Sentry | Elucidation of the mechanisms underlying a cells ability to sample the outside world | 980908 | 62,009 | 1Yr |
| Prof J McNeil Prof R Atkins A/Pr B McGrath Dr P Kerr | Study of folic acid to prevent disease of the heart and blood vessels in people with kidney failure | 980909 | 125,282 | 1Yr |
| Prof B Toh | Investigation of a novel protein potentially important for cell division | 980910 | 53,300 | 1Yr |
| Dr F Cicuttini | Clinical trial of vitamin E to slow progression of osteoarthritis | 980914 | 46,925 | 1Yr |
| Dr F Carbone | Studies on the mechanism of activation of Cytotoxic T lymphocytes | 980932 | 50,083 | 1Yr |
| A/Pr N King Prof B Tonge Prof P Mullen Prof T Ollendick | Treatment of sexually abused children | 980935 | 88,920 | 1Yr |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|--|----------------|---------------|----------------|
| Dr J Redman Dr G Rumbold Dr P Dietze Prof T Triggs | Effects of alcohol and marijuana in young, novice and experienced drivers: a simulator study | 980939 | 66,211 | 1Yr |
| Dr O El-Kabbani Prof M Itzstein | Studies on the aldo-keto reductase enzymes | 980940 | 99,564 | 1Yr |
| Dr R Boyd | Differential gene usage in thymopoiesis | 980942 | 50,083 | 1Yr |
| Dr A Perkins | A search for, and analysis of, master regulators of the blood cell differentiation | 980948 | 62,609 | 1Yr |
| Prof K O'Dea A/Pr J Best Ms D Leonard | Nutrition and risk of heart disease in aborigines and Torres Strait Islanders | 981010 | 41,275 | 1Yr |
| Dr L Piers Prof K O'Dea Dr M Soares Dr K Walker | Diet and obesity: does the type of dietary fat influence body fat deposition? | 981019 | 71,317 | 1Yr |
| A/Pr H Krum Dr S Selig Dr D Hare A/Pr M Carey | Weight training in chronic heart failure | 981856 | 60,696 | Nil |
| Dr J Rood | The genetics of antibiotic resistance genes from pathogenic bacteria | 990124 | 97,955 | 2Yrs |
| A/Pr N King Prof B Tonge A/Pr E Luk | Treatment of adolescent depression | 990154 | 48,681 | 2Yrs |
| Dr R Medcalf Mrs M Costa | Mechanisms involved in the removal of blood clots | 990219 | 118,974 | 2Yrs |
| Dr A Davidson A/Pr P Wright Dr P Li | Replication of dengue virus clinical isolates and genetically engineered mutants. | 990247 | 80,606 | 2Yrs |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|---|----------------|---------------|----------------|
| Prof E Storey | Why do brain diseases due to similar mutations differ clinically? | 990263 | 44,855 | 2Yrs |
| Dr M Pera | Regulation of human embryonic cells | 990395 | 110,284 | 2Yrs |
| A/Pr C Mitchell | Control of intracellular signals | 990420 | 101,039 | 2Yrs |
| Dr S Hooper Prof R Harding | Role of stretching forces in determining cell types within the developing lung | 990478 | 60,331 | 2Yrs |
| Dr H Parkinson | Regulation of uterine contractions during labour in women | 990520 | 102,683 | 2Yrs |
| Prof J McNeil Prof H Taylor Prof C Silagy | Prevention of Cataract and Age-Related Macular Degeneration with vitamin E in the elderly. | 990554 | 273,960 | 1Yr |
| Dr F Carbone | Visualisation of immune responses to viruses. | 990597 | 116,976 | 2Yrs |
| Prof R O'Hehir Dr J Rolland Dr C Suphioglu | Antigenic sites of a major latex allergen and modification to achieve a hypo-allergenic variant for therapy | 990666 | 61,199 | 2Yrs |
| Dr P Berger Dr C Ramsden | Lung liquid before and after birth. | 990682 | 51,594 | 2Yrs |
| Prof B Toh | Investigations of the function of an endosomal antigen by gene targeting. | 990963 | 61,199 | 2Yrs |
| Dr D Godfrey | NKT Cells and Diabetes | 991028 | 118,471 | 2Yrs |
| Prof H Salem Dr D Williamson | The role of glycoprotein Ib-V-IX in platelet function | 991055 | 122,408 | 2Yrs |
| Prof E Walters Mr C Ward Dr G Snell Dr A Kotsimbos | Natural history of chronic airway changes following lung transplantation. | 991183 | 64,575 | 2Yrs |
| Dr J Rawson | Cerebellar cortical function. | 991199 | 58,031 | 2Yrs |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|---|----------------|---------------|----------------|
| Dr E Morand | The role of MIF in a mouse model of arthritis | 991202 | 58,151 | 2Yrs |
| Prof B Jarrott Dr J Callaway | Neuro-chemical basis of excitotoxicity in ischaemic stroke | 991268 | 64,067 | 2Yrs |
| Prof J Richardson Dr G Hawthorne Mr N Day | Using post-deliberation scores to calibrate the AQOL & DALY for health care economic evaluation | 991364 | 96,035 | 2Yrs |

National Ageing Research Institute

| | | | | |
|--|-------------------|--------|--------|-----|
| Dr S Gibson Prof R Helme Dr L Flicker A/Pr D Ames | Pain and dementia | 981769 | 49,781 | 1Yr |
|--|-------------------|--------|--------|-----|

National Stroke Foundation

| | | | | |
|--|---|--------|---------|-----|
| Prof G Donnan Prof J McNeil Dr R Macdonell | North East Melbourne Stroke Incidence Study (NEMESIS) | 974012 | 177,109 | 1Yr |
|--|---|--------|---------|-----|

National Vision Research Institute of Australia

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|--------------------------------|---|--------|--------|------|
| Dr M Tymms Prof R Augusteyn | A study on how a gene implicated in the loss of sight is regulated in disease | 991205 | 54,880 | 2Yrs |
|--------------------------------|---|--------|--------|------|

Prince Henry's Institute of Medical Research

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|--|--|--------|---------|-----|
| Dr D Nikolic-Paterson Prof R Atkins | Mechanisms by which white blood cells enter the kidney and cause renal disease | 971295 | 112,538 | Nil |
| Prof R Atkins Dr P Hill | Proliferation of white blood cells within the kidney contributes to kidney damage in disease | 981122 | 89,441 | 1Yr |
| Dr I Musgrave Dr H Majewski | Effect of drugs on novel sites for control of nerve activity | 981123 | 59,711 | 1Yr |
| Dr E Simpson | Oestrogen action on fat | 981126 | 98,621 | 1Yr |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|------------------------------|------------------------------|----------------|---------------|----------------|
| A/Pr I Clarke Dr J Rawson | Estrogen action on the brain | 990045 | 110,140 | 2Yrs |
| Dr H Lan Prof R Atkins | MIF in Renal injury | 990767 | 126,205 | 2Yrs |

Royal Children's Hospital Research Foundation

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|---|--|--------|---------|-----|
| A/Pr G Warne A/Pr J Zajac | Actions of the male sex hormones | 970568 | 114,930 | Nil |
| A/Pr G Werther Dr C Wraight | The role of IGF binding protein-3 in skin development | 981053 | 117,521 | 1Yr |
| A/Pr G Patton Ms S Glover A/Pr J Carlin Ms L Bond | Prevention of adolescent depression and suicidal behaviour | 990812 | 66,037 | 1Yr |
| Dr C Robertson Dr A Olinsky A/Pr P Souef A/Pr J Wilson | Outcome of Childhood Asthma into Adult Life | 990852 | 107,422 | 1Yr |

Royal Melbourne Hospital Research Foundation

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|--|---|--------|---------|------|
| Dr S Jane Mrs L Hau Dr C Begley Dr N Elwood | Genes controlling blood development | 981680 | 113,490 | 1Yr |
| Dr C Begley Dr A Grigg | Analysis of blood stem cells | 981681 | 50,316 | 1Yr |
| Dr A Douglas Dr C Begley | Breast cell growth | 981682 | 64,365 | 1Yr |
| A/Pr S Locarnini Dr A Bartholomeusz Dr D Tremethick | Examination of the key intermediate in the hepatitis B virus life cycle | 981683 | 54,420 | 1Yr |
| Mr T Hewitson Prof G Becker Dr I Darby Dr C Jones | Renal myofibroblasts | 990180 | 47,193 | 2Yrs |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|--|---|----------------|---------------|----------------|
| A/Pr S Locarnini Dr A Bartholomeusz Dr J Torresi | Investigations into the significance of changes in hepatitis B virus selected during antiviral treatments | 990988 | 87,817 | 2Yrs |

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|--------------|---|--------|--------|------|
| Dr P Ebeling | Abnormal genes associated with Osteoporosis in men and their first-degree relatives | 991109 | 51,832 | 2Yrs |
|--------------|---|--------|--------|------|

Royal Melbourne Institute of Technology

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|-------------|--|--------|--------|-----|
| Prof M Hill | Altered small artery function in experimental diabetes | 970570 | 58,122 | Nil |
|-------------|--|--------|--------|-----|

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|---------------------------|--|--------|--------|-----|
| Prof D Story Dr J Reid | How nerves and a hormone may interact in the control of blood pressure | 981067 | 90,958 | 1Yr |
|---------------------------|--|--------|--------|-----|

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|----------------------------|---|--------|--------|-----|
| Prof M Hill Dr T Murphy | Mechanisms underlying pressure-induced constriction of small arteries | 981069 | 59,610 | 1Yr |
|----------------------------|---|--------|--------|-----|

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|------------------------|--------------------------------------|--------|--------|------|
| Dr C Li Prof M Rand | No-adducts and Nitregic Transmission | 990254 | 95,727 | 2Yrs |
|------------------------|--------------------------------------|--------|--------|------|

Royal Women's Hospital, Melbourne

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|--------------------------|--|--------|--------|-----|
| A/Pr R King Mr N Gude | Placental nutrient transfer and fetal growth in diabetic pregnancy | 981160 | 63,347 | 1Yr |
|--------------------------|--|--------|--------|-----|

St. Vincent's Hospital, Melbourne

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|------------|----------------------------------|--------|--------|-----|
| Dr D Power | Growth factors in kidney disease | 970562 | 52,567 | Nil |
|------------|----------------------------------|--------|--------|-----|

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|---|--|--------|--------|-----|
| Prof A D'Apice Dr D Goodman Dr M Pearse Dr P Mottram | A model to study the unusual rejection of pig to human organ transplants | 981140 | 53,748 | 1Yr |
|---|--|--------|--------|-----|

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|---|--|--------|--------|-----|
| Prof W Morrison Dr A Messina Dr B Dowsing Dr A Hayes | Treating severed nerves and muscles with leukaemia inhibitory factor | 981149 | 54,126 | Nil |
|---|--|--------|--------|-----|

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|--|--|----------------|---------------|----------------|
| Dr A Stewart Prof W Morrison Dr G Mitchell Dr P Vadiveloo | Chemicals that make blood vessels grow | 990490 | 61,349 | 2Yrs |
| Dr B Murphy Dr D Power | A new protein in the human immune system | 991238 | 63,251 | 2Yrs |

St. Vincent's Institute of Medical Research

| | | | | |
|--------------------------------|--|--------|---------|------|
| Dr M Parker | Three-dimensional structures of medically-important proteins | 970542 | 65,641 | Nil |
| Dr M Parker | Studies of a protein involved in Alzheimer's disease | 981170 | 105,294 | 1Yr |
| Dr M Parker | Studies of a protein with uses in combating organ graft rejection and measles infection | 981175 | 53,023 | 1Yr |
| Dr J Heierhorst Prof B Kemp | How does the calcium binding protein S100A12 control heart function | 981176 | 60,505 | 1Yr |
| Dr T Tiganis | How protein tyrosine phosphatases regulate cancer | 990891 | 112,442 | 2Yrs |
| Dr B Kobe | Studies of the interactions between signals and receptors that determine protein localisation to the nucleus | 991554 | 62,215 | 2Yrs |

Swinburne University

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|--|--|--------|--------|-----|
| Prof R Silberstein Dr F Levy Prof D Hay Dr F Jarman | Brain activity mapping in attention deficit hyperactivity disorder | 971276 | 97,732 | Nil |
|--|--|--------|--------|-----|

Turning Point Alcohol and Drug Centre Inc

| | | | | |
|---|--|--------|--------|-----|
| Dr P Dietze Dr D Jolley Dr G Rumbold Dr G Bammer | Risk factors for non-fatal heroin overdose: A case-crossover study | 990855 | 25,439 | Nil |
|---|--|--------|--------|-----|

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

University of Melbourne

| | | | | |
|--|--|--------|---------|-----|
| Dr N Bramich Prof G Hirst | Neural control of airway smooth muscle | 960178 | 63,112 | Nil |
| A/Pr J Carlin A/Pr G Patton | Statistical methods for the analysis of longitudinal data | 960211 | 20,643 | Nil |
| Prof L Dennerstein Prof A Green A/Pr J Hopper Prof H Burger | The Melbourne women's midlife health project | 964129 | 146,588 | 1Yr |
| Dr L Brown Prof E Reynolds | Factors associated with destructive forms of gum disease in young adults | 964138 | 73,651 | Nil |
| Dr C Anderson Dr S Murphy | Target control of neuronal chemistry | 970258 | 60,632 | Nil |
| Dr H Baker Dr C Garrett Dr D Liu | Automated prediction of human infertility | 970261 | 37,488 | Nil |
| Dr P Angus Dr D Morgan Prof R Smallwood | Oxygen and hepatic function in cirrhosis | 970264 | 50,801 | Nil |
| A/Pr J Bateman | Causes of brittle bones and abnormal tissue development in childhood | 970267 | 88,117 | Nil |
| Dr J Berka Dr S Skinner | Tissue renin-angiotensin in diabetic disease | 970268 | 81,136 | Nil |
| Dr M Black Prof C Johnston | AT2 receptors and the heart | 970272 | 66,657 | Nil |
| Dr S Blackwell Dr A Jaworowski Prof J Hamilton | Role of white blood cells in inflammatory diseases | 970273 | 64,836 | Nil |
| Prof D Alcorn Dr P Harris A/Pr J Bertram | Function of renomedullary interstitial cells | 970276 | 92,172 | Nil |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|---|----------------|---------------|----------------|
| A/Pr F Alford Dr G Ward | The role of the liver and muscle in glucose metabolism in diabetes | 970279 | 64,836 | Nil |
| A/Pr R O'Brien A/Pr W Thomas Dr J Rolland Dr K Byron | Mechanisms of immunologic suppression of allergic reactivity in asthmatic individuals | 970288 | 58,122 | Nil |
| Dr W Phillips | Biochemical signals that control blood cell function | 970293 | 127,231 | Nil |
| Dr J Camakaris | Control of the copper export pump in mammalian cells | 970295 | 84,982 | Nil |
| Dr U Novak | Cytokine and growth factor induced STAT activation and macrophage differentiation | 970297 | 121,129 | Nil |
| Dr H Cheng | Src-family and CSK family of tyrosine kinases | 970299 | 58,122 | Nil |
| Dr M Eisenbruch | Sick children in Cambodia: a cultural study of what people believe makes their children sick and how they use Indigenous treatments | 970300 | 30,170 | Nil |
| Dr G Dusting | New factors causing blocked arteries | 970302 | 89,011 | Nil |
| Dr X Csar Dr G Guy Prof J Hamilton | Unravelling the biochemical basis of white blood cell development | 970305 | 64,836 | Nil |
| Dr H Cheng Dr P Dickson Dr I Stanley | Enzymology of the protein tyrosine phosphatases which dephosphorylate the SRC-family kinases | 970306 | 69,616 | Nil |
| Dr M Gething | Protein folding in the cell | 970312 | 114,129 | Nil |
| Dr G Evin Dr Q Li Prof C Masters | Generation of beta A4 amyloid in Alzheimer's disease | 970315 | 73,232 | Nil |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|--|--|----------------|---------------|----------------|
| Dr D Darby Dr P Desmond | Mapping brain regions subserving concentration using magnetic resonance imaging | 970323 | 53,047 | Nil |
| Dr M Ching Prof R Smallwood | How Cytochrome P450 works | 970329 | 121,350 | Nil |
| Prof R Cahill A/Pr W Kimpton | Thymic emigrants in the foetus and neonate | 970330 | 150,773 | Nil |
| Dr B Key | Axon growth in the nervous system | 970333 | 91,623 | Nil |
| Prof R Larkins Dr M Dunlop | Does the aldose reductase pathway cause diabetic kidney disease? | 970341 | 65,887 | Nil |
| A/Pr V Nurcombe Dr M Guthridge | Mutation of embryonic growth factors to elicit their function | 970347 | 57,690 | Nil |
| Dr M Galea | The connections of spinal cord neurons involved in grasping actions in monkeys | 970348 | 68,399 | Nil |
| A/Pr S Locarnini Dr P Angus Prof R Smallwood Dr J Lee | Studies of hepatitis B virus in cells other than Hepatocytes | 970351 | 64,836 | Nil |
| Dr M McConville | Biosynthesis and function of parasite glyco-conjugates | 970353 | 61,683 | Nil |
| Prof C Masters Dr F Maher Dr J Culvenor | The causes of Alzheimer's disease | 970355 | 105,128 | Nil |
| Prof J Hamilton | Debris and maintenance of macrophages in inflammation | 970358 | 61,683 | Nil |
| Dr W McFadyen Dr G Wickham Dr V Murray Prof W Denny | Anti-tumour platinum drugs targeted to DNA | 970359 | 67,988 | Nil |
| Dr J Whitley Prof A Shulkes Dr A Giraud | Characterisation of a gastrin-releasing peptide regulatory system in uterus and breast | 970363 | 64,836 | Nil |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|--|---|------------------|-------------------|----------------|
| Dr R Nicolantonio Dr M Wlodek | Role of maternal health on blood pressure development in offspring | 970366 | 80,065 | Nil |
| A/Pr D Williams Prof M Hargreaves | Free radicals, temperature and muscle fatigue | 970367 | 48,664 | Nil |
| Dr R Strugnell | Understanding typhoid fever vaccination | 970370 | 58,326 | Nil |
| Dr M Morris A/Pr V Nurcombe Dr M Ford-Perriss | Neuropeptide Y and feeding The means by which embryonic nerve cells capture and use key growth molecules | 970374 970375 | 56,944 119,466 | Nil Nil |
| A/Pr J Proietto A/Pr J Zajac | Studies on the effects of reducing glucose transport or storage in muscle | 970377 | 91,686 | Nil |
| Prof E Reynolds Dr J Perich Dr N Hu Dr K Cross | Characterisation of a protein involved in the formation of teeth | 970378 | 103,707 | Nil |
| Dr P Wilson Prof H Messer | The response of dentine to forces | 970382 | 61,035 | Nil |
| Prof P McGorry Dr A Yung A/Pr C Pantelis A/Pr H Jackson | Prediction of onset of psychotic illness in vulnerable young people | 970391 | 95,057 | Nil |
| A/Pr J Proietto | Studies on the cause of Type 2 diabetes | 970393 | 93,788 | Nil |
| Dr C McKay Dr H McDermott Prof G Clark | Improved speech understanding by cochlear implantees | 970398 | 65,547 | Nil |
| Dr A Thorburn | Abnormalities in the regulation of body weight in obesity | 970400 | 102,507 | Nil |
| A/Pr G Taylor Dr C Moss Dr D Ribuffo Dr N Houseman | The reconstructive microsurgical anatomical roadmap of man's nerves and blood vessels | 970402 | 70,090 | Nil |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|---|----------------|---------------|----------------|
| Dr A Sinclair Dr M Smith | The role of a developmental gene family in human genetic disease | 970404 | 64,836 | Nil |
| Dr J Savage | The genetic mutation and its effect in an inherited kidney disease | 970409 | 64,836 | Nil |
| Dr U Castiello A/Pr K Bennett | How deficits in attention contribute to motor dysfunction in brain-damaged subjects | 970437 | 95,777 | Nil |
| Dr A Stewart | Factors that control the thickness of the airway tubes | 970563 | 148,964 | Nil |
| Dr M O'Connell | How damage to DNA stops cell division | 970580 | 61,683 | Nil |
| A/Pr A Sanson Dr J Toumbourou | The prediction of emotional and behavioural problems: infancy to adolescence | 980627 | 161,079 | 1Yr |
| Prof R Robins-Browne Dr R Strugnell | Mechanisms by which <i>Escherichia Coli</i> causes diarrhoea | 980637 | 70,252 | 1Yr |
| A/Pr C Cheers | Why does tuberculosis become chronic? | 980639 | 74,350 | 1Yr |
| Dr J Ziogas | Pre- and post-junctional actions of angiotensin II and related peptides | 980644 | 47,308 | 1Yr |
| Dr M Saleh Dr A Wilks Prof A Kaye | Targeting angiogenesis in the treatment of brain tumours | 980645 | 62,009 | 1Yr |
| Prof T Morgan Dr L Delbridge | Interaction of salt and hormones in growth and function of the heart and kidney | 980650 | 71,536 | 1Yr |
| Dr B Crabb | Studies on the mechanisms of red blood cell invasion by malaria parasites | 980651 | 54,738 | 1Yr |
| Dr C Anderson Dr S Murphy | The role of gap functions in the development of the phenotype of autonomic neurons | 980652 | 51,005 | 1Yr |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|--|----------------|---------------|----------------|
| Dr P Wookey A/Pr M Cooper | The amylin system and the kidney | 980657 | 106,006 | 1Yr |
| Dr K Bennell Dr K Miran-Khan | Effects of exercise on bone in young girls | 980662 | 53,695 | 1Yr |
| Dr J Ruby | Investigation of the specific interactions between TNF family cytokines and the poxviruses | 980663 | 52,876 | 1Yr |
| Prof C Masters | Search for the cause of Alzheimer's disease | 980667 | 209,382 | 1Yr |
| Dr M Kalloniatis | Retinal function in an animal model of retinal degeneration | 980668 | 64,576 | 1Yr |
| Prof J Hutson Dr S Hasthorpe | Biology of inguinal hernias in children | 980670 | 107,968 | 1Yr |
| Prof A Pittard Dr J Praszker | How do plasmids maintain themselves within bacterial cells? | 980671 | 111,531 | 1Yr |
| Dr C Sobey | Importance of potassium channels in brain arteries for maintaining blood supply to the brain | 980672 | 93,235 | 1Yr |
| Prof N McBrien | Mechanisms underlying the pathological changes to scleral structure in high myopia | 980677 | 68,553 | 1Yr |
| Dr P Waring | Investigation of the causes of childhood leukaemia | 980680 | 44,498 | 1Yr |
| Prof G Hirst Dr N Bramich | Control of bladder and urethra contractions | 980681 | 91,422 | 1Yr |
| A/Pr J Bateman Dr S Lamande | Connective tissue defect in bethlem myopathy | 980684 | 50,083 | 1Yr |
| Dr J Bower Dr J Kurek Dr L Austin | The use of growth factors to treat muscle diseases | 980686 | 55,521 | 1Yr |
| Dr S Rees Prof R Harding | Consequences of prenatal brain damage on the brain after birth | 980693 | 100,223 | 1Yr |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|--|----------------|---------------|----------------|
| Prof J McCluskey | Assembly and allorecognition of Mhc class I molecules | 980700 | 109,152 | 1Yr |
| Prof J McCluskey | Auto-immunity in systemic rheumatic disorders | 980701 | 92,572 | 1Yr |
| Dr B Key | What guides growing nerves in the brain? | 980705 | 131,844 | 1Yr |
| Dr J Kalman Dr J Power Dr A Tonkin | An examination of the consequences of atrial flutter and its relationship to atrial fibrillation | 980710 | 53,039 | Nil |
| Dr M Gething | Map kinase pathway modulation of the unfolded protein response | 980720 | 105,237 | 1Yr |
| A/Pr S Berkovic | Causes of epilepsy | 980724 | 50,083 | 1Yr |
| A/Pr S Berkovic Dr I Scheffer | Genes causing epilepsy | 980725 | 79,869 | 1Yr |
| Dr C Nowson | Do genetic factors influence change in blood pressure following alterations in dietary salt? | 980726 | 82,690 | 1Yr |
| Dr D Thyagarajan | Mtdna: role in Parkinson's disease and novel approaches to its transfer into cells | 980729 | 95,303 | 1Yr |
| Dr N Parker Prof P Smith | Analysis of genes involved in leukaemia | 980736 | 53,300 | 1Yr |
| Dr M Dziadek | Function of collagen in tissue development | 980738 | 57,955 | 1Yr |
| Prof G Nicholson Dr D Myers Dr M Kirkland | Gene expression and regulation in human osteoclasts | 980746 | 79,200 | 1Yr |
| Dr P Senior | Does the H19 gene control the imprinting of other genes on mouse chromosome 7 | 980749 | 99,565 | 1Yr |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|---|----------------|---------------|----------------|
| Prof H Graham Miss R Boyd Dr G Natrass Dr D Reddihough | A multi-centre trial of botulinum toxin A and bracing in the management of hip problems in cerebral palsy | 980753 | 100,201 | 1Yr |
| Prof S Harrap Dr Z Wong | Population genetics of blood pressure | 980765 | 62,269 | Nil |
| Prof R Wettenhall | Role of hepatic protein kinase C-related kinases (PRKs/PKNs) in insulin signalling | 980769 | 163,889 | 1Yr |
| Dr D Ebert | Hepatic lipase binding to liver proteoglycans | 980770 | 43,577 | 1Yr |
| A/Pr S Davis Prof B Tress Dr D Darby Dr P Desmond | Echoplanar MRI in acute stroke | 980771 | 80,738 | 1Yr |
| Dr G Anderson | Why do the airways become blocked with mucus in asthma? | 980772 | 45,439 | 1Yr |
| Dr G Shaw Prof M Renfree Prof J Hutson | How hormones prevent inguinal hernia | 980779 | 49,005 | 1Yr |
| Prof J Hamilton | White blood cells and their growth factors in inflammation | 980782 | 116,050 | 1Yr |
| Prof J Hamilton | White blood cells and their development | 980783 | 95,016 | 1Yr |
| A/Pr J Zajac A/Pr D Findlay | Functions of cells which absorb bone | 980786 | 61,106 | 1Yr |
| Dr E Algar Prof P Smith | Genetic studies on a human overgrowth disorder | 981045 | 66,162 | 1Yr |
| Dr D Germain | Cyclin proteolysis and cancer | 981080 | 53,386 | 1Yr |
| Dr P Sexton | How does the calcitonin receptor work? | 981171 | 152,566 | 1Yr |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|---|----------------|---------------|----------------|
| Dr P Kitchener | The role of sugars in the development of the brain and its immune system | 981543 | 10,146 | 1Yr |
| Dr A Bush | Alzheimer's disease amyloid: a corrupted anti-oxidant? | 981724 | 45,429 | 1Yr |
| Dr D Bowtell | The role of the Siah proteins in mice. | 990048 | 112,252 | 2Yrs |
| Dr G Baldwin | Role of the Gastrin-binding Protein in Colorectal Cancer. | 990062 | 119,008 | 2Yrs |
| Dr G Howlett Prof W Sawyer | Structural analysis of human apolipoprotein C-II | 990068 | 59,513 | 2Yrs |
| Dr C Darian-Smith | Changes within central tactile pathways following the disruption of sensory input from the hand | 990097 | 128,762 | 2Yrs |
| Dr L Burrell Prof C Johnston | Biology of Vasopressin | 990156 | 158,258 | 2Yrs |
| Prof D Kissane Mr D McKenzie A/Pr S Bloch | Family treatment in palliative care and bereavement | 990182 | 84,894 | 2Yrs |
| Dr G Hime Dr D Bowtell | Using the fruit fly to understand a cancer-causing gene. | 990192 | 64,125 | 2Yrs |
| Prof E Reynolds Dr R Pike Dr N Slakeski Dr N O'Brien-Simpson | Characterisation of a protein-complex from a bacterium associated with periodontal disease | 990199 | 116,303 | 2Yrs |
| Dr B Crabb | Characterisation of the variant antigens of malaria parasites | 990220 | 58,151 | 2Yrs |
| A/Pr M Cooper Dr L Burrell | Hormones and diabetic kidney disease | 990242 | 85,256 | 2Yrs |
| Dr G McArthur | MAD-genes and Cell Cycle | 990279 | 61,199 | 2Yrs |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|--|---|----------------|---------------|----------------|
| Dr P Gooley | Solution structure of the effector domains of an early endosomal associated protein by NMR spectroscopy | 990285 | 58,242 | 2Yrs |
| Prof N Yeomans Dr A Giraud | How does the stomach lining avoid and repair damage? | 990340 | 52,007 | 2Yrs |
| Dr M Tang | Inhaled antisense oligonucleotide therapy for allergic airway disease | 990359 | 55,645 | 2Yrs |
| Prof D Kissane Dr D Clarke Dr R Snyder A/Pr S Bloch | Group therapy metastatic breast cancer | 990380 | 74,735 | 2Yrs |
| Prof D Alcorn | Normal and abnormal kidney development | 990397 | 106,422 | 2Yrs |
| Dr M McKay | Study of the mouse rec8 gene, involved in transfer of DNA sequences between two DNA molecules | 990418 | 57,825 | 2Yrs |
| Dr M Murphy Ms M Dottori | How do nerve cells establish connections with each other in the brain. | 990458 | 66,279 | 2Yrs |
| Dr M Dziadek Prof P Smith Dr P Senior | Role of Stim1 in myogenesis | 990476 | 58,151 | 2Yrs |
| Dr C McCarty Prof H Taylor | The Visual Impairment Project | 990477 | 102,343 | Nil |
| A/Pr J Bertram Dr W Hoy | Kidney structure in Australian Aborigines and African Americans | 990498 | 74,223 | 2Yrs |
| A/Pr T Goodwin Ms H Wheat | Neural signals from the digits | 990518 | 78,799 | 2Yrs |
| Dr A Brooks | Identification of ligands for natural killer cell receptors | 990530 | 108,607 | 2Yrs |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|---|----------------|---------------|----------------|
| Dr A Harvey Dr V Anderson Dr D Abbott | Brain imaging of language function in children. | 990598 | 61,668 | 2Yrs |
| Dr M Black A/Pr J Bertram | Low birth weight linked to hypertension: role of nephron deficit? | 990628 | 63,641 | 2Yrs |
| Dr P Waring Dr S Tan | Finding out whether or not cancers arise from a single cell | 990653 | 65,391 | 2Yrs |
| Dr G Jerums A/Pr M Cooper | Glycation and diabetic complications | 990670 | 80,233 | 2Yrs |
| Dr S Bowden Dr M Cook Prof G Whelan | Randomised controlled trial of thiamine and diagnostic model for Wernicke-Korsakoff syndrome. | 990674 | 116,543 | 2Yrs |
| Prof M Renfree Dr G Shaw Prof J Wilson | The fight to be male | 990713 | 61,655 | 2Yrs |
| Dr G Jackson A/Pr S Berkovic | Do seizures cause brain damage? | 990717 | 71,830 | 2Yrs |
| Dr R Gilbert Dr K Jandeleit-Dahm | PDGF and kidney disease | 990723 | 77,752 | 2Yrs |
| Dr G Barrett Dr W Epa | Analysis of the TrK-A NGF receptor and p75 NGFR mechanisms and interactions | 990745 | 128,891 | 2Yrs |
| Dr A Chanen Prof P McGorry | Prevention of borderline personality disorder in young people. | 990748 | 88,163 | 2Yrs |
| Dr G Lynch A/Pr D Williams | Calcium and muscle regeneration | 990801 | 76,571 | 2Yrs |
| Dr A Paolini Prof G Clark Dr A Burkitt | Brain mechanisms underlying the processing of sound information | 990816 | 71,237 | 2Yrs |
| Dr V Anderson Ms S Morse Mr J Rosenfeld | The effects of head injury on young children's developmental progress. | 990844 | 79,382 | 2Yrs |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|---|----------------|---------------|----------------|
| Dr W Phillips Dr E Vincan | Studies on a biochemical change associated with colon cancer | 990869 | 96,447 | 2Yrs |
| A/Pr J Wark Dr C Nowson A/Pr J Hopper | Understanding Osteoporosis through longterm twin studies | 991007 | 158,118 | 2Yrs |
| A/Pr J Carlin | Latent variable and mixture models for the analysis of change in longitudinal studies | 991059 | 20,723 | 2Yrs |
| A/Pr E Seeman | Genetic and Environmental Determinants of Bone Size, Mass and Density: A Twin Study of Growth | 991070 | 89,259 | 2Yrs |
| Prof J McCluskey Mr A Purcell | HLA B27 and ankylosing spondylitis | 991088 | 75,066 | 2Yrs |
| Dr E Meeusen Dr R Bischof | Recruitment and activation of eosinophils during allergic responses | 991096 | 63,559 | 2Yrs |
| A/Pr D Venter Dr J Armes | Developing new ways to diagnose and treat breast cancer | 991193 | 102,633 | 2Yrs |
| Dr D Howells Prof G Donnan | Mechanisms of axonal sprouting in the CNS | 991297 | 113,264 | 2Yrs |
| Dr J Savige | Gene defect in thin basement membrane disease | 991462 | 68,311 | 2Yrs |
| Prof E Reynolds Dr J Perich Dr K Cross Dr M Morgan | Novel calcium phosphates stabilised by phosphopeptides with biomedical applications | 991486 | 123,197 | 2Yrs |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Queensland

Griffith University

| | | | | |
|--|--|--------|--------|------|
| Dr J Headrick Prof R Wills Dr R Towner Dr R Rose Meyer Dr F Harden | The role of adenosine as a natural protective mechanism in heart | 971168 | 72,749 | Nil |
| Dr L Griffiths | An investigation of serotonin and related candidate genes as a cause of migraine | 981422 | 76,734 | 1Yr |
| Prof W Halford Dr M McGuckin Prof B Ward Ms J Scott | Impact of a psychological intervention upon immune and disease outcomes in cancer. | 990734 | 27,343 | 2Yrs |
| Dr P Barrett Prof M Dadds | Using the school system in the prevention of anxiety disorders in children and youth | 991191 | 82,989 | 1Yr |

James Cook University of North Queensland

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|--|---|--------|--------|------|
| A/Pr R Vink | Protection from brain injury using magnesium | 981432 | 50,083 | 1Yr |
| Ms S Harrison Dr P Buettner Dr R MacLennan | Can the development of moles in early childhood be delayed? | 990997 | 67,787 | 2Yrs |

Mater Misericordiae Hospitals, Brisbane

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|---------------------------------|--|--------|--------|------|
| Dr C Choong Prof A Herington | Insulin like growth factors and androgens in prostate cancer | 990968 | 61,992 | 2Yrs |
|---------------------------------|--|--------|--------|------|

Princess Alexandra Hospital

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|-----------|--|--------|---------|-----|
| Dr J Shaw | The characterisation of the genetic basis of non insulin dependent diabetes mellitus | 981742 | 105,041 | 1Yr |
|-----------|--|--------|---------|-----|

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|-----------------------------------|----------------|---------------|----------------|
| Dr J Prins | Regulation of adipose cell number | 991117 | 49,800 | 2Yrs |

Queensland University of Technology

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|--|---|--------|---------|------|
| Dr M Harvey | The role of ECM proteinases during the establishment of pregnancy | 971189 | 59,172 | Nil |
| Prof A Herington Dr M Harvey | Growth factors and protein degrading enzymes in prostate cancer cell growth and tissue invasion | 971190 | 54,969 | Nil |
| A/Pr P Timms Dr S Mathews | Chlamydial disease - identification of disease markers of chronic infections | 981383 | 56,452 | 1Yr |
| Dr J Clements Dr D Nicol | A new marker to detect kidney cancer | 981385 | 47,291 | 1Yr |
| Dr J Nicholson Prof B Oldenburg A/Pr G Patton Prof G Parcel | Promoting the mental health of children and families within school communities | 990241 | 110,553 | 2Yrs |
| Ms P Yates Dr H Edwards A/Pr R Nash Prof J Najman | The Effectiveness of a Patient Education Program in Reducing Cancer Pain | 991023 | 61,687 | 1Yr |

Royal Brisbane Hospital Research Foundation

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|---|--|--------|--------|------|
| Dr B Leggett Prof J Jass Dr J Young | Early lesions of the bowel and their relationship to colorectal cancer | 981692 | 47,328 | 1Yr |
| Dr B Leggett Dr J Young Prof J Jass | Mutations Responsible for High-MSI Colon Cancers | 990057 | 58,412 | 2Yrs |

Royal Children's Hospital, Brisbane

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|-----------------------------------|--------------------------------|--------|--------|-----|
| Prof E Gowans Dr T MacNaughton | The hepatitis B virus receptor | 971174 | 57,235 | Nil |
|-----------------------------------|--------------------------------|--------|--------|-----|

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|--|----------------|---------------|----------------|
| Dr T MacNaughton Dr H Netter | How hepatitis B and hepatitis delta viruses interact | 971177 | 68,638 | Nil |
| Dr A Khromykh Prof E Westaway | Analyses of how human encephalitic viruses transmitted by mosquitoes multiply in cells | 981442 | 154,805 | 1Yr |
| Prof E Gowans Dr R Trowbridge Dr Y Wang | Hepatitis C virus replication | 981447 | 100,962 | 1Yr |
| Prof E Gowans Dr A Nicol | Hepatitis C and dendritic cells | 991502 | 62,049 | 2Yrs |

University of Queensland

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|---|--|--------|---------|-----|
| Dr D Vaney | Coupling of nerve cells in the retina | 951160 | 153,691 | Nil |
| Prof J Batch | The biological actions of IGF-I in the hair follicle | 970262 | 54,969 | Nil |
| Dr D Richardson | The iron metabolism of human neuro-blastoma | 970360 | 62,954 | Nil |
| A/Pr T Day | Brain control of hormonal responses to stress | 971034 | 108,467 | Nil |
| Dr J Curlewis | Control of hormone secretion by the brain | 971036 | 61,683 | Nil |
| Dr J Clarey A/Pr B Gynther Dr M Calford | The role of inhibition in areas of the brain that process sounds | 971050 | 97,253 | Nil |
| Dr G Fernando Prof I Frazer | How to achieve better immune therapy for disease | 971053 | 72,903 | Nil |
| Prof J Hancock | A biological study of human ras oncogenes | 971055 | 83,667 | Nil |
| Dr G Kidd A/Pr R Smith | Effects of cellular interactions on events in myelination | 971064 | 86,186 | Nil |
| A/Pr P Kaye | Methods by which early embryos obtain glucose | 971067 | 63,513 | Nil |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|--|--|----------------|---------------|----------------|
| Dr R Parton | Functional characterisation of muscle caveolae | 971080 | 84,982 | Nil |
| Dr J Keast | Changes in autonomic nerves supplying the reproductive organs after spinal injury | 971081 | 46,656 | Nil |
| A/Pr S Manley A/Pr J Bourke Dr G Huxham | Self regulation of membrane transport by secreting ATP through channels transporting ions | 971083 | 56,055 | Nil |
| A/Pr S Tett Prof R Day | Improving the use of medications by using concentrations to choose the best dosage regimen | 971087 | 89,005 | Nil |
| Dr D Vaney Dr W Taylor | Information processing in the retina | 971088 | 90,006 | Nil |
| Dr D McLaughlin Dr R Dickinson Dr W Hooper Prof M Eadie | Understanding the disposition of an important anti-epileptic drug | 971092 | 50,801 | Nil |
| Dr T Yamada | Serotonergic neuron development in the vertebrate CNS | 971094 | 71,852 | Nil |
| Dr B Mowry Mr D Nancarrow | A study of abnormalities in the genetic code that produce vulnerability to schizophrenia | 971095 | 103,401 | Nil |
| Dr R Thomas Dr L Cavanagh | Migration of human antigen presenting cells | 971097 | 59,582 | Nil |
| A/Pr M Sanders Dr W Bor | The prevention of antisocial behaviour in children | 971099 | 98,993 | Nil |
| Prof B Wainwright Prof D Hume | Genes controlling the development of lung disease in normal and cystic fibrosis mice | 971101 | 86,015 | Nil |
| Dr J Greer Prof M Pender | Studies of proteins that may be involved in multiple sclerosis | 971107 | 114,739 | Nil |
| Dr M Rosa | Connections between visual areas of the brain | 971113 | 46,562 | Nil |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|--|----------------|---------------|----------------|
| Prof S Spence | Preventing adolescent depression | 971120 | 96,686 | Nil |
| Dr P Osborne | Effects of abused drugs on a brain region that mediates drug addiction | 971126 | 65,876 | Nil |
| Dr P Wilce Dr W Chen | The basis of ethanol-induced brain damage | 971127 | 84,982 | Nil |
| Prof J Mackenzie Dr L Selvey Dr B Eaton Dr A Gould Dr P Young | Studies on the properties of equine morbillivirus | 971131 | 96,348 | Nil |
| A/Pr C Sernia | Cellular regulation of hormone involved in cardiovascular function | 971135 | 110,383 | Nil |
| A/Pr G Jull | A clinical trial of treatment for headaches arising from the neck | 971139 | 24,169 | Nil |
| A/Pr R Shepherd Dr G Clegghorn | Determinants of high energy requirements in cystic fibrosis | 971142 | 54,327 | Nil |
| Dr C Whitchurch Prof J Mattick | The control of infection by pseudomonas aeruginosa | 971146 | 64,836 | Nil |
| A/Pr P Kroon | A study of different forms of Apo E, a protein which is central in the metabolism of blood cholesterol | 971148 | 52,867 | Nil |
| Dr J Stow | Membrane dynamics in protein trafficking | 971149 | 64,836 | Nil |
| Dr R Sturm | Control of melanoma cell formation | 971153 | 64,836 | Nil |
| Dr D Fairlie Prof D Craik Dr M Smythe Dr J Abbenante | Towards a treatment for Alzheimer's disease. | 971358 | 44,621 | Nil |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|--|----------------|---------------|----------------|
| Prof J Mackenzie Dr S Ritchie Dr J Hanna Ms D Phillips | Will further cases of Japanese encephalitis occur in northern Australia? | 974182 | 101,803 | Nil |
| Dr M Little | Investigating the function of WT1 complexes with RNA and other proteins | 981189 | 40,775 | 1Yr |
| Prof D Hume Dr I Ross | Macrophage differentiation | 981197 | 98,129 | 1Yr |
| A/Pr J Lowe Dr A Clavarino Dr K Balanda Dr W Stanton | Helping mothers protect their young child | 981200 | 65,783 | 1Yr |
| Dr J Lynch | How the structure of the olfactory ion channel is related to its function | 981202 | 42,636 | 1Yr |
| Dr R Parton | Characterisation of virus entry into animal cells | 981206 | 86,987 | 1Yr |
| Prof J Campbell Dr B Rolfe | Novel cytokine protects against vascular disease | 981209 | 48,787 | 1Yr |
| Prof P Bartold A/Pr W Young Prof M Waters | Growth hormone and regeneration | 981211 | 96,209 | 1Yr |
| A/Pr R Jackson Dr G Hockings Dr J Grice Dr E Nye Dr C Strakosch | Abnormalities of pituitary ACTH secretion in disease states | 981218 | 57,955 | 1Yr |
| Dr N Barnett Dr D Pow | Understanding the mechanisms of neuronal damage when retinal blood supply is reduced | 981222 | 53,300 | 1Yr |
| Prof L Geffen Prof G Geffen | Management of concussion in contact sport | 981227 | 58,766 | 1Yr |
| Dr P Koopman | Molecular genetics of skeletal development | 981236 | 93,503 | 1Yr |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|--|--|----------------|---------------|----------------|
| Dr L Bryan-Lluka | Molecular biology of transporter proteins: leads for more specific therapy of depression | 981242 | 51,945 | 1Yr |
| A/Pr D Kavanagh Mr T Sitharthan Dr G Sitharthan Prof J Saunders | Prevention of relapse in treatment of alcohol abuse by exposure to risk situations | 981245 | 76,895 | 1Yr |
| Dr P Noakes Dr N Lavidis | Role of synaptic molecules in the formation and function of nerve muscle connections | 981252 | 49,144 | 1Yr |
| Prof M McManus | Characterisation of enzymes that metabolise foreign chemicals | 981256 | 100,931 | 1Yr |
| Dr A Cavanagh Dr K Summers | Expression and regulation of the early pregnancy factor gene(s) | 981258 | 48,787 | 1Yr |
| Dr T Yamada Dr P Koopman | Sox14 and CNS development | 981261 | 47,291 | 1Yr |
| Dr D Markovich | Molecular characterisation of genes encoding human and mouse Na/Sulphate Co-transporters | 981275 | 98,723 | 1Yr |
| Dr M Smythe Prof P Andrews A/Pr P Alewood | New strategies towards protein therapeutics | 981279 | 53,659 | 1Yr |
| Dr J Fawcett | Developing new drugs to improve the preservation of transplant organs | 981283 | 47,291 | 1Yr |
| A/Pr P Kaye | Actions of growth hormones in early pregnancy | 981285 | 53,441 | 1Yr |
| A/Pr J Bryan A/Pr G Williams Dr D Foley | Naming and describing the SW pacific malaria carriers | 981288 | 68,930 | 1Yr |
| Dr M McGuckin Prof B Ward | Study of a mucin important in the biology and treatment of breast and ovarian cancer | 981291 | 114,592 | 1Yr |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|---|----------------|---------------|----------------|
| Dr J Stow | G protein signalling on the Golgi complex | 981297 | 102,087 | 1Yr |
| Dr M Smith Prof L Mather | Studies of the rate of entry of morphine-3-glucuronide into the brain and its mechanism of action | 981304 | 50,083 | 1Yr |
| Prof D Adams | Peptide modulation of ganglionic transmission in the heart | 981308 | 53,659 | 1Yr |
| Dr R Carson Dr Y Burns Dr M Mon-Williams Dr J Tresilian | Coordinating research into movement disorders | 981311 | 39,612 | 1Yr |
| Prof M Roberts A/Pr J Thompson A/Pr B Smithers A/Pr C Anderson | Cytotoxic limb infusion pharmacokinetics | 981314 | 92,572 | 1Yr |
| Prof J Mattick | Infection by pseudomonas aeruginosa | 981319 | 104,519 | 1Yr |
| Prof S O'Donnell | Drugs and airway inflammation | 981322 | 45,429 | 1Yr |
| Prof M Waters | How does growth hormone regulate genes? | 981323 | 57,955 | 1Yr |
| Prof M Waters | How does the growth hormone receptor send its signal? | 981324 | 105,098 | 1Yr |
| Dr M Jennings | The role of sugar modifications of surface proteins in bacteria causing meningitis and gonorrhoea | 981423 | 53,659 | 1Yr |
| Dr G Gobe | An investigation of how the Bcl-2 gene family improves survival of kidney cells induced to die | 981822 | 50,083 | 1Yr |
| Prof B Wainwright Dr C Wicking | Structure-function analysis of the patched tumour suppressor gene product | 981823 | 105,098 | 1Yr |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|--|----------------|---------------|----------------|
| Prof B Wainwright Dr C Wicking | Inactivation of the patched tumour suppressor gene in the skin of transgenic mice | 981824 | 53,659 | 1Yr |
| Dr D Richardson | Iron uptake by the human malignant melanoma cell | 981826 | 59,216 | 1Yr |
| Dr G Muscat | Regulation of Differentiation by Nuclear Receptors | 990087 | 58,151 | 2Yrs |
| Prof J Hancock | How the signalling protein Raf is activated | 990123 | 167,565 | 2Yrs |
| Prof B Wainwright Dr P Middleton | Probing the nature of the CF cell for the development of clinical endpoint's and novel therapeutic strategies. | 990175 | 122,276 | 2Yrs |
| Prof M Waters Dr P Noakes | What part of the growth hormone receptor signals growth in vivo? | 990179 | 64,593 | 2Yrs |
| A/Pr R Smith Dr G Kidd | RNA transport in brain cells. | 990189 | 71,914 | 2Yrs |
| Dr N McMillan Prof I Frazer Dr M Bowles | What happens when the cervical cancer-causing virus binds to cells? | 990198 | 71,914 | 2Yrs |
| Prof B Nurcombe Prof L Bickman Dr G Roberts | Child sexual abuse : multimodal treatment | 990201 | 105,681 | 2Yrs |
| Prof M Pender Dr J Greer Dr P McCombe | Auto-reactivity to gangliosides in multiple sclerosis | 990291 | 73,719 | 2Yrs |
| A/Pr R Tindle | Immune response to tumour antigen in skin | 990299 | 60,827 | 2Yrs |
| Prof D James | Insulin Action in Muscle and Fat Cells | 990333 | 64,575 | 2Yrs |
| Dr M McGuckin Prof J Jass Mrs S Williams | Study of two newly identified genes involved in epithelial diseases such as cancer and cystic fibrosis | 990339 | 58,151 | 2Yrs |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|--|----------------|---------------|----------------|
| Prof I Frazer | Treating cancers effectively with vaccines | 990345 | 108,084 | 2Yrs |
| Prof L Manderson Dr P Allotey | A study of reproductive health in migrant women from the Sahel Belt of Africa & Middle Eastern countries | 990360 | 34,156 | 2Yrs |
| Prof M McManus Dr J Martin Dr B Leggett Dr A Johnson | Functional characterisation of human enzymes that metabolise foreign chemicals | 990394 | 112,238 | 2Yrs |
| Dr R Parton | Caveolae formation and function | 990484 | 105,240 | 2Yrs |
| A/Pr N Lennox Dr D Purdie Dr R Bush Dr C Bain | An intervention aimed at improving the health of adults with an intellectual disability. | 990537 | 79,376 | 2Yrs |
| A/Pr R Shepherd A/Pr B Thomas A/Pr P Davies | Energy expenditure and body composition in growing infants. | 990555 | 91,241 | 1Yr |
| Prof D James Dr S Martin | GLUT4 trafficking | 990558 | 71,066 | 2Yrs |
| Dr M Little Dr T Yamada | Understanding the function of the hSlit2 gene in neural and kidney development | 990605 | 106,398 | 2Yrs |
| Dr J Lynch | Physiological regulation of the olfactory cAMP-gated ion channel | 990634 | 62,889 | 2Yrs |
| Dr P Noakes Dr S Bartlett | Molecular mechanisms of how motor nerve connections are maintained at the site of nerve-muscle contact. | 990656 | 69,655 | 2Yrs |
| A/Pr S Tett Dr A Johnson Mr P Taylor A/Pr S Lynch | Improved method of dosing an immunosuppressant drug, tacrolimus | 990715 | 45,034 | 2Yrs |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|---|----------------|---------------|----------------|
| Dr D Fairlie Prof D Craik Dr S Taylor | Regulating an Inflammatory Protein in Blood | 990753 | 90,686 | 2Yrs |
| Dr D Gotley Ms T Yeadon Dr J Fawcett Dr D Crawford | Tumour-host organ interaction in liver cancer | 990951 | 58,151 | 1Yr |
| A/Pr P Kroon Dr I Brereton A/Pr R Smith | An analysis of the receptor for low-density lipoprotein | 990982 | 74,735 | 2Yrs |
| Prof M Roberts | Solute and metabolite pharmacokinetics in liver | 991016 | 126,496 | 2Yrs |
| Dr B Mowry Dr R Barrett Mr D Nancarrow | Searching for schizophrenia genes among the Iban of Sarawak | 991035 | 54,669 | 2Yrs |
| Dr J Zhou | Study the mechanisms by which papillomavirus turns on its coat protein production | 991041 | 73,862 | 2Yrs |
| Dr A Yap | Regulation of cell-cell adhesion. | 991170 | 112,715 | 2Yrs |
| Dr C Wainwright A/Pr J Carlin Dr P Cooper Dr C Byrnes Dr A Martin Dr P Francis Dr C Robertson | A new cooperative approach to improve cystic fibrosis outcomes. | 991186 | 84,340 | 2Yrs |
| Dr N Lavidis Dr W Phillips | Development of functional connections between nerves and smooth muscle. | 991207 | 82,833 | 2Yrs |
| A/Pr G Williams Dr M Steinberg Prof J Najman Ms C Cartwright | Euthanasia: will legislation increase or decrease it? | 991211 | 92,473 | 1Yr |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|--|----------------|---------------|----------------|
| Dr A Clavarino A/Pr J Lowe Dr W Stanton Dr K Balanda Prof J Najman Dr G Beadle | A longitudinal study of palliative care received by cancer patients in Brisbane, Queensland. | 991215 | 59,624 | 2Yrs |
| Dr R Gardiner Dr V Hyland Dr N Morrison Dr J Clements | Early screening for detection of prostate cancer. | 991231 | 88,100 | 2Yrs |
| Dr J Zhou Prof I Frazer | How do papillomavirus and the human immune system play hide-and-seek game during infection? | 991242 | 60,183 | 2Yrs |
| Dr M Jennings | A study on a component (LPS) of a bacteria which causes meningitis; its role in disease and vaccine potential. | 991266 | 52,699 | 2Yrs |
| Prof J Najman Dr M Dunne Dr F Boyle Dr D Purdie | The influence of sexual experiences, abuse dysfunction and satisfaction on general health | 991272 | 103,545 | 1Yr |
| Dr R Thomas Mr B O'Sullivan | Control of antigen presenting cell differentiation | 991488 | 61,199 | 2Yrs |
| Dr I Hayward A/Pr V Nurcombe Dr J Bingley Prof G Campbell | Heparin sulphate structure and function in arterial disease | 991500 | 76,910 | 2Yrs |
| Dr S Hamilton Prof J De Jersey Prof D Hume | Studies on an enzyme which is a target for anti-Osteoporotic drugs | 991511 | 64,575 | 2Yrs |

South Australia

University of Adelaide

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|------------------|---|--------|--------|-----|
| Prof A McFarlane | The comparative role of drugs and the psychotherapy in the treatment of the effects of traumatic stress | 960472 | 45,416 | Nil |
|------------------|---|--------|--------|-----|

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|--|--|----------------|---------------|----------------|
| Dr H Richardson Prof R Saint | Control of cell proliferation during development | 970041 | 77,204 | Nil |
| Dr D Watson Dr P Hewett Dr A Rofe Prof G Maddern | Laparoscopic tumour dissemination | 970057 | 68,630 | Nil |
| Dr M Whitelaw | Proteins involved in gene regulation, embryonal development and Down syndrome | 970064 | 62,419 | Nil |
| Prof W Runciman Dr R Upton | Studies of the movement of gases between blood and tissues | 970067 | 62,734 | Nil |
| A/Pr R Norman A/Pr A Dharmarajan Dr S Maddocks Dr S Robertson | CSF's and ovulations | 970069 | 67,784 | Nil |
| Dr S Robertson Dr R Seamark Prof J Robinson | The role of semen in the maternal immune response to pregnancy | 970070 | 68,630 | Nil |
| Dr A Focareta | A study of disease-associated determinants and gene expression in vibrio cholerae | 970073 | 136,130 | Nil |
| Dr J Owens Prof J Robinson | Growth promoting proteins and control of growth before birth | 970180 | 121,111 | Nil |
| Prof I McMillen Dr J Owens Prof J Robinson | The relationship between nutrition, fetal hormone secretion and birth | 970182 | 60,632 | Nil |
| Dr S Dalton | Control of cell division and proliferation | 970186 | 62,209 | Nil |
| A/Pr G Mayrhofer A/Pr L Cleland | Function and fate of certain white blood cells in experimentally-induced polyarthritis | 970187 | 100,891 | Nil |
| Prof J Horowitz Dr Y Chirkov Prof I Lande Dr P Mohan | Mechanisms of response to nitrates in blood vessels, platelets and heart muscle | 970191 | 116,886 | Nil |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|--|----------------|---------------|----------------|
| Dr E Cleary Dr J Kumaratilake | Dermal responses to ultraviolet irradiation | 971343 | 96,694 | Nil |
| Dr M Heuzenroeder | How do Escherichia Coli adhere to the gut and what do they recognise? | 980159 | 74,794 | 1Yr |
| Dr R Morona | Cell surface polysaccharides and virulence of the intracellular bacterial pathogen Shigella flexneri | 980160 | 123,186 | 1Yr |
| Dr J Hiller Dr H McDonald Prof P Darbyshire | Antenatal group B streptococcus screening: timing, detection and women's views | 980164 | 24,232 | Nil |
| Prof G Townsend A/Pr L Richards Prof L Messer | Dental and facial development of twins | 980170 | 84,948 | 1Yr |
| Prof B Vernon-Roberts Prof R Fraser Dr N Fazzalari Dr R Moore Dr E Cleary | Intervertebral disc degeneration caused by tears in its outer layers | 980171 | 67,625 | 1Yr |
| A/Pr D Findlay Dr D Haynes Prof D Howie Dr B To | Human osteoclast formation | 980172 | 61,106 | 1Yr |
| Dr S Waterman | Mechanisms underlying diseases affecting the autonomic nervous system | 980180 | 87,536 | 1Yr |
| Dr C Crowther Prof J Robinson Dr R Haslam | Repeated prenatal steroids to women at risk of preterm birth to reduce neonatal morbidity | 980185 | 164,813 | 1Yr |
| Dr R Gilchrist Prof D Armstrong A/Pr R Norman | IVM of primate oocytes | 980190 | 81,226 | 1Yr |
| Dr A Jilbert Prof C Burrell | Resolution of duck hepatitis B virus infection | 980194 | 146,649 | 1Yr |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|--|--|----------------|---------------|----------------|
| Dr D Turnbull Dr C Wilkinson Ms K Gerard Dr G Stamp | Day care trial | 980371 | 57,985 | 1Yr |
| A/Pr J Paton Dr R Morona | Analysis of pneumococcal capsule genes | 980586 | 100,227 | 1Yr |
| A/Pr J Paton | Virulence factors of group B streptococci | 980587 | 55,876 | 1Yr |
| Dr A Simmons Dr R Wilkinson | Molecules that control the growth of herpes simplex virus in nerve cells | 980589 | 97,813 | 1Yr |
| Prof J Dent Dr R Fraser Prof M Horowitz Dr W Sun | How stomach and intestinal contractions move food | 980606 | 76,494 | 1Yr |
| Dr R Upton Prof J Myburgh Dr G Ludbrook | How the dose of drugs should be modified for various diseases in critically ill patients | 981877 | 57,955 | 1Yr |
| Dr S Kumar | Functional analysis of the Nedd4 protein | 981887 | 53,441 | 1Yr |
| Dr P Cowled Mr J Miller | Inhibition of growth of bladder cancer cells by the uroplakin 1B gene | 990018 | 60,529 | 2Yrs |
| Dr K Rye | Phospholipids and high density lipoproteins | 990172 | 126,264 | 2Yrs |
| Dr S Kumar | How cell survival and death are regulated | 990178 | 61,199 | 2Yrs |
| A/Pr B May Dr S Dogra | Induction of P450 genes | 990229 | 67,173 | 2Yrs |
| Prof H Zola Dr P Macardle Prof D Robertson | The antibody response in the human infant | 990304 | 97,811 | 2Yrs |
| Dr D Saint | The electrical currents governing the excitability of the heart. | 990311 | 110,216 | 2Yrs |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|--|---|----------------|---------------|----------------|
| A/Pr J Paton | Understanding pneumococcal disease | 990320 | 127,599 | 2Yrs |
| A/Pr J Paton Dr A Paton | Pathogenesis of STEC infection | 990321 | 119,788 | 2Yrs |
| A/Pr B May Dr T Sadlon | Role of ALAS2 in heme synthesis and disease. | 990328 | 116,558 | 2Yrs |
| Dr J Owens Prof J Robinson | How does poor growth before birth change how hormones control growth after birth. | 990357 | 125,774 | 2Yrs |
| Dr B Smith Dr D Pisaniello | Lung Cancer in Port Adelaide | 990462 | 43,215 | 2Yrs |
| A/Pr A Somogyi Dr J White Prof F Bochner | Ways to improve methadone treatment of heroin users. | 990586 | 60,183 | 2Yrs |
| Dr M Gibson | Structural protein interactions essential for function of arteries, lung and skin | 990622 | 57,779 | 2Yrs |
| Dr R Upton Dr P Macintyre Dr G Ludbrook | How understanding the movement of pain killing drugs in the body can improve the control of surgical pain | 990638 | 94,315 | 2Yrs |
| Dr M Wakefield Dr I Olver | Evaluation of a smoking cessation program for patients with cancer | 990804 | 50,582 | 1Yr |
| Prof A Spencer | The Oral Health of Older Adults with Dementia | 991004 | 40,549 | 1Yr |
| Dr B Smith Dr K Pile Dr P Phillips | Osteoporosis in airways disease | 991243 | 83,699 | 2Yrs |
| Prof D Howie Dr O Holubowycz Ms M McGee Dr S Graves | Differences in the incidence of hip instability using two designs of total hip replacement | 991282 | 60,448 | 2Yrs |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|---|----------------|---------------|----------------|
| A/Pr T Miles Dr M Nordstrom Prof P Thompson | Control of jaw muscles | 991289 | 60,061 | 2Yrs |
| A/Pr M Sawyer Dr D French Dr P Baghurst Dr J Cooper | Family environment and treatment factors which influence the quality of life of children with chronic illness | 991296 | 76,307 | 2Yrs |
| Dr N Hussey Prof C Matthews | Development of improved methods for the genetic diagnosis of the early human embryo | 991345 | 59,251 | 2Yrs |
| Dr M Whitelaw | How cells sense and respond to low oxygen stress | 991355 | 61,199 | 2Yrs |
| Dr A Dobrovic | Genetic changes in leukaemia. | 991393 | 62,889 | 2Yrs |
| Dr R Fraser Dr E Yeoh Prof M Horowitz Dr L Blackshaw | Effects of radiotherapy on control of small intestinal contractions | 991468 | 55,032 | 2Yrs |
| Dr M James A/Pr L Cleland | Control of chemical messengers in inflammation | 991494 | 64,247 | 2Yrs |
| Dr S McColl | Chemotactic cytokines in adaptive inflammation | 991507 | 94,388 | 2Yrs |
| A/Pr T Gonda | Identification of genes controlled by the product of the Myb oncogene | 991520 | 55,702 | 2Yrs |

Child Health Research Institute Incorporated

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|--|--|--------|--------|-----|
| Dr L Read Dr C Xian Dr D Moore A/Pr R Byard | Potential new treatments for inflammatory bowel diseases | 970222 | 72,403 | Nil |
|--|--|--------|--------|-----|

Flinders University of South Australia

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|-------------------------------|--|--------|---------|-----|
| Dr G Saccone Prof J Toouli | Nerves between the sphincter of Oddi and the small intestine | 970001 | 100,263 | Nil |
|-------------------------------|--|--------|---------|-----|

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|--|---|----------------|---------------|----------------|
| Dr M Smith Dr M Ahern Dr M Coleman Prof P Roberts-Thomson | Cytokines and cell adhesion molecules in rheumatoid arthritis | 970004 | 52,903 | Nil |
| Dr N Sims | Mechanisms of brain cell death in stroke | 970005 | 51,116 | Nil |
| Prof M Berry Dr D Henly Dr J Phillips | The role of the liver in the development of high blood sugar in diabetes | 970010 | 79,950 | Nil |
| Dr S Brookes Dr S Yuan Prof M Costa | Control of gut sphincter muscles | 970011 | 59,582 | Nil |
| Dr T Gordon Prof J McCluskey | How auto-immunity develops and spreads | 970015 | 67,988 | Nil |
| A/Pr R Rush | What is the function of bdnf following its production by sensory nerves | 970018 | 59,582 | Nil |
| Dr W Tilley Dr S Birrell Dr D Horsfall | Regulation of breast cancer cell growth by androgens | 970020 | 85,353 | Nil |
| Dr K Knights | The role the liver plays in breaking down drugs and chemicals in humans | 970023 | 58,122 | Nil |
| Prof A Murray Dr P Hartfield | Regulation of cell death and differentiation by lipid-derived molecules | 970026 | 80,766 | Nil |
| Dr R Rodgers | The role of the extracellular material that separates the two cell layers that surround each egg in the ovary | 970028 | 64,836 | Nil |
| Prof J Finlay-Jones Dr P Hart | Critical early events in the induction of abscesses in the abdominal cavity | 970031 | 59,208 | Nil |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|--|---|----------------|---------------|----------------|
| Prof A Morley Dr M Brisco Dr P Sykes | Detecting and treating small traces of leukaemia in children | 970032 | 99,140 | Nil |
| Prof I Gibbins | How are nerve cells connected to each other? | 970033 | 120,403 | Nil |
| Prof F Baum Dr R Bush Dr R Cooke | Promoting health at regional level : social capital and health development in action | 974006 | 91,467 | Nil |
| Prof J Miners Dr C Bhasker | Predicting drug metabolism in humans | 980330 | 95,513 | 1Yr |
| Prof A Crocker | A new view of the brain mechanisms involved in Parkinson's disease | 980333 | 56,452 | 1Yr |
| A/Pr D Gordon Dr H Ward Dr T Blackmore | Function and control of production of factor H, a protein regulating inflammation | 980334 | 95,946 | 1Yr |
| Dr R Ryall Dr P Grover Dr A Stapleton | Part of a blood clotting protein may prevent kidney stone disease | 980336 | 77,258 | 1Yr |
| A/Pr J Condon Prof P Boyce | An investigation of the mental health of men during the year following birth of a child | 980338 | 80,693 | 1Yr |
| Prof D Birkett Prof J Miners Dr C Bhasker | How drug metabolising enzymes work | 980348 | 134,669 | 1Yr |
| Dr D Weller Prof C Silagy Dr D Wattchow | GP versus hospital follow-up of patients with colorectal cancer | 980449 | 54,866 | 1Yr |
| Dr I Doyle Dr A Bersten Prof T Nicholas | Surfactant changes in acute lung injury | 980451 | 73,896 | 1Yr |
| Prof M Costa Dr S Brookes Dr V Zagorodnyuk | Intestinal peristalsis | 980454 | 64,801 | 1Yr |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|--|--|----------------|---------------|----------------|
| Dr D Cameron | Investigation of cocaine-induced changes in brain function | 980458 | 54,738 | 1Yr |
| Dr S Brookes Prof M Costa | Initiation of intestinal peristalsis | 980511 | 111,226 | 1Yr |
| Dr C Clark Prof A McFarlane Dr A Puce Dr R Greenblatt | Identifying and timing brain systems contributing to cognitive dysfunction in PTSD | 980690 | 52,153 | 1Yr |
| A/Pr J Willoughby Dr A Medvedev Ms L Mackenzie Dr J Hiscock | Basic mechanisms of epilepsies | 990032 | 80,905 | 2Yrs |
| Dr S Wesselingh Dr I Dry Dr R Strugnell | Development of a Plant Derived Oral Vaccine for Measles | 990037 | 61,199 | 2Yrs |
| Dr J Messenger Prof I Gibbins | How do different chemicals contribute to communication between nerves? | 990751 | 67,173 | 2Yrs |
| Dr M Smith Prof P Roberts-Thomson Dr M Ahern Dr M Coleman | T cells, T cell cytokines and apoptosis in rheumatoid arthritis | 991014 | 77,943 | 2Yrs |
| Prof G Young Prof A Sinclair | Aspirin-like drugs, dietary fats and prevention of large bowel cancer | 991033 | 81,394 | 2Yrs |
| Dr L Johnson | Bioethics From a Biocentric Perspective | 991060 | 20,942 | 2Yrs |
| Prof A Morley Dr P Sykes Dr M Brisco | Improving the detection of rare leukaemic cells in leukaemia | 991084 | 61,670 | Nil |
| Ms D Whitford Mr A Esterman Dr D Weller | Effect of shoe inserts on how well children walk and foot pain for 7-11 year old children with flat feet | 991323 | 70,318 | 1Yr |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|-------------------------------|--|----------------|---------------|----------------|
| A/Pr L Lack Prof R Bootzin | Is insomnia caused by the inaccurate perception of sleep and can it be treated with perceptual training? | 991341 | 83,931 | 2Yrs |

Institute of Medical and Veterinary Science

| | | | | |
|--|--|--------|---------|------|
| Dr P Simmons Dr J Levesque Dr B To Mr D Haylock | Role of cell adhesion in controlling the growth of blood cell | 970193 | 57,281 | Nil |
| Dr B Wattenberg | Secretion of protein by cells which line blood vessels | 970195 | 52,943 | Nil |
| A/Pr L Ashman | Function of a platelet tetraspan protein | 970196 | 65,641 | Nil |
| Dr H Morris Dr T Durbridge A/Pr B May A/Pr A Need | How do androgens and oestrogens stimulate the restoration of bone? | 970208 | 56,096 | Nil |
| A/Pr T Gonda | Properties of novel proteins that interact with the product of the Myb "cancer gene" | 970215 | 106,108 | Nil |
| Dr P Kaur Dr J Rothnagel | Keratinocyte stem cell biology | 981881 | 73,979 | 1Yr |
| Dr P Simmons | The role of CD59 in human haemopoiesis | 981882 | 60,505 | 1Yr |
| Dr B Wattenberg | The mechanism determining the ordered movement of proteins through cells | 981895 | 92,855 | 1Yr |
| Dr P Simmons Dr S Graves | Stromal Stem Cell Biology | 990916 | 121,216 | 2Yrs |
| Dr J Levesque Dr P Simmons Dr T Hughes | Adhesion to P-selectin Inhibits the Development of Blood Cells | 991522 | 108,370 | 2Yrs |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Queen Elizabeth Hospital

| | | | | |
|---------------------------------|--|--------|--------|------|
| Dr B Sallustio | The effect of drugs on liver function | 970238 | 53,077 | Nil |
| Mrs J Hardingham Dr P Hewett | Detection of micrometastatic disease at diagnosis in patients with colorectal cancer | 990774 | 56,969 | 2Yrs |

Royal Adelaide Hospital

| | | | | |
|--|---|--------|---------|-----|
| Prof M Horowitz Prof J Dent Dr W Sun | Effect of diabetes on stomach function - the role of stomach emptying in the control of blood glucose | 970052 | 95,070 | Nil |
| Dr L Blackshaw | Sensing of digestive processes in health and disease | 970212 | 162,909 | Nil |

Repatriation General Hospital, Daw Park

| | | | | |
|--|---|--------|--------|-----|
| Dr R McEvoy Prof N Saunders | Oxygen deprivation and other factors leading to unstable breathing awake and asleep | 970239 | 75,512 | Nil |
| Dr R McEvoy Dr R Grunstein Mr M Phillips Dr E Ellis | The effect of assisted ventilation at night in patients on long term, home oxygen therapy | 981918 | 94,126 | 1Yr |

University of South Australia

| | | | | |
|---|---|--------|--------|-----|
| Dr A Evans Prof R Nation Dr R Milne Dr P Hayball | Removal of glucuronide conjugates by the kidney, and their influence on other drugs | 970231 | 56,224 | Nil |
| Dr R McKinnon Dr P Mackenzie | Generation of UGT1 mutant mouse lines as toxicological models | 970233 | 55,600 | Nil |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|---|----------------|---------------|----------------|
| Prof J Pincombe A/Pr J Cheek Ms A Ballantyne Ms M Brown Dr D Thorne | Care of dying patients in the acute general hospital setting | 980540 | 52,729 | Nil |
| Dr R McKinnon | Development of a Cyp4b1 deficient mouse line | 990411 | 55,658 | 2Yrs |
| Dr K Grimmer A/Pr P Trott Dr B Dansie | Change in high school students' spinal posture related to backpack load | 990590 | 42,098 | Nil |

Women's and Children's Hospital

| | | | | |
|---|--|--------|---------|-----|
| Dr H Singh Dr B Paton Prof A Poulos | Fat degradation defects in humans | 970217 | 116,149 | Nil |
| Dr T Omari A/Pr G Davidson Prof J Dent Dr R Haslam | Oesophagus and stomach function in preterm babies with feeding and respiratory problems | 970220 | 59,336 | Nil |
| Dr B Paton Dr H Singh Dr W Carey | Understanding how the breakdown of fats is affected in patients with peroxisomal disorders | 981579 | 80,772 | 1Yr |

Western Australia

Curtin University of Technology

| | | | | |
|--|--|--------|---------|-----|
| A/Pr M Garlepp | Induction of immunity to mesothelioma | 970079 | 126,399 | Nil |
| A/Pr K Singer Dr W Breidahl Mr R Day Dr R Price | Estimating fracture risk in normal and aged spines | 970244 | 47,613 | Nil |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Edith Cowan University

| | | | | |
|--|-----------------------------------|--------|--------|-----|
| Dr L Kalaydjieva A/Pr J Hallmeyer Prof A Bittles | Identification of a new HMSN gene | 970253 | 58,122 | Nil |
|--|-----------------------------------|--------|--------|-----|

Murdoch University

| | | | | |
|-----------|--|--------|--------|------|
| Prof G Ho | Simple and cheap method for testing bacteriological quality of drinking water in remote Aboriginal communities | 990700 | 53,004 | 2Yrs |
|-----------|--|--------|--------|------|

Sir Charles Gairdner Hospital

| | | | | |
|----------------------------|--|--------|---------|-----|
| Dr T Ratajczak | The function of immunosuppressant drug binding proteins | 971339 | 106,567 | Nil |
| Dr A James Dr N Carroll | Airway inflammation in asthma and chronic obstructive pulmonary disease (COPD) | 981516 | 98,095 | 1Yr |

University of Western Australia

| | | | | |
|---|---|--------|---------|-----|
| A/Pr K Jamrozik Mr P Norman Mr M Lawrence-Brown Prof J Dickinson | A randomised trial of screening for abdominal aortic aneurism | 964145 | 5,564 | 1Yr |
| Dr J Dickinson Dr M Paech Dr S Evans Dr S McDonald | The effects of intrapartum pain management on caesarean section rates | 970076 | 125,743 | Nil |
| Dr W Carroll | Cells that generate repair of CNS injury | 970081 | 68,141 | Nil |
| Prof J Hall | Nutritional support of critically ill patients | 970089 | 48,699 | Nil |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|--|----------------|---------------|----------------|
| Dr U Kees Dr P Watt | Studies on genetic abnormalities in childhood leukaemia | 970093 | 70,090 | Nil |
| Dr R Martins Dr R Clarnette | A follow-up study on mild memory disturbance | 970094 | 22,858 | Nil |
| Prof S Klinken | Genes that control blood cell production | 970095 | 59,582 | Nil |
| Dr P McMenamin | Studies of iris dendritic cells: are they the immune 'sentinels' of the eye? | 970096 | 59,582 | Nil |
| A/Pr A Harvey | Cell death and nerve fibre regrowth in the rodent visual system | 970098 | 117,486 | Nil |
| Dr A McWilliam | How does the binding of allergens to alveolar macrophages contribute to the inflammation in lung | 970099 | 54,969 | Nil |
| Dr H Farrell Dr N Davis-Poynter Prof G Shellam | Studies of cytomegalovirus proteins implicated in modifying host immune responses | 970101 | 118,322 | Nil |
| Dr P McMinn | Analysis of the molecular determinants of flavivirus fusion and virulence | 970106 | 50,801 | Nil |
| Dr J Mamo Dr G Watts | Are dietary fats cleared poorly in subjects with waistline obesity | 970115 | 79,208 | Nil |
| Prof B Robinson Dr R Lake | Blockade of TGF- β in tumours and specific anti-tumour immune responses | 970116 | 64,836 | Nil |
| Dr B Waddell | Hormonal regulation of the uterus in pregnancy | 970132 | 52,903 | Nil |
| Dr S Wilton Dr S Fletcher Prof J Howell Prof B Kakulas | Gene therapy for the treatment of muscular dystrophy | 970134 | 71,294 | Nil |

RESEARCH GRANTS
Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|--|----------------|---------------|----------------|
| A/Pr W Thomas | Inhibition of immune responses by the intranasal administration of peptides | 970136 | 61,479 | Nil |
| Dr P Price Dr C Witt Dr S Gaudieri Dr P Hollingsworth | How MHC genes affect diabetes | 970145 | 100,405 | Nil |
| A/Pr P Thompson | How do airway epithelial cells control the production of mediators which cause bronchospasm? | 970150 | 61,683 | Nil |
| Dr P Myles Dr B Silbert Dr J Rigg A/Pr K Jamrozik | The master anaesthesia trial | 970166 | 181,283 | Nil |
| Dr J Allan Prof G Shellam | Immunisation of the T cell response to virus infection | 970174 | 112,580 | Nil |
| Prof D Fletcher A/Pr K Jamrozik A/Pr M Hobbs Dr L Mollison | Costs and quality of life in duodenal ulcer disease | 974021 | 12,066 | Nil |
| Dr P Thompson Dr J Hung Dr S Nidorf | Determinants of Atherosclerotic Progression in a Population sample | 974055 | 67,380 | Nil |
| Prof C Holman Prof A Jablensky Mr S Fazio Dr A Bass | Opportunities for Disease Prevention in People with Mental Illness | 974107 | 83,771 | Nil |
| Dr A Plant Dr J Streeton Dr D Sang | The causes of tuberculosis in foreign-born people | 974108 | 83,038 | 2Yrs |
| Prof C Holman A/Pr M Hobbs Dr A Bass Dr I Rouse | Studies of the Use and Effectiveness of Health Care Services | 974109 | 152,112 | 1Yr |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|--|--|----------------|---------------|----------------|
| A/Pr K Jamrozik A/Pr M Hobbs Dr P Thompson Ms D Hendrie | The management, outcome and costs of angina and cardiac failure | 974111 | 43,416 | Nil |
| A/Pr K Jamrozik A/Pr M Hobbs Dr P Thompson | Trends in heart attack and stroke, and cardiac risk factors and operations | 974116 | 239,690 | 2Yrs |
| Prof A Jablensky Dr D Castle Mr F Morgan Ms A Ferrante | Criminality and schizophrenia | 974122 | 54,547 | Nil |
| A/Pr D Robertson Dr G Yates Dr A Everett | Calcium and hearing | 980553 | 74,265 | 1Yr |
| A/Pr G Yeoh | Factors which cause growth of cells which can give rise to liver cancer | 980554 | 94,871 | 1Yr |
| Prof J Newnham Dr C Braekevelt Prof R Harding | Effects through to adult life of maturing the foetus with steroid drugs | 980578 | 81,559 | 1Yr |
| Prof R Goldie Dr P Rigby | The effect of allergic status on leakiness in small airway blood vessels | 980579 | 114,384 | 1Yr |
| Prof S Klinken | New interacting molecules that regulate red blood cell development | 980610 | 60,096 | 1Yr |
| Dr S Devadason A/Pr P Souef | Assessment of non-CFC based inhalers | 980795 | 55,907 | 1Yr |
| Prof F Mastaglia Dr G Thickbroom Mrs B Phillips | Cortical reorganisation after stroke | 980802 | 53,300 | 1Yr |
| Dr P Watt Dr U Kees | Selecting specific blockers of leukaemia cell growth | 981372 | 68,275 | 1Yr |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|--|--|----------------|---------------|----------------|
| Dr M Bogoyevitch | The role of stress-activated signalling pathways in the development of heart disease | 981427 | 49,702 | 1Yr |
| Dr P Rakoczy Dr M Baines Prof I Constable | Enzymatic failure and age related macular degeneration | 981471 | 57,955 | 1Yr |
| Dr L Abraham | TNF polymorphism and disease | 981616 | 51,945 | 1Yr |
| Dr W Langdon Dr R Scaife | The role of the Cbl oncogene in regulating cell growth | 981649 | 112,102 | 1Yr |
| A/Pr H Mitchell Dr P Gray Dr D Turner | Mechanisms of airway narrowing in allergic lung disease | 981668 | 114,708 | 1Yr |
| A/Pr G Martin Dr P Vercoe Dr D Blache Dr B Stuckey | New hormonal systems through which nutrition regulates reproduction | 981672 | 92,363 | 1Yr |
| Prof L Beilin Dr V Burke Dr J Hodgson A/Pr I Puddey | Effects of protein and fibre consumption on blood pressure | 981703 | 153,748 | 1Yr |
| Prof L Beilin Dr T Mori A/Pr I Puddey | How EPA and DHA found in fish oils, effect blood vessels, blood fats and glucose, in diabetics | 981704 | 145,127 | 1Yr |
| A/Pr I Puddey Prof L Beilin Dr V Burke Dr K Croft | Alcohol and endothelial function | 981707 | 55,374 | 1Yr |
| A/Pr K Ilett Prof T Davis Dr M Beaman | Dihydroartemisin metabolism and kinetics in humans | 981712 | 59,244 | 1Yr |
| Prof R Dawkins Dr S Gaudieri Dr J Kulski Dr G Tay | Novel approach to identify disease genes in multigene clusters | 981719 | 101,264 | 1Yr |

RESEARCH GRANTS
Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|---|----------------|---------------|----------------|
| Prof B Marshall Dr M Stevenson | Double blind study of H. pylori eradication with 1 year follow-up by voice mail | 981760 | 123,300 | 1Yr |
| Dr N Klerk Prof A Musk Ms J Hansen | Epidemiology of dust-related diseases | 981763 | 118,226 | 1Yr |
| A/Pr D Robertson | Physiology and Anatomy of Hearing and Deafness | 990003 | 94,162 | 2Yrs |
| A/Pr A Harvey Mr G Plant | Transplants and the reconstruction of spinal cord circuitry after traumatic injuries | 990067 | 110,683 | 2Yrs |
| Prof M Grounds | Understanding skeletal muscle breakdown and repair, using new mouse models of regeneration and muscle disease | 990100 | 59,495 | 2Yrs |
| Dr J Allan | Development of a disabled live vaccine for cytomegalovirus | 990144 | 52,745 | 2Yrs |
| Dr N Urosevic Prof G Shellam | Natural resistance to infection with flaviviruses | 990260 | 78,095 | 2Yrs |
| Dr G Stewart A/Pr P Thompson | Protease-activated receptors influence the function of lung epithelium | 990293 | 105,477 | 2Yrs |
| Dr M Zheng | The role of Rab3d in osteoclast function | 990305 | 61,809 | 2Yrs |
| Dr G Tay Prof R Dawkins Dr J Williamson | Matching of transplant pairs based on ancestral sequences | 990326 | 61,199 | 2Yrs |
| Ms J Finn Prof C Holman | Cardiac Arrest Outcomes | 990335 | 27,670 | Nil |
| A/Pr M Knuiman Dr H Vu Prof I James A/Pr M Segal | Methods for assessing the extent to which chronic diseases run in families | 990349 | 51,933 | 1Yr |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|---|----------------|---------------|----------------|
| Prof B Robinson Dr R Lake Dr B Scott | Can cytokines within cancer tissue stimulate anti-cancer defences? | 990379 | 72,253 | 2Yrs |
| Dr C Lawson Dr M Beilharz | Type I Interferon Therapy | 990393 | 111,315 | 2Yrs |
| Dr C Hicks Dr G Crawford Prof I Constable Prof T Chirila | Assessment of an artificial cornea in human patients. | 990430 | 58,151 | 1Yr |
| Prof P Holt Dr C Macaubas A/Pr P Sly | Studies on the mechanisms of sensitisation to airborne proteins which trigger allergic reactions | 990542 | 127,463 | 2Yrs |
| Prof C Holman Mrs J Hyndman A/Pr M Hobbs Dr J Semmens | An Australian Co-morbidity score for use in hospital outcomes research | 990582 | 91,458 | 2Yrs |
| Dr P Tilbrook Prof S Klinken | Control of red blood cell formation | 990596 | 132,872 | 2Yrs |
| Prof A Jablensky A/Pr J Hallmeyer A/Pr P Michie | Correlated phenotypes in schizophrenia | 990701 | 111,821 | 2Yrs |
| Dr S Stick | Exhaled nitric oxide measurements in wheezy infants | 990707 | 40,621 | 2Yrs |
| Dr P Leedman | Isolation of novel proteins involved in regulating production of a cancer cell growth factor receptor | 990725 | 74,735 | 2Yrs |
| Dr I McAllister A/Pr P Mitchell Dr M Gillies | Retinal Vein Bypass Trial. | 990737 | 149,809 | 2Yrs |
| A/Pr P Sly Ms S Brennan | Prevention of lung damage in cystic fibrosis | 990787 | 64,247 | 2Yrs |
| Dr K Croft A/Pr I Puddey | Identification and role of damaged fats in the build up of fatty deposits in blood vessels. | 990794 | 50,205 | 2Yrs |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|--|----------------|---------------|----------------|
| Dr J Hayball Dr R Lake Prof B Robinson | Regulation of immunity by receptor oligomerisation | 990827 | 78,349 | 2Yrs |
| Prof D Fletcher A/Pr M Hobbs Mrs L Valinsky Ms D Hendrie | Keyhole surgery for gall bladder disease: trends, risk factors & prevention | 990894 | 91,247 | 2Yrs |
| Prof G Shellam Dr M Lawson | Alterations in the host immune response by genetically modified murine cytomegalovirus | 990903 | 73,391 | 2Yrs |
| Ms B Corti Dr F Bull A/Pr R Donovan Dr J Clarkson | Physical environmental factors that influence transport related and recreational walking and cycling | 991115 | 53,207 | 2Yrs |
| Dr S Priest Dr N French Dr P Stone Dr R Hagan | Postnatal stress and depression. | 991121 | 103,976 | 2Yrs |
| Dr D Lloyd Dr G Stachowiak A/Pr S Davis Dr K Maguire | Knee injury, pathological walking patterns, and the early detection and development of knee osteoarthritis | 991134 | 155,623 | 2Yrs |
| A/Pr P Souef Dr J Goldblatt | Candidate genes for airway hyper responsiveness | 991168 | 86,504 | 2Yrs |
| A/Pr J Hallmeyer Prof A Jablensky Dr S Zubrick | Identifying a genetic marker of autism | 991230 | 126,444 | 2Yrs |
| A/Pr P Souef Dr J Goldblatt | Longitudinal study of airway responsiveness (AR) | 991309 | 31,108 | 2Yrs |
| Dr M Byrne A/Pr D Joseph | Trends in the management of key cancers in Western Australia | 991475 | 100,348 | 2Yrs |

RESEARCH GRANTS
Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Tasmania

University of Tasmania

| | | | | |
|---|---|--------|--------|------|
| Dr G Dandie Prof H Muller | UV light damages normal skin immune defences | 971320 | 99,499 | Nil |
| Dr G Woods Prof H Muller | Analysis of the immune system during carcinogenesis | 971331 | 57,071 | Nil |
| Prof T Dwyer | The association of melanoma and non-melanoma skin cancer with melanin density in the skin | 981523 | 75,809 | Nil |
| A/Pr S Kirov | Learning to recognise "summer diarrhoea"-causing bacteria | 981530 | 51,797 | 1Yr |
| Dr A Lyons Prof H Muller | How cell movement into the spleen is controlled | 981546 | 48,231 | 1Yr |
| Dr G Jones Dr R Morley Dr G Jacobson | Risk factors for fractures in adolescence | 990042 | 76,806 | 1Yr |
| Prof M Clark | Plasma Lipid Levels and Muscle Metabolism | 990153 | 63,504 | 2Yrs |
| Prof N Saunders A/Pr K Dziegielewska | Control of internal environment of developing brain | 990355 | 53,670 | 2Yrs |
| Dr K Kirkby Dr B Daniels Dr R Menzies | A trial of a new computer-aided treatment for phobias against standard treatment | 990972 | 47,620 | 1Yr |
| Prof T Dwyer | The effect of isoflavones on HDL cholesterol - the good cholesterol | 991126 | 94,937 | Nil |
| Prof T Dwyer | Diet and the development of kidney disease in diabetes. | 991253 | 54,511 | 1Yr |
| Dr P Johnston Prof D Kilpatrick | Three Dimensional Reconstruction of Coronary Arteries | 991276 | 52,055 | 2Yrs |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Australian Capital Territory

Australian National University

| | | | | |
|----------------------------------|---|--------|---------|------|
| Dr B Walmsley | Communication between nerve cells in the brain | 960623 | 62,651 | Nil |
| Dr J Kourie | How chloride gates are involved in muscle function | 970122 | 112,110 | Nil |
| Prof K Kirk | Membrane transport in malaria-infected erythrocytes | 971008 | 61,274 | Nil |
| Prof K Kirk Prof F Bygrave | Liver cell volume regulation | 971018 | 64,836 | Nil |
| Dr J Altin Dr L Dalgarno | Studying the interaction between two lymphocyte surface molecules using a model membrane | 971019 | 73,954 | Nil |
| Dr M Calford | Does plasticity in adult cortex induce growth of connections? | 971021 | 61,683 | Nil |
| Dr T Vidyasagar Prof B Dreher | Integrative functions of the primate visual system | 971026 | 149,479 | Nil |
| Dr H O'Neill | Germline TCR gene expression: functional significance | 981550 | 56,452 | 1Yr |
| Dr H O'Neill | Dendritic cell development in vitro | 981551 | 58,313 | 1Yr |
| Dr N Verma | Studies of bacteriophages of <i>Shigella flexneri</i> which have relevance to vaccine development | 981570 | 55,521 | 1Yr |
| Dr D Laver Dr G Lamb | How calcium release channels in muscle are regulated by substances on each side of the sarcoplasmic reticulum | 990325 | 95,087 | 2Yrs |
| Prof K Kirk | Antifungal Agents as Novel Antimalarials | 990720 | 58,151 | 2Yrs |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---|---|----------------|---------------|----------------|
| Dr J Butler Dr E Kliewer | A simulation model of cancer and cardiovascular disease | 990790 | 113,663 | 1Yr |
| Dr W Smith A/Pr P Mitchell A/Pr S Chapman | Passive smoking and eye disease | 991544 | 30,569 | Nil |

University of Canberra

| | | | | |
|--|---|--------|--------|-----|
| Prof A Cripps Dr J Kyd Dr D Bastin | Immunisation strategies to prevent respiratory tract infections | 981963 | 67,263 | 1Yr |
|--|---|--------|--------|-----|

The Canberra Hospital

| | | | | |
|--|---|--------|--------|-----|
| Dr G Buffinton Prof W Doe | Mechanisms of tissue injury in inflammatory bowel disease | 971002 | 75,644 | Nil |
| Dr R Simmons Dr T Kilpatrick Dr B Bennetts A/Pr G Stewart | Studies of inherited aspects of susceptibility to multiple sclerosis in Australians | 981580 | 76,179 | 1Yr |

Northern Territory

Menzies School of Health Research

| | | | | |
|--|---|--------|---------|-----|
| Dr K Sriprakash | Additional vaccine antigens for chlamydia | 971030 | 62,209 | Nil |
| Prof D Kemp Prof J Mathews | Bacteria causing respiratory and middle ear disease in Aboriginal infants | 971031 | 76,514 | Nil |
| Prof D Kemp Dr B Currie Dr N Anstey | Immunology of scabies | 980431 | 56,452 | 1Yr |
| Dr A Leach Dr A Yonovitz Dr P Morris Prof J Mathews | Antibiotic treatment for middle ear infections in Aboriginal infants | 980435 | 220,652 | 1Yr |

RESEARCH GRANTS

Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|--|---|----------------|---------------|----------------|
| Prof D Kemp Dr K Trenholme Dr D Gardiner | A Gene Important in Lethal Malaria | 990350 | 200,868 | 2Yrs |
| Dr K Sriprakash Prof D Kemp Dr F Bowden | Improving Diagnostic Testing for Donovanosis | 990758 | 58,894 | 2Yrs |
| Dr K Sriprakash Mr G Myers Dr B Currie | Understanding Burkholderia pseudomallei, the Agent of Melioidosis | 990975 | 65,422 | 2Yrs |

Summary

| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
|--------------------|--------------------|------------------|
| NEW SOUTH WALES | 304 | 23,418,898 |
| VICTORIA | 331 | 26,180,994 |
| QUEENSLAND | 135 | 10,054,300 |
| SOUTH AUSTRALIA | 120 | 9,384,923 |
| WESTERN AUSTRALIA | 88 | 7,339,456 |
| TASMANIA | 12 | 775,511 |
| ACT | 17 | 1,272,829 |
| NORTHERN TERRITORY | 7 | 741,011 |
| <i>Totals:</i> | 1014 | 79,167,922 |

Development Grants

Development Grants—NHMRC supports developmental work on biomedical processes, techniques and procedures, which are close to marketing and commercialisation. Development Grants may be awarded for a number of purposes: for example, to produce a working prototype of a piece of new medical equipment, to explore the production of a chemical compound which has therapeutic potential, or to test the commercial viability of a new diagnostic technique. There must be potential benefits to the Australian community, particularly health and cost benefits for the Australian health care system as a whole. There should also be the commercial potential of export markets. It is expected that researchers have also obtained funding from a significant commercial collaborator to a level at least matching that sought from the NHMRC.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Victoria

University of Melbourne

| | | | | |
|--|---|--------|--------|------|
| Dr R Martin Dr L Peters | Testing a new drug for its potential to improve cancer radiotherapy | 981081 | 82,682 | Nil |
| Dr M Morgan Mr G Adams Prof E Reynolds Dr R Evans | Clinical trial of the anticariogenicity of CPP-ACP | 991501 | 78,403 | 2Yrs |

Summary

| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
|----------------|--------------------|------------------|
| VICTORIA | 2 | 161,085 |
| <i>Totals:</i> | 2 | 161,085 |

Diabetes Collaborative Research Grants

Diabetes Collaborative Research Grants support the integration of multi-disciplinary research teams working collaboratively on the biology of Insulin-Dependent Diabetes Mellitus (IDDM): its causes, diagnosis, complications, treatments, and prevention. Awarded for up to five years, Diabetes Collaborative Research Grants are aimed to stimulate the application of molecular biology, genetics, immunology, cell biology and biophysics to the clinical studies of diabetes. Diabetes Collaborative Research Grants are funded in conjunction with Juvenile Diabetes Foundation Australia and Juvenile Diabetes Foundation International. The NHMRC contributes 40% of the total funding for these projects.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Victoria

Walter and Eliza Hall Institute

| | | | | |
|--|--|--------|---------|------|
| Dr G Morahan Dr P Colman Dr A Baxter A/Pr G Werther | Discovery of Genes causing juvenile diabetes and its complications | 983206 | 188,000 | 3Yrs |
|--|--|--------|---------|------|

Australian Capital Territory

Australian National University

| | | | | |
|---|---|--------|---------|------|
| Prof K Lafferty Dr A Baxter Dr J Wilson Dr D Godfrey Dr C Simeonovic Dr B Charlton Dr I Ramshaw | The regulation of Immunological Pancreatic Islet damage in IDDM | 983208 | 212,000 | 3Yrs |
|---|---|--------|---------|------|

RESEARCH GRANTS
Diabetes Collaborative Research Grants

| Summary | | |
|----------------|--------------------|------------------|
| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
| VICTORIA | 1 | 188,000 |
| ACT | 1 | 212,000 |
| <i>Totals:</i> | 2 | \$400,000 |

Five-Year Extended Project Grants

In accordance with specific eligibility criteria, NHMRC also provides a limited number of Five-Year Project Grants ("Five Year extended grants") to individual (or pairs of) distinguished researchers who have attracted consistent Project Grant support, and who have been assessed as working on a scale which justifies funding in a five-year, rather than a three-year, cycle.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

New South Wales

University of Sydney

| | | | | |
|-----------------------------|---|--------|---------|------|
| Dr R Dampney | Functions of nerve cells in the brain and spinal cord that control blood pressure | 960854 | 142,341 | 1Yr |
| A/Pr R Bandler Dr K Keay | Life-threatening falls in blood pressure after injury | 970688 | 111,586 | 2Yrs |

Queensland

University of Queensland

| | | | | |
|-------------------------------|----------------------------------|--------|---------|-----|
| Prof J Pettigrew Dr M Rosa | Functional circuits of the brain | 961231 | 116,478 | 1Yr |
|-------------------------------|----------------------------------|--------|---------|-----|

South Australia

University of Adelaide

| | | | | |
|--|--|--------|---------|------|
| Prof P Barter Dr M Clay Dr K Rye Dr P Clifton | Anti-atherogenic properties of high density lipoproteins | 970038 | 122,740 | 2Yrs |
|--|--|--------|---------|------|

RESEARCH GRANTS
Five-Year Extended Project Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|------------------------|------------------|-------------------|------------------|-------------------|
|------------------------|------------------|-------------------|------------------|-------------------|

Tasmania

University of Tasmania

| | | | | |
|-------------------------------|--|--------|---------|------|
| Prof M Clark Dr S Rattigan | Maldistribution of blood in muscle: a cause of diabetes | 981520 | 113,253 | 3Yrs |
|-------------------------------|--|--------|---------|------|

Summary

| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
|-----------------|--------------------|------------------|
| NEW SOUTH WALES | 2 | 253,928 |
| QUEENSLAND | 1 | 116,478 |
| SOUTH AUSTRALIA | 1 | 122,740 |
| TASMANIA | 1 | 113,253 |
| <i>Totals:</i> | 5 | 606,399 |

Extended Epidemiology Project Grants

Extended Epidemiology Project Grants are awarded to investigators who have demonstrated the feasibility of a project, and who require support to conduct a five-year, rather than a three-year, epidemiological study.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

New South Wales

University of Newcastle

| | | | | |
|--|--|--------|---------|------|
| Prof R Sanson-Fisher Dr J Perkins Mr S Blunden Mr R Davis | Community based Aboriginal health intervention | 980351 | 329,076 | 3Yrs |
|--|--|--------|---------|------|

South Australia

University of Adelaide

| | | | | |
|--|--|--------|---------|-----|
| Dr C Crowther Dr J Hiller A/Pr L Doyle | Magnesium sulphate for the prevention of mortality and cerebral palsy in preterm infants | 960489 | 136,860 | 1Yr |
|--|--|--------|---------|-----|

Summary

| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
|-----------------|--------------------|------------------|
| NEW SOUTH WALES | 1 | 329,076 |
| SOUTH AUSTRALIA | 1 | 136,860 |
| <i>Totals:</i> | 2 | 465,936 |

Special Initiative Grants

Special Initiative Grants promote research activities in special areas of perceived need as identified by the Council from time to time. Currently funded areas include:

- ◆ Aboriginal and Torres Strait Islander Health and Disease;
- ◆ Alcohol and Substance Abuse;
- ◆ Breast Cancer;
- ◆ Dementia;
- ◆ Dentistry and Dental Services;
- ◆ Injury;
- ◆ Nursing and Allied Health;
- ◆ Prostate Cancer;
- ◆ Public Health; and
- ◆ Schizophrenia.

Applications of merit in any of these areas may be considered individually for Special Initiative Grant support if the Council deems the project to be borderline for Project Grant support.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Aboriginal and Torres Strait Islander Health and Disease

Western Australia – Murdoch University

| | | | | |
|--|---|--------|--------|-----|
| A/Pr D Hampson Prof W Penhale A/Pr T Riley | Is Serpulina Pilosicoli infection a common cause of disease in Australia? | 981504 | 70,386 | 1Yr |
|--|---|--------|--------|-----|

Northern Territory - Menzies School of Health Research

| | | | | |
|-----------------|---|--------|--------|-----|
| Dr K Sriprakash | A streptococcal protein may be associated with kidney disease | 980429 | 56,917 | 1Yr |
|-----------------|---|--------|--------|-----|

RESEARCH GRANTS
Special Initiative Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

| | | | | |
|---|---|--------|--------|-----|
| Mr C Burns Dr B Currie Dr P Maruff Dr P Spillane | Adverse health effects of excessive kava and alcohol use in Aboriginal people | 980434 | 70,103 | 1Yr |
|---|---|--------|--------|-----|

Alcohol and Substance Abuse

New South Wales – University of Newcastle

| | | | | |
|--|---|--------|--------|-----|
| Dr J Wiggers Dr J Bowman Dr E Campbell Ms R Considine | Evaluation of a surveillance and feedback intervention to reduce alcohol-related harm in hotels and clubs | 990732 | 54,648 | 1Yr |
|--|---|--------|--------|-----|

Northern Territory – Menzies School of Health Research

| | | | | |
|-------------|---|--------|--------|-----|
| Dr P D'Abbs | Determinants of sustainability in community-based action to reduce alcohol problems | 991398 | 55,323 | 1Yr |
|-------------|---|--------|--------|-----|

Breast Cancer

New South Wales – University of Sydney

| | | | | |
|---|---------------------------------|--------|--------|-----|
| Prof C Tennant A/Pr R Smith Dr M Kossoff Prof S Dunn | Stress factors in breast cancer | 970756 | 47,717 | Nil |
|---|---------------------------------|--------|--------|-----|

Dentistry and Dental Services

New South Wales – University of Sydney

| | | | | |
|----------------------------|---|--------|--------|-----|
| Dr D Harty Dr N Jacques | How bacterial cell surface enzymes contribute towards disease progression | 970724 | 57,071 | Nil |
|----------------------------|---|--------|--------|-----|

RESEARCH GRANTS
Special Initiative Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Victoria – University of Melbourne

| | | | | |
|--|---|--------|--------|-----|
| Prof E Reynolds Dr N Slakeski Dr T Higgins | Characterisation of a surface structure of a bacterium associated with oral disease | 970285 | 52,867 | Nil |
|--|---|--------|--------|-----|

Injury

Victoria - Monash University

| | | | | |
|------------------------------|--|--------|--------|------|
| Prof U Proske Dr D Morgan | Stimulating muscles at low rates to produce smooth, fatigue-resistant contractions | 990167 | 54,642 | 2Yrs |
|------------------------------|--|--------|--------|------|

Nursing and Allied Health

New South Wales – University of Sydney

| | | | | |
|-------------------------------|--|--------|--------|-----|
| A/Pr M Onslow Dr A Packman | Trials of a new treatment for stuttering | 970664 | 49,293 | Nil |
|-------------------------------|--|--------|--------|-----|

New South Wales – University of Technology, Sydney

| | | | | |
|---|---|--------|--------|-----|
| Prof L Barclay Dr D Lupton Ms V Schmied Dr T Gratton-Smith | A study of the effects of professional language on parenting in level two nurseries | 970970 | 23,572 | Nil |
|---|---|--------|--------|-----|

Queensland – University of Queensland

| | | | | |
|----------------------------------|---|--------|--------|-----|
| Prof B Murdoch Dr D Theodoros | Treatment of disordered speech following traumatic brain injury | 981194 | 54,186 | 1Yr |
|----------------------------------|---|--------|--------|-----|

RESEARCH GRANTS
Special Initiative Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Prostate Cancer

South Australia – Flinders University of South Australia

| | | | | |
|---|--|--------|--------|------|
| Dr D Horsfall Dr W Tilley Prof V Marshall | Investigations of a factor controlling growth and spread of prostate cancer. | 990437 | 61,527 | 2Yrs |
|---|--|--------|--------|------|

Public Health

New South Australia – University of Newcastle

| | | | | |
|--|---|--------|--------|------|
| Dr L Hancock Dr I Kerridge Prof P Ravenscroft Dr J Cavenagh | Euthanasia: the perceptions of patients with cancer and their providers | 980367 | 53,327 | Nil |
| Dr J Cockburn Dr L Hancock Ms R Considine | The effect on smoking prevalence of prohibiting sales of cigarettes to minors | 980388 | 82,873 | Nil |
| Dr J Cockburn Dr J Byles | Improving health outcomes in elderly people by reducing medicines. | 991047 | 82,911 | 2Yrs |

New South Australia – University of Sydney

| | | | | |
|--|--|--------|--------|-----|
| Prof N Talley Prof M Horowitz | Gastrointestinal symptoms and glycaemic control in diabetes mellitus | 980080 | 36,120 | 1Yr |
| Dr G Miller Dr H Britt A/Pr R Bernstein | Does computer aided advice improve test ordering by general practitioners? | 980087 | 39,531 | Nil |
| A/Pr M Thompson Dr G Bennett Dr L Barnsley Mr T Gwinn | Effects of strength training on mobility and activities of daily living after hip fracture | 980094 | 54,521 | 1Yr |

RESEARCH GRANTS
Special Initiative Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

New South Australia – University of Western Sydney

| | | | | |
|-------------------------------|--|--------|--------|-----|
| Mr A Bensoussan Dr S Myers | Research into the toxicity of traditional Chinese medicines and development of a toxicity database for austral | 981976 | 55,538 | 1Yr |
|-------------------------------|--|--------|--------|-----|

Victoria – Monash University

| | | | | |
|--|--|--------|--------|-----|
| Dr J Muir Dr F Macrae Prof K O'Dea | Red meat and colon cancer: can resistant starch and dietary fibre minimise the risk? | 981022 | 75,414 | 1Yr |
|--|--|--------|--------|-----|

University of Melbourne

| | | | | |
|----------------------------------|--|--------|--------|-----|
| A/Pr A Sanson Dr J Toumbourou | Adolescent emotional and behavioural problems: risk and resilience | 990913 | 65,510 | Nil |
|----------------------------------|--|--------|--------|-----|

Queensland – Queensland Institute of medical Research

| | | | | |
|-------------------------|--|--------|--------|-----|
| A/Pr B Kay Dr R Hall | Hosts and mosquito vectors of Ross river and Barmah forest viruses | 981364 | 62,939 | 1Yr |
|-------------------------|--|--------|--------|-----|

South Australia – University of Adelaide

| | | | | |
|--|---|--------|--------|-----|
| Dr M Wakefield Dr A Martin Dr L Roberts A/Pr R Ruffin | Evaluation of a program to change the smoking habits of parents of children with asthma | 980608 | 65,522 | Nil |
|--|---|--------|--------|-----|

South Australia – Flinders University of South Australia

| | | | | |
|---|--|--------|--------|-----|
| Dr T Phan Prof D Silove Mr Z Steel A/Pr A Bauman | Mental distress and service need of the Vietnam-born community | 980067 | 87,765 | Nil |
|---|--|--------|--------|-----|

RESEARCH GRANTS
Special Initiative Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Schizophrenia

New South Wales – University of New South Wales

| | | | | |
|---|--------------------------------------|--------|--------|-----|
| Dr S Catts Dr P Ward A/Pr A Lloyd Prof D Wakefield | Brain cell disorder in schizophrenia | 970860 | 59,582 | Nil |
|---|--------------------------------------|--------|--------|-----|

Victoria – Mental Health Research Institute of Victoria

| | | | | |
|--|---|--------|---------|-----|
| Dr D Velakoulis A/Pr C Pantelis Prof P McGorry | A two year follow-up MRI study of hippocampal changes in schizophrenia | 970598 | 72,243 | Nil |
| A/Pr C Pantelis Dr D Velakoulis Prof P McGorry Dr P Desmond | Brain biochemistry in living patients with schizophrenia using a non-invasive imaging technique (magnetic resonance Spectroscopy) | 981112 | 105,792 | 1Yr |

Summary

| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
|--------------------|--------------------|------------------|
| NEW SOUTH WALES | 13 | 696,704 |
| VICTORIA | 6 | 426,468 |
| QUEENSLAND | 2 | 117,124 |
| SOUTH AUSTRALIA | 3 | 214,813 |
| WESTERN AUSTRALIA | 1 | 70,386 |
| NORTHERN TERRITORY | 3 | 182,343 |
| <i>Totals:</i> | 28 | 1,707,838 |

Priming Grants

Priming Grants are provided to new investigators who have not previously received NHMRC Project Grant support but whose research project merits priming support. Eligible applicants are R Douglas Wright Fellows, new academic staff, and those returning to the work-force who:

- ◆ Are not associated with a Program, Block or Unit grant;
- ◆ Are not named as a Chief Investigator or a Co-Chief Investigator on any previously-supported NHMRC Project Grant application;
- ◆ Have no other Investigator on the application who has received previous NHMRC Project Grant support;
- ◆ Are not seeking their own salary; and
- ◆ Are requesting funding that does not exceed \$50,000pa.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

New South Wales

University of New South Wales

| | | | | |
|-------------------------|--|--------|--------|-----|
| Dr R Clarke Dr M Yip | The search for the cause of bone growth defects affecting the spine and face | 970859 | 54,969 | Nil |
|-------------------------|--|--------|--------|-----|

University of Wollongong

| | | | | |
|-----------------|---|--------|--------|-----|
| Dr X Huang | Neuro-chemical analysis of brain of lean, obese, and diabetic mouse brain | 970810 | 52,903 | Nil |
| A/Pr P McLennan | Fish oil fatty acids in heart failure | 980482 | 44,508 | 1Yr |

RESEARCH GRANTS

Priming Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Victoria

Monash University

| | | | | |
|-------------|--|--------|--------|-----|
| Dr E Morand | Lipocortin 1 and the suppression of inflammatory arthritis | 970477 | 50,801 | Nil |
|-------------|--|--------|--------|-----|

Prince Henry's Institute of Medical Research

| | | | | |
|--------------|--|--------|--------|------|
| Dr S Chadban | Interleukin-10: A new factor causing kidney disease? | 991405 | 46,807 | 2Yrs |
|--------------|--|--------|--------|------|

St. Vincent's Hospital, Melbourne

| | | | | |
|--------------|---|--------|--------|-----|
| Dr D Goodman | Organ transplantation between different species | 970561 | 43,620 | Nil |
|--------------|---|--------|--------|-----|

South Australia

University of Adelaide

| | | | | |
|---------------|--|--------|--------|-----|
| Dr A Focareta | The filamentous haemagglutinin, a virulence factor of Bordetella Pertussis | 970046 | 52,903 | Nil |
|---------------|--|--------|--------|-----|

| | | | | |
|--------------|---|--------|--------|------|
| Dr C Coulter | Adrenal function at birth and in small babies | 990275 | 56,379 | 2Yrs |
|--------------|---|--------|--------|------|

Flinders University of South Australia

| | | | | |
|------------|---|--------|--------|------|
| Dr N Della | Discovery and analysis of genes specific to the retina and its support cells in the eye | 991335 | 57,643 | 2Yrs |
|------------|---|--------|--------|------|

Institute of Medical and Veterinary Science

| | | | | |
|--------------|---|--------|--------|-----|
| Dr D Jackson | The role of platelet endothelial cell adhesion molecule-1 in vascular biology | 981896 | 47,523 | 1Yr |
|--------------|---|--------|--------|-----|

RESEARCH GRANTS

Priming Grants

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---|----------------|---------------|----------------|
| Dr C Bagley | Mechanisms of regulating the growth and function of white blood cells | 991546 | 48,276 | 2Yrs |

Royal Adelaide Hospital

| | | | | |
|--|--|--------|--------|-----|
| Dr D Roos Dr P O'Brien Dr P Hoskin | Pain radiating from cancer deposits in bone - 1 or 5 doses of radiation treatment? | 981871 | 58,875 | 1Yr |
|--|--|--------|--------|-----|

Western Australia

University of Western Australia

| | | | | |
|-------------|---|--------|--------|------|
| Dr P Arthur | Can mammalian cells adapt to a lack of oxygen by shutting down (hibernate)? | 981640 | 48,117 | 1Yr |
| Dr D Knight | Related cytokines can have different roles in asthma | 990580 | 46,514 | 2Yrs |

Australian Capital Territory

The Canberra Hospital

| | | | | |
|------------------------------|--|--------|--------|-----|
| Dr P Pavli Dr J Cavanaugh | Collection of families for studies of the inherited causes of inflammatory bowel disease | 971004 | 59,229 | Nil |
|------------------------------|--|--------|--------|-----|

Northern Territory

Menzies School of Health Research

| | | | | |
|-------------------------------|---|--------|--------|-----|
| Dr N Anstey Dr K Trenholme | Effect of nitric acid on malaria parasites and their ability to cause disease | 980437 | 49,144 | 1Yr |
|-------------------------------|---|--------|--------|-----|

RESEARCH GRANTS
Priming Grants

Summary

| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
|-----------------------|--------------------|------------------|
| NEW SOUTH WALES | 3 | 152,380 |
| VICTORIA | 3 | 141,228 |
| SOUTH AUSTRALIA | 6 | 321,599 |
| WESTERN AUSTRALIA | 2 | 94,631 |
| ACT | 1 | 59,229 |
| NORTHERN TERRITORY | 1 | 49,144 |
| <i>Totals:</i> | 16 | 818,211 |

Bridging Support

Bridging Support may be provided if a research project application is ranked as borderline for funding, and if among its personnel there is a Senior Research Officer (SRO) who is currently employed on an NHMRC grant and who has been supported continuously on NHMRC grants for at least four years. Awarded for one year, Bridging Support provides an SRO salary along with minimum maintenance.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Victoria

Monash University

| | | | | |
|--|--|--------|--------|-----|
| Dr P Berger Dr I Cooke | Development of the ability to breathe. | 990177 | 73,356 | Nil |
| A/Pr F Rosenfeldt Dr S Pepe Dr J Smith | Senescent human myocardium | 991359 | 84,389 | Nil |

South Australia

University of Adelaide

| | | | | |
|-------------|--|--------|--------|-----|
| Dr K Turker | Reflex control of bite force. | 990052 | 65,940 | Nil |
| Dr P Ey | Protective 'coat' proteins of an intestinal parasite | 991072 | 73,356 | Nil |

Summary

| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
|-----------------|--------------------|------------------|
| VICTORIA | 2 | 157,745 |
| SOUTH AUSTRALIA | 2 | 139,296 |
| <i>Totals:</i> | 4 | 297,041 |

Special Investigations

Special Investigations grants are offered for urgently needed research for which the usual project grant process would not provide a sufficiently rapid response.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Victoria

Baker Medical Research Institute

| | | | | |
|-----------|---|--------|-------|------|
| Dr C Reid | The Second Australian National Blood Pressure Study - Independent Data Monitoring Committee | 971481 | 9,216 | 2Yrs |
|-----------|---|--------|-------|------|

South Australia

Nunkawarrin Yunti of South Australia Inc, Adelaide

| | | | | |
|--|---|--------|--------|-----|
| Dr B Sibthorpe Ms M Brady Dr R Bailie Prof W Hall | A trial of a brief intervention for hazardous alcohol use | 974507 | 34,391 | Nil |
|--|---|--------|--------|-----|

Summary

| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
|-----------------|--------------------|------------------|
| VICTORIA | 1 | 9,216 |
| SOUTH AUSTRALIA | 1 | 34,391 |
| <i>Totals:</i> | 2 | 43,607 |

National Investigations

National Investigation Grants support a range of projects which the NHMRC has assessed are of importance to the maintenance of health and medical research activities in Australia.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Victoria

University of Melbourne

| | | | | |
|---------------|--------------------------------|--------|---------|------|
| A/Pr J Hopper | Australian NHMRC Twin Registry | 980993 | 139,902 | 3Yrs |
|---------------|--------------------------------|--------|---------|------|

South Australia

Adelaide Medical Centre for Women and Children

| | | | | |
|-------------------|--|--------|--------|-----|
| Prof G Sutherland | Human Genome Organisation contribution | 942802 | 51,714 | Nil |
|-------------------|--|--------|--------|-----|

Summary

| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
|-----------------|--------------------|------------------|
| VICTORIA | 1 | 139,902 |
| SOUTH AUSTRALIA | 1 | 51,714 |
| <i>Totals:</i> | 2 | 191,616 |

Commonwealth AIDS and Related Diseases Research Grants Projects

NHMRC provides Commonwealth AIDS and Related Diseases Research Grants for researchers in the area of HIV/AIDS, Hepatitis-C and sexually-transmitted diseases which may be Co-factors in the transmission of HIV/AIDS, and whose prevention strategies suggest a clear and direct overlap with prevention strategies for HIV/AIDS.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

New South Wales

Australian Red Cross Blood Service, NSW

| | | | | |
|--|---|--------|--------|------|
| Dr J Learmont Dr J Sullivan Dr N Saksena | Role of viral and host genetics in longterm non-progressors infected with NEF deleted HIV - 1 | 990459 | 52,241 | Nil |
| Dr J Sullivan Dr A Geczy Mr W Dyer Dr C Workman | Effect of therapy on the immune response to HIV. | 991531 | 64,575 | 2Yrs |

Royal Prince Alfred Hospital

| | | | | |
|---------------------------|-------------------------------|--------|---------|------|
| Dr C Rissel Dr A Smith | National sexual health survey | 990617 | 217,709 | 2Yrs |
|---------------------------|-------------------------------|--------|---------|------|

University of New South Wales

| | | | | |
|--|---|--------|--------|-----|
| Prof B Brew Prof A Cunningham A/Pr P Armati | A marker for the presence and subsequent development of AIDS dementia | 970883 | 60,006 | Nil |
| Prof B Brew Dr M Fulham Dr R Garsia Dr J Currie | Understanding the mechanisms of AIDS related dementia | 970884 | 61,274 | Nil |

RESEARCH GRANTS

Commonwealth AIDS & Related Diseases Research Grants

Projects

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|--|---|----------------|---------------|----------------|
| Dr R French A/Pr J Ziegler Ms N Newcombe Dr D Dwyer Prof P Phanuphak | Factors that affect transmission of HIV from mother to baby | 990083 | 74,407 | 1Yr |
| Prof B Brew A/Pr P Armati | Inhibiting production of brain toxins in the AIDS dementia complex. | 990559 | 63,231 | 2Yrs |
| A/Pr W Rawlinson Mr P Cunningham | How is human herpes virus 8 transmitted and how is infection related to the development of disease? | 991431 | 55,397 | 2Yrs |

University of Sydney

| | | | | |
|---|--|--------|--------|------|
| Mr R West Prof Y Cossart A/Pr W Selby | Evaluation of Infection Control Measures | 991538 | 84,841 | 2Yrs |
|---|--|--------|--------|------|

University of Wollongong

| | | | | |
|---|---|--------|---------|------|
| Dr R Jayasuriya Dr L Maher Mr T Sladden Dr K Chant | Study of Risk Behaviour in Injecting Drug Users for transmission of Hepatitis C | 991357 | 142,818 | 2Yrs |
|---|---|--------|---------|------|

Westmead Hospital

| | | | | |
|---|--|--------|--------|-----|
| A/Pr G Stewart Dr B Bennetts Prof B Brew Dr J Gold A/Pr L Burnett | Genetic control of susceptibility to, and clinical features of, HIV infection | 980412 | 56,636 | 1Yr |
| Dr N Saksena Dr J Learmont Dr J Sullivan Prof A Cunningham | Role of viral and host genetics in long-term non-progression for HIV infection | 980415 | 58,643 | 1Yr |

RESEARCH GRANTS
Commonwealth AIDS & Related Diseases Research Grants
Projects

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|--|--|----------------|---------------|----------------|
| A/Pr G Stewart Dr R French Prof A Cunningham | The effect of chemokine Co-receptor usage on the immunopathogenesis of HIV infection | 980417 | 83,141 | 1Yr |
| Dr N Saksena Prof B Brew | AIDS dementia complex and HIV | 991362 | 51,832 | 2Yrs |
| A/Pr G Stewart Dr P Williamson | Inherited factors and intracellular mechanisms in control of the cellular Co-receptor for HIV infection. | 991545 | 89,238 | 2Yrs |

Victoria

La Trobe University

| | | | | |
|------------------------------|---|--------|--------|-----|
| Dr G Dowsett Mr D McInnes | HIV/AIDS and Public Health Community-based Health Promotion | 990475 | 89,751 | 1Yr |
|------------------------------|---|--------|--------|-----|

Macfarlane Burnet Centre for Medical Research

| | | | | |
|-------------------------------|--|--------|---------|------|
| Dr D Purcell | Molecular control of HIV-1 replication | 970558 | 133,465 | Nil |
| Dr S Sonza | Importance of Monocytes and Macrophages in HIV Infection | 990772 | 70,913 | 2Yrs |
| Dr C Aitken Ms C Delalande | Hepatitis C and HIV among steroid injectors in Victoria | 991248 | 54,370 | Nil |

Monash University

| | | | | |
|---|---|--------|---------|-----|
| Dr C Fairley Dr F Bowden Dr S Tabrizi Dr S Garland | Most effective method for controlling sexually transmitted diseases in Northern Australia | 980919 | 179,153 | 1Yr |
| Dr C Fairley Dr M Hellard Dr G Dore | Risk factors leading to cryptosporidiosis in people with HIV | 980920 | 40,775 | Nil |

RESEARCH GRANTS

Commonwealth AIDS & Related Diseases Research Grants

Projects

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

St. Vincent's Institute of Medical Research

| | | | | |
|---|--------------------------------------|--------|---------|------|
| Dr P Poumbourios Prof B Kemp | How does the AIDS virus infect cells | 981177 | 65,159 | 1Yr |
| Dr P Poumbourios Prof B Kemp Ms H Drummer | How viruses infect cells | 991153 | 198,391 | 2Yrs |

University of Melbourne

| | | | | |
|--|--|--------|---------|------|
| Dr J Fitzgerald Prof K Dovey Prof T Threadgold Dr S James | The relationships between injecting drug use, space, HIV/AIDS, and drug-related harm | 980743 | 117,449 | Nil |
| Dr P Cameron Dr D Purcell | Mechanisms for improving DNA vaccination | 991132 | 59,841 | 2Yrs |
| Dr P Cameron Dr G Stent Dr K Shortman Dr S Vandenabeele | HIV-1 infection of cells that allow HIV-1 to escape immunity | 991133 | 64,575 | 2Yrs |
| Dr P Cameron | Viral selection and pathways for HIV-1 infection | 991482 | 56,465 | 2Yrs |

Walter and Eliza Hall Institute

| | | | | |
|-----------------|--|--------|--------|-----|
| Dr S Gerondakis | Host cell proteins that control viral and cellular gene expression | 971274 | 61,683 | Nil |
| Dr S Gerondakis | Host cell proteins that control viral gene expression | 980823 | 51,936 | 1Yr |

Queensland

Queensland Institute of Medical Research

| | | | | |
|---|---|--------|--------|-----|
| Dr A Suhrbier Dr I Ramshaw Dr S Elliott | An HIV vaccine based on activating killer white blood cells | 981340 | 95,931 | 1Yr |
|---|---|--------|--------|-----|

RESEARCH GRANTS

Commonwealth AIDS & Related Diseases Research Grants

Projects

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

University of Queensland

| | | | | |
|----------------------------|---|--------|--------|------|
| Dr J Zhou Dr G Leggatt | Production of a vaccine to prevent both HIV and HPV infection | 991146 | 58,151 | 2Yrs |
| Dr D Fairlie Dr C Birch | HIV and Resistance | 991293 | 61,527 | 1Yr |

South Australia

Flinders University of South Australia

| | | | | |
|--|--|--------|--------|------|
| Dr S Wesselingh Prof J Glass | The cause of dementia in AIDS patients | 970022 | 56,055 | Nil |
| Dr S Wesselingh Prof J Glass Prof B Brew | The role of astrocytes in the development of dementia in AIDS patients | 990227 | 61,199 | 2Yrs |
| Dr M Brisco Prof A Morley | The immune system in ageing and AIDS | 991099 | 56,718 | 2Yrs |

Institute of Medical and Veterinary Science

| | | | | |
|----------------------------------|---|--------|--------|-----|
| Dr P Li Dr J Carr (nee Simes) | Safer modified gene delivery systems for treatment of HIV | 970194 | 54,128 | Nil |
|----------------------------------|---|--------|--------|-----|

Western Australia

University of Western Australia

| | | | | |
|--|---|--------|--------|------|
| Dr R Minchin | Gene delivery to HIV infected cells | 970165 | 63,158 | Nil |
| Dr M Watson Dr M Beilharz | Finding out how AIDS causes disease | 990054 | 67,173 | 2Yrs |
| Dr P Price A/Pr M French Dr M John Dr J Flexman | Studies of HIV patients treated with anti-retroviral drugs. | 990534 | 48,590 | 2Yrs |

RESEARCH GRANTS

Commonwealth AIDS & Related Diseases Research Grants

Projects

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Tasmania

University of Tasmania

| | | | | |
|-----------|---|--------|--------|-----|
| Dr D Ezzy | The influence of doctors, newsletters, and friends on people living with HIV/AIDS | 990621 | 19,898 | 1Yr |
|-----------|---|--------|--------|-----|

Australian Capital Territory

Australian National University

| | | | | |
|--------------|--|--------|---------|-----|
| Dr M Shannon | How a viral protein affects the expression of cellular genes | 970216 | 101,949 | Nil |
| Dr M Shannon | How cell death induced by HIV infection can be blocked | 981893 | 80,669 | 1Yr |

Summary

| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
|-------------------|--------------------|------------------|
| NEW SOUTH WALES | 15 | 1,215,990 |
| VICTORIA | 14 | 1,243,925 |
| QUEENSLAND | 3 | 215,608 |
| SOUTH AUSTRALIA | 4 | 228,100 |
| WESTERN AUSTRALIA | 3 | 178,921 |
| TASMANIA | 1 | 19,898 |
| ACT | 2 | 182,618 |
| <i>Totals:</i> | 42 | 3,285,060 |

Centres of Clinical Excellence Grants

In 1996, in recognition of the importance of maintaining and developing clinical research in hospitals and other health-care delivery units, the Government provided funding for a program to develop and support centres of clinical excellence in hospital-based research.

The aims of the program are to:

- ◆ foster clinical research and the training of clinical researchers,
- ◆ support innovative clinical research, including research with potential to translate into successful clinical treatments, and
- ◆ ensure effective translation of biomedical research into clinical practice.

Nine centres were awarded three year grants in 1997.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

New South Wales

Royal North Shore Hospital

| | | | | |
|----------------|--|--------|---------|-----|
| Prof M Cousins | Pain Relief for the Living and for the Dying | 973726 | 180,000 | Nil |
|----------------|--|--------|---------|-----|

Royal Prince Alfred Hospital

| | | | | |
|---------------|--|--------|---------|-----|
| Dr G Halmagyi | Proposal for CCE: Development and evaluation of a test battery for the clinical measure of vestibular function | 973742 | 200,000 | Nil |
|---------------|--|--------|---------|-----|

University of Sydney

| | | | | |
|----------------|---|--------|---------|-----|
| Dr C Mountford | Clinical Training Fellowships in Magnetic Resonance | 973769 | 200,000 | Nil |
|----------------|---|--------|---------|-----|

RESEARCH GRANTS
Centres of Clinical Excellence

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

University of Technology, Sydney

| | | | | |
|----------------|---|--------|---------|-----|
| Prof L Barclay | A new collaborative centre which involves the Division of Obstetrics, Gynaecology and Paediatrics | 973701 | 120,000 | Nil |
|----------------|---|--------|---------|-----|

Victoria

Austin Hospital Medical Research Foundation

| | | | | |
|---------------|--|--------|---------|-----|
| Prof G Donnan | Clinical Neuro-sciences: Epilepsy and Stroke | 973734 | 200,000 | Nil |
|---------------|--|--------|---------|-----|

Alfred Hospital, Vic

| | | | | |
|-----------------|---|--------|---------|-----|
| Prof G Jennings | Cardiovascular Research Applications to Clinical Practice | 973753 | 200,000 | Nil |
|-----------------|---|--------|---------|-----|

South Australia

Flinders University of South Australia

| | | | | |
|-----------------|--|--------|---------|-----|
| A/Pr D Brewster | Darwin Centre for Clinical Excellence in Aboriginal Health | 973710 | 120,000 | Nil |
| Prof V Marshall | Clinical Research and Training Program in Urology | 973759 | 200,000 | Nil |

Western Australia

University of Western Australia

| | | | | |
|---------------|---|--------|---------|-----|
| A/Pr I Puddey | Studies of Arterial Wall Function, Lipoprotein Metabolism and Cardiovascular Risk | 973778 | 200,000 | Nil |
|---------------|---|--------|---------|-----|

RESEARCH GRANTS
Centres of Clinical Excellence

Summary

| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
|-------------------|--------------------|------------------|
| NEW SOUTH WALES | 4 | 700,000 |
| VICTORIA | 2 | 400,000 |
| SOUTH AUSTRALIA | 2 | 320,000 |
| WESTERN AUSTRALIA | 1 | 200,000 |
| <i>Totals:</i> | 9 | 1,620,000 |

Radiofrequency Electromagnetic Energy Research

In October 1996, in recognition of public concern about possible adverse effects from long term exposure to Radiofrequency (RF) Electromagnetic Energy (EME), the Government announced funding of \$4.5 million over five years for research and public information on possible health issues associated with mobile phones and related devices and equipment.

Four projects were funded in late 1998. Two of the grants are to conduct pilot projects. Following evaluation of the pilot projects the committee will reconsider funding of the full projects. A figure of around \$1.18 million has been set aside to possibly fund these full proposals.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

New South Wales

Cancer Control Information Centre, New South Wales

| | | | | |
|------------------|---|--------|--------|-----|
| Prof B Armstrong | A Case-control study of brain and other tumours in adults and exposure to radiofrequency electromagnetic energy in the use of mobile phones | 983702 | 64,167 | TBA |
|------------------|---|--------|--------|-----|

Victoria

Swinburne University of Technology, Victoria

| | | | | |
|-------------|--|--------|--------|-----|
| Dr C Stough | The effect of 900 MHz RF radiation on human neuropsychological responses | 983718 | 20,000 | Nil |
|-------------|--|--------|--------|-----|

RESEARCH GRANTS

Radiofrequency Electromagnetic Energy Research

| Chief Investigators | Project Title | Reg Key Number | 1998 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

South Australia**Flinders University of South Australia**

| | | | | |
|------------|--|--------|--------|-----|
| Dr P Sykes | Effect of radiofrequency exposure on intrachromosomal recombination in mutation and cancer | 983719 | 54,137 | TBA |
|------------|--|--------|--------|-----|

University of Adelaide, South Australia

| | | | | |
|-----------------------|---|--------|---------|--|
| Prof B Vernon-Roberts | Effects of GSM-like fields on tumour incidence in <i>Eu-pim-1</i> mutant mice | 983722 | 288,000 | |
|-----------------------|---|--------|---------|--|

Summary

| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
|-----------------|--------------------|------------------|
| NEW SOUTH WALES | 1 | 64,167 |
| VICTORIA | 1 | 20,00 |
| SOUTH AUSTRALIA | 2 | 342,137 |
| <i>Totals:</i> | 4 | 406,324 |

SECTION 2

RESEARCH FELLOWSHIP AWARDS

The NHMRC awarded the following types of Research Fellowships and related awards for individual researchers for 1999:

- ◆ Research Fellowship Project Grants
- ◆ R Douglas Wright Awards, and
- ◆ Burnet Fellowships

Research Fellowship Project Grants

NHMRC recognises the importance of providing salary stability for high-calibre investigators who wish to make a career in health and medical research. The long-established Research Fellowship Scheme provides this for established researchers, while the R Douglas Wright Award caters to those investigators who are just establishing their research careers.

NHMRC provides full-time Research Fellowship appointments which offer five years salary for high-calibre researchers. The following levels of appointment (along with their corresponding academic level) are supported:

- ◆ Senior Principal Research Fellow (Professor);
- ◆ Principal Research Fellow (Reader or Associate Professor);
- ◆ Senior Research Fellow (Senior Lecturer); and
- ◆ Research Fellow (Lecturer).

Within the Research Fellowship scheme, appointments, renewal of appointments and promotions are subject to successful application for grant funding. The following list identifies NHMRC Fellows who were appointed, reappointed or promoted for 1998 and hold Project Grants in conjunction with their Fellowships (listed in Section 1).

| Name | Reg Key Number | Institution | Level of Appointment |
|------|----------------|-------------|----------------------|
|------|----------------|-------------|----------------------|

Initial Appointments

| | | | |
|-----------------|--------|---|--------------------------------------|
| Dr M McConville | 990269 | University of Melbourne | Principal Research Fellow Level 2 |
| Dr M Smyth | 990127 | Austin Research Institute | Principal Research Fellow Level 2 |
| Dr J Keast | 990034 | University of Queensland | Senior Research Fellow Level 4 |
| Dr V Macefield | 963206 | Prince of Wales Medical Research Institute | Research Fellow Level 3 |
| Dr R Daly | 933050 | Garvan Institute of Medical Research | Senior Research Fellow Level 3 |

RESEARCH FELLOWSHIP AWARDS
Research Fellowship Project Grants

| Name | Reg Key Number | Institution | Level of Appointment |
|--------------|----------------|--|--------------------------------|
| Dr A Scalzo | 990646 | University of Western Australia | Research Fellow Level 3 |
| Dr S Jackson | 991040 | Monash University | Research Fellow Level 2 |
| Dr M Rosa | 990007 | University of Queensland | Research Fellow Level 2 |
| Dr P Sexton | 990024 | University of Melbourne | Research Fellow Level 3 |
| Dr D Brooks | 963212 | Women's and Children's Hospital, Adelaide | Senior Research Fellow Level 1 |
| Dr J Taylor | 963206 | Prince of Wales Medical Research Institute | Research Fellow Level 3 |

Promotions

| | | | |
|----------------------|--------|--|-----------------------------------|
| Dr A Gero | 991077 | University of New South Wales | Principal Research Fellow Level 1 |
| Dr M Gillespie | 963211 | University of Melbourne | Senior Research Fellow Level 3 |
| Dr G Chenevix-Trench | 983002 | Queensland Institute of Medical Research | Senior Research Fellow Level 1 |
| Dr J Trapani | 991456 | Austin Research Institute | Principal Research Fellow Level 3 |
| Dr M Murphy | 990451 | University on Melbourne | Senior Research Fellow Level 1 |
| Dr P Hertzog | 991549 | Monash University | Principal Research Fellow Level 1 |
| Dr W Langdon | 990035 | University of Western Australia | Principal Research Fellow Level 1 |
| Dr C Chen | 990385 | Prince Henry's Institute of Medical research | Senior Research Fellow Level 1 |

RESEARCH FELLOWSHIP AWARDS
Research Fellowship Project Grants

| Name | Reg Key Number | Institution | Level of Appointment |
|------|-------------------|-------------|----------------------|
|------|-------------------|-------------|----------------------|

Promotions to SPRF

| | | | |
|---------------|--------|---------------------------|----------------------------------|
| Prof J Black | 990232 | University of Sydney | Senior Principal Research Fellow |
| Prof J Hopper | 991129 | University of Melbourne | Senior Principal Research Fellow |
| Dr M Hogarth | 993215 | Austin Research Institute | Senior Principal Research Fellow |
| Dr M Sandrin | 993215 | Austin Research Institute | Senior Principal Research Fellow |

Reappointments

| | | | |
|----------------|--------|---------------------------|--------------------------------------|
| Prof R Harding | 990080 | Monash University | Senior Principal Research Fellow |
| Dr B Loveland | 993215 | Austin Research Institute | Senior Research Fellow Level 4 |
| Dr A Gundlach | 990761 | University of Melbourne | Senior Research Fellow Level 6 |
| Dr J Wanstall | 990093 | University of Queensland | Senior Research Fellow Level 6 |
| Dr G Lamb | 991496 | Latrobe University | Principal Research Fellow Level 4 |

1 Year Grant-In-Aid

| | | | |
|-------------|--------|---------------------|-----------------------------------|
| Dr K Turker | 990052 | Adelaide University | Research Fellow Level 3 |
| Dr P Ey | 991072 | Adelaide University | Senior Research Fellow Level 6 |

RESEARCH FELLOWSHIP AWARDS
Research Fellowship Project Grants

| Name | Reg Key Number | Institution | Level of Appointment |
|---------------------|-------------------|-------------------|--------------------------------------|
| Dr P Berger | 990177 | Monash University | Senior Research Fellow Level 6 |
| A/Prof F Rosenfeldt | 991359 | Monash University | Principal Research Fellow Level 4 |

R Douglas Wright Awards

Named after the renowned physiologist Professor Sir R Douglas Wright, the R Douglas Wright Awards provide support for researchers usually with at least three years' postdoctoral experience who have demonstrated exceptional promise for a career in biomedical or clinical research. Success is based on evidence of researchers' abilities to achieve output of high quality, often in more than one environment. Or, if researchers have a long association with one research group, they need to demonstrate new developments of significant independence. Awarded for four years, an R Douglas Wright Award provides a salary in the Senior Research Officer (SRO) range along with a maintenance allowance.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

New South Wales

Centenary Institute of Cancer Medicine and Cell Biology

| | | | | |
|-------------|--|--------|--------|-----|
| Dr A Baxter | The immuno-genetics of auto-immune disease | 977702 | 70,966 | 1Yr |
|-------------|--|--------|--------|-----|

University of New South Wales

| | | | | |
|----------------|---|--------|--------|-----|
| Dr L Kachigian | Regulation of PDGF gene expression by Egr-1 in normal and pathologic settings | 977722 | 65,531 | 1Yr |
|----------------|---|--------|--------|-----|

University of Sydney

| | | | | |
|---------------|--|--------|--------|------|
| Dr C Thompson | Exercise training and insulin resistance: non invasive clinical metabolic examination <i>In Vivo</i> | 987755 | 80,306 | 2Yrs |
| Dr C Vaughan | Cellular mechanisms of Opioid physical dependence | 997738 | 63,881 | 3Yrs |

RESEARCH FELLOWSHIP AWARDS

R Douglas Wright Awards

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Victoria

Austin Research Institute

| | | | | |
|----------------|---|--------|--------|------|
| Dr R Johnstone | Characterisation of the molecular and biological functions of the interferon-inducible nucleoprotein, IFI16 | 997718 | 61,933 | 3Yrs |
|----------------|---|--------|--------|------|

Monash University

| | | | | |
|---------------|--|--------|--------|------|
| Dr R Evans | Renal anti-hypertensive mechanisms | 977713 | 71,344 | 1Yr |
| Dr A Lawrence | Neuro-chemical characterisation of pontine medullary pathways and cardiovascular control | 987733 | 69,172 | 2Yrs |

St. Vincent's Institute of Medical Research

| | | | | |
|-----------------|---|--------|--------|------|
| Dr J Heierhorst | Molecular mechanisms of signalling by S100 CA2-binding proteins | 987720 | 60,831 | 2Yrs |
|-----------------|---|--------|--------|------|

University of Melbourne

| | | | | |
|--------------|--|--------|--------|------|
| Dr G Lynch | Mechanism of contraction-induced injury to dystrophic skeletal muscle | 997724 | 61,933 | 3Yrs |
| Dr S Nilsson | The role of the hemopoietic microenvironment in normal blood cell production | 997727 | 61,933 | 3Yrs |

Queensland

University of Queensland

| | | | | |
|--------------|--|--------|--------|------|
| Dr C Wicking | Molecular mechanisms of tumourigenesis: structure and function of the human patched gene | 987762 | 63,384 | 2Yrs |
|--------------|--|--------|--------|------|

RESEARCH FELLOWSHIP AWARDS

R Douglas Wright Awards

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---|----------------|---------------|----------------|
| Dr A Yap | Morphogenetic mechanisms of Cadherin adhesion molecules | 997742 | 61,933 | 3Yrs |

South Australia

University of Adelaide

| | | | | |
|----------------|---|--------|--------|------|
| Dr S Robertson | Cytokine-leucocyte networks in early mammalian pregnancy | 977745 | 65,531 | 1Yr |
| Dr S Waterman | Physiology and pathophysiology of autonomic neuro-transmitter release | 987761 | 63,384 | 2Yrs |
| Dr T Cox | X-linked human developmental disorders: gene characterisation and disease modelling | 997706 | 61,933 | 3Yrs |

Tasmania

University of Tasmania

| | | | | |
|--------------|---|--------|--------|-----|
| Dr J Vickers | Selective neuronal vulnerability and cellular changes associated with Alzheimer's disease | 967749 | 61,811 | Nil |
|--------------|---|--------|--------|-----|

Summary

| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
|-----------------|--------------------|------------------|
| NEW SOUTH WALES | 4 | 280,684 |
| VICTORIA | 6 | 387,146 |
| QUEENSLAND | 2 | 125,317 |
| SOUTH AUSTRALIA | 3 | 190,848 |
| TASMANIA | 1 | 61,811 |
| <i>Totals:</i> | 16 | 1,045,806 |

Burnet Fellowships

Named after the eminent Australian medical scientist and Nobel Laureate, the late Sir Macfarlane Burnet, the Burnet Fellowship scheme is intended to attract back to Australia medical researchers of a high calibre who have spent at least seven years overseas, and who have not returned to Australia because of a lack of suitable research opportunities. Awarded for five years, a Burnet Fellowship provides a Senior Investigator's salary along with a setting-up grant.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Western Australia

University of Western Australia

| | | | | |
|-----------------|--|--------|---------|------|
| Prof B Marshall | A centre for <i>Helicobacter Pylori</i> research | 983601 | 260,274 | 3Yrs |
|-----------------|--|--------|---------|------|

Summary

| State | Grant Count | Amount \$ |
|-------------------|-------------|-----------|
| WESTERN AUSTRALIA | 1 | 260,274 |
| <i>Totals:</i> | 1 | 260,274 |

SECTION 3

TRAINING AWARDS

In 1999 the NHMRC issued the following Training Awards in three broad categories:

- ◆ Overseas Postdoctoral Fellowships
 - ◇ C J Martin Fellowships
 - ◇ Neil Hamilton Fairley Fellowships
 - ◇ Public Health (Overseas) Fellowships
 - ◇ Commonwealth AIDS and Related Diseases Overseas Fellowships
 - ◇ INSERM Fellowships
- ◆ Australian Postdoctoral Fellowships
 - ◇ Peter Doherty Fellowships
 - ◇ Australian Applied Health Sciences Fellowships
 - ◇ Public Health Fellowships
 - ◇ Commonwealth AIDS and Related Diseases Fellowships
 - ◇ Howard Florey Centenary Fellowships
- ◆ Graduate and Undergraduate Scholarships
 - ◇ Gustav Nossal Scholarship
 - ◇ Medical Postgraduate Research Scholarships
 - ◇ Dental Postgraduate Research Scholarships
 - ◇ Dora Lush (Biomedical) Postgraduate Research Scholarships
 - ◇ Public Health Postgraduate Scholarships
 - ◇ Postgraduate Scholarships for Breast Cancer Research
 - ◇ Aboriginal Health Research Training Scholarships
- ◆ Commonwealth AIDS and Related Diseases Scholarships
- ◆ Public Health Travelling Fellowships

C J Martin Fellowships

Named after the renowned physiologist and researcher Professor Sir Charles Martin, C J Martin Fellowships encourage researchers of outstanding ability to make a career of medical research, to provide a vehicle for training in basic and/or clinical research within the biomedical sciences both overseas and in Australia, and to enable researchers to work on projects under nominated supervisors. Eligible applicants hold a doctoral degree in a health-related field of research or have submitted a doctoral thesis by December of the year of application—in which case the Fellowship commences when written confirmation has been received that the thesis has been passed. C J Martin Fellowships are awarded for four years of which the first two years are spent overseas, followed by two years in Australia.

The R G Menzies Fellowship was offered for the first time in 1997. This fellowship is awarded to the first-ranked applicant for any NHMRC overseas fellowship whose chosen place of study is the UK and who shows leadership ability, ability to contribute to the life of a British University and interest in the service of others. The Menzies Foundation provides extra financial support to the successful fellowship holder.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

R G Menzies Fellowships

Victoria

Monash University

| | | | | |
|---------------|--|--------|--------|------|
| Dr K Anderson | Identification of novel transducing elements in neutrophil phosphoinositide signalling | 977302 | 70,161 | 3Yrs |
|---------------|--|--------|--------|------|

Walter and Eliza Hall Institute

| | | | | |
|---------------|--|--------|--------|------|
| Dr R Anderson | The role of HLA DRBI*0103 and endogenous Immunoadjuvantin ulcerative | 987001 | 78,250 | 3Yrs |
|---------------|--|--------|--------|------|

TRAINING AWARDS – OVERSEAS POSTDOCTORAL FELLOWSHIPS

C J Martin Fellowships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

C J Martin Fellowships

NEW SOUTH WALES

Garvan Institute of Medical Research

| | | | | |
|-------------|--|--------|--------|-----|
| Dr B Vissel | Effects of altered calcium flux through mutated glutamate receptors in transgenic mice | 947344 | 52,982 | 1Yr |
|-------------|--|--------|--------|-----|

Macquarie University

| | | | | |
|--------------|---|--------|--------|------|
| Dr G Recchia | Roles of site-specific recombination in bacterial chromosome separation and drug resistance | 977362 | 16,679 | 2Yrs |
|--------------|---|--------|--------|------|

Royal North Shore Hospital

| | | | | |
|------------|---|--------|--------|------|
| Dr S Twigg | Growth factors regulating C-Cell hyperplasia and medullary thyroid cancer | 997070 | 69,789 | 3Yrs |
|------------|---|--------|--------|------|

University of Newcastle

| | | | | |
|------------|--|--------|--------|-----|
| Dr R Bates | Identifying factors which modulate apoptosis induced by loss of adhesion | 967302 | 53,719 | 1Yr |
|------------|--|--------|--------|-----|

University of New South Wales

| | | | | |
|--------------|--|--------|--------|------|
| Dr K Double | What is the role of iron in the aetiology of Parkinson's disease? | 967311 | 53,719 | 1Yr |
| Dr B Cowell | Role of an invasion inhibitor in virulence of pseudomonas aeruginosa | 997040 | 75,771 | 3Yrs |
| Dr M Kiernan | Kinetics of persistent sodium channels in rat nerve and their behaviour in human axons | 997049 | 77,368 | 3Yrs |

TRAINING AWARDS – OVERSEAS POSTDOCTORAL FELLOWSHIPS

C J Martin Fellowships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

University of Sydney

| | | | | |
|-----------------|---|--------|--------|------|
| Dr S O'Donoghue | The structure & function of medically significant proteins studied by molecular dynamic | 937325 | 9,724 | Nil |
| Dr M Day | Regulation of intracellular calcium in early embryos | 957310 | 18,561 | Nil |
| Dr I Paulsen | Structure-function relationships for transmembrane transport proteins | 957341 | 37,778 | Nil |
| Dr N Williams | Biogenesis of the quinone cofactor of copper amine oxidases. | 957359 | 51,524 | Nil |
| Dr F Junius | The molecular structure and function of the human and rat brain serotonin transporters | 967328 | 53,719 | 1Yr |
| Dr A Ammit | The role of Ras in the proliferation of human airway smooth muscle in asthma | 977301 | 61,125 | 2Yrs |
| Dr C Balnave | Effect of phi on Ca ² sparks Abd Ca ² overload during simulated reperfusion of myocytes | 977306 | 7,678 | 2Yrs |
| Dr J Graham | Mutant and variant progesterone receptors in breast cancer | 977326 | 5,206 | 2Yrs |
| Mr D Garrick | Investigation of the role of the ATRX gene in normal mammalian development | 987013 | 67,665 | 3Yrs |
| Mr A Dingley | The molecular structure and function of the Hepatitis delta virus ribozyme | 987074 | 69,025 | 3Yrs |
| Mr P Mulquiney | Energetics ant catons in myocardial ischaemic injury | 997054 | 67,139 | 3Yrs |

TRAINING AWARDS – OVERSEAS POSTDOCTORAL FELLOWSHIPS

C J Martin Fellowships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|--|----------------|---------------|----------------|
| Dr B Zhang | Alcohol and liver regeneration : role of intracellular calcium signalling | 997074 | 75,771 | 3Yrs |

Victoria

Austin Research Institute

| | | | | |
|---------------------|--|--------|--------|------|
| Dr M Kershaw | Redirection of immune cells against tumour vasculature | 987021 | 67,161 | 3Yrs |
| Dr V Apostolopoulos | Induction of CD4 and CD8 effector cells for tumour immunotherapy | 987071 | 66,777 | 3Yrs |

Biomolecular Research Institute

| | | | | |
|------------|--|--------|--------|-----|
| Dr R Malby | Recognition of immunoglobulin and viral proteins by integrin receptors | 967335 | 53,719 | 1Yr |
|------------|--|--------|--------|-----|

Baker Medical Research Institute

| | | | | |
|--------------|---|--------|--------|------|
| Dr G Lambert | Central nervous system neuronal activity in depressive illness | 967331 | 53,077 | 1Yr |
| Ms M Young | Adrenal-specific, conditional targeted knockout of steroidogenic factor-I regulated genes | 977384 | 42,057 | 2Yrs |

Peter MacCallum Cancer Institute

| | | | | |
|-------------|--|--------|--------|-----|
| Dr A Harpur | A structure/function analysis of the P110delta sub-unit of Phosphatidylinositol Kinase | 977330 | 53,573 | 1Yr |
|-------------|--|--------|--------|-----|

Ludwig Institute for Cancer Research

| | | | | |
|-------------|---|--------|--------|-----|
| Dr M Layton | Interaction of the P85 and P110 sub units of Phospha Tidylinositol 3-kinase | 957330 | 53,768 | 1Yr |
|-------------|---|--------|--------|-----|

TRAINING AWARDS – OVERSEAS POSTDOCTORAL FELLOWSHIPS

C J Martin Fellowships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---|----------------|---------------|----------------|
| Dr J Zeng | Anti-cancer drug design based on Raf/Ras interactions | 967362 | 53,719 | 1Yr |

Macfarlane Burnet Centre for Medical Research

| | | | | |
|-----------------|---|--------|--------|------|
| Dr G Tachedjian | Protein-protein interactions facilitating HIV-1 replication | 977375 | 34,247 | 2Yrs |
|-----------------|---|--------|--------|------|

Monash University

| | | | | |
|--------------------|---|--------|--------|------|
| Dr P Coughlin | Angiotensinogen and hypertension | 957307 | 62,297 | Nil |
| Dr S Ventura | Nitrgenic Neuro-transmission in the male reproductive tract | 957355 | 19,297 | Nil |
| Dr S Schoenwaelder | The role of vasodilator-stimulated phosphoprotein (VASP) in cell adhesion | 977366 | 34,593 | 2Yrs |
| Dr B Kemp | The role of nitric oxide and apoptosis in atherosclerosis | 987022 | 70,060 | 3Yrs |

Prince Henry's Institute of Medical Research

| | | | | |
|---------------|---|--------|--------|------|
| Dr P Kotsonis | Modulation of endothelial nitric oxide synthase by shear stress | 977344 | 15,795 | 2Yrs |
|---------------|---|--------|--------|------|

Royal Melbourne Hospital Research Foundation

| | | | | |
|-------------|--|--------|--------|------|
| Dr D Curtis | Characterisations PF the receptor tyrosine kinase, NYK on early haemopoietic progenitors | 997002 | 69,789 | 3Yrs |
|-------------|--|--------|--------|------|

St. Vincent's Institute of Medical Research

| | | | | |
|----------------|---|--------|--------|------|
| Dr K Trainedes | Structure-function analysis of Cadherin action in Vitro and in Vivo | 967356 | 51,365 | Nil |
| Dr D Stapleton | Tyrosine kinases in axonal path finding | 977369 | 26,725 | 2Yrs |

TRAINING AWARDS – OVERSEAS POSTDOCTORAL FELLOWSHIPS

C J Martin Fellowships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

University of Melbourne

| | | | | |
|------------------|---|--------|--------|------|
| Dr K McConalogue | Mechanisms of desensitisation of Neuropeptide receptors | 967337 | 53,719 | 1Yr |
| Dr E Fletcher | Amino acid neuro-transmitter receptors in the developing rat retina | 977323 | 53,573 | 1Yr |
| Dr M Ryan | Function consequences of naturally occurring peripheral myelin protein-22 gene mutations | 977364 | 25,357 | 2Yrs |
| Dr H MacLean | The role of Pth and PthrP in osteoblast development and function | 987029 | 64,382 | 3Yrs |
| Dr C Peh | An investigation into the role of HLA-N27 in the pathogenesis of the inflammatory spondyloarthropathies | 997056 | 75,679 | 3Yrs |

Walter and Eliza Hall Institute

| | | | | |
|---------------|---|--------|-------|------|
| Dr A Verhagen | Role of the CD2 extracellular domain in signal transduction | 947343 | 3,967 | Nil |
| Dr G Belz | Characterisation of ligands on Stromal cells involved in B lymphocyte development | 977309 | 7,893 | 2Yrs |

Queensland

Queensland Institute of Medical Research

| | | | | |
|----------------|---|--------|--------|-----|
| Dr S Goldstone | Cloning and characterisation of mammalian cell cycle stage-specific transcription factors | 957315 | 53,768 | 1Yr |
| Dr G Walker | Cloning and characterisation of the chromosome 9p21 melanoma susceptibility gene. | 957356 | 7,660 | Nil |

TRAINING AWARDS – OVERSEAS POSTDOCTORAL FELLOWSHIPS

C J Martin Fellowships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

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|---------------|--|--------|-------|------|
| Dr S Grimmond | The molecular genetics of the sex chromosome genes UTY and UTX | 977327 | 8,846 | 2Yrs |
|---------------|--|--------|-------|------|

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|--------------|--|--------|--------|------|
| Mr G Birrell | Mechanisms of Cisplatin Potentiation by Tirapazamine | 997034 | 63,856 | 3Yrs |
|--------------|--|--------|--------|------|

University of Queensland

| | | | | |
|------------|--------------------------------------|--------|--------|-----|
| Mr D Smith | Gene transfer in HPRT-deficient mice | 957347 | 53,077 | Nil |
|------------|--------------------------------------|--------|--------|-----|

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|---------------|--|--------|--------|-----|
| Dr P Sugerman | The immunopathogenesis of oral lichen planus | 957352 | 62,297 | 1Yr |
|---------------|--|--------|--------|-----|

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|-------------|--|--------|--------|-----|
| Dr K Stacey | Function of the natural resistance associated macrophage protein (nramp) | 967351 | 53,719 | 1Yr |
|-------------|--|--------|--------|-----|

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|----------------|---|--------|-------|------|
| Dr S Rowlinson | Structure/Function analysis of prostaglandin Endo-peroxide synthase-2 (COX-2) | 977363 | 6,442 | 2Yrs |
|----------------|---|--------|-------|------|

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|-------------|---|--------|--------|------|
| Mr M Downes | Investigation of nuclear Co-repressors their role and function during mammalian development and differentiation | 987011 | 66,635 | 3Yrs |
|-------------|---|--------|--------|------|

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|------------|--|--------|--------|------|
| Dr M Sweet | Bacterial DNA and DNA vaccines as regulators of macrophage function and as a therapeutic approach to Leishmani | 987038 | 71,277 | 3Yrs |
|------------|--|--------|--------|------|

| | | | | |
|-----------|--|--------|--------|------|
| Ms J Hill | Signalling cell death - structural basis of death effector/adaptor recruitment | 997045 | 63,856 | 3Yrs |
|-----------|--|--------|--------|------|

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|-------------|---|--------|--------|------|
| Dr G Elston | Variation in cellular morphology in the primate visual system | 997161 | 70,578 | 3Yrs |
|-------------|---|--------|--------|------|

TRAINING AWARDS – OVERSEAS POSTDOCTORAL FELLOWSHIPS

C J Martin Fellowships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

South Australia

Flinders University of South Australia

| | | | | |
|------------|--|--------|--------|-----|
| Dr W Chen | Antigen Processing for MHC Class 1- Restricted T Cell Immunity | 967306 | 53,719 | 1Yr |
| Dr C Jones | The association between childhood atopy and the intrauterine environment | 967327 | 53,719 | 1Yr |

Women's and Children's Hospital

| | | | | |
|------------|---|--------|--------|-----|
| Dr H Scott | A transcription map of chromosome 21q22.3 and identification of disease related genes | 957348 | 51,411 | Nil |
|------------|---|--------|--------|-----|

Western Australia

Sir Charles Gairdner Hospital

| | | | | |
|---------------|--|--------|--------|-----|
| Dr P Eastwood | Mechanisms of ventilatory control during wakefulness and sleep | 967312 | 51,365 | Nil |
|---------------|--|--------|--------|-----|

University of Western Australia

| | | | | |
|--------------|---|--------|--------|------|
| Dr W Greene | Human acute T-cell leukaemia: role of the rhombotin (Ttg) gene family | 947313 | 31,145 | Nil |
| Dr D Watkins | The role of neuro-endocrine development pathways in thermolecular pathogenesis of small cell lung cancer. | 987059 | 72,737 | 3Yrs |

TRAINING AWARDS – OVERSEAS POSTDOCTORAL FELLOWSHIPS

C J Martin Fellowships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Australian Capital Territory

Australian National University

| | | | | |
|--------------|---|--------|--------|------|
| Dr C Chieng | Mechanisms of Opioid dependence in the ventral tegmental area | 967307 | 53,719 | 1Yr |
| Dr D Gould | Neurotransmitter-induced pharmac- and electromechanical coupling in the arteriolar wall | 977325 | 8,024 | 2Yrs |
| Mr S Hogan | CD4 T-cell regulation of eosinophil recruitment and de-granulation | 987068 | 64,575 | 3Yrs |
| Mr T Margrie | Synaptic Transmission and Plasticity in the Avian Hippocampus | 997053 | 68,888 | 3Yrs |

Summary

| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
|-------------------|--------------------|------------------|
| NEW SOUTH WALES | 19 | 924,942 |
| VICTORIA | 26 | 1,260,998 |
| QUEENSLAND | 12 | 582,009 |
| SOUTH AUSTRALIA | 3 | 158,849 |
| WESTERN AUSTRALIA | 3 | 155,247 |
| ACT | 4 | 195,205 |
| <i>Totals:</i> | 67 | 3,277,250 |

Neil Hamilton Fairley Fellowships

Named after the eminent Australian specialist in clinical and tropical medicine, the late Professor Sir Neil Hamilton Fairley, the Neil Hamilton Fairley Fellowships provide training in health and clinical research for new postdoctoral researchers to conduct research both overseas and in Australia. The research usually includes the social and behavioural sciences and can be applied to any area of clinical or community medicine. Eligible applicants have demonstrated an interest in, and an ability to pursue, a career in research, and are currently engaged in such research in Australia.

Typical applicants hold a doctoral degree in a health-related field of research, but have less than two years' postdoctoral research experience. Or they may have submitted a doctoral thesis by December of the year of application, in which case the Fellowship commences when written confirmation has been received that the thesis has been passed. In assessing applications, NHMRC emphasises the applied value of the proposed research. Neil Hamilton Fairley Fellowships are awarded for four years of which the first two years are spent overseas, followed by two years in Australia.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

New South Wales

The New Children's Hospital

| | | | | |
|---------------|--|--------|--------|------|
| Dr R Jamieson | Mouse models for studying X-chromosome activity in Turner syndrome and sex determination | 997006 | 64,941 | 3Yrs |
|---------------|--|--------|--------|------|

Westmead Hospital

| | | | | |
|----------|---|--------|--------|------|
| Dr C Sue | Regional Differences in Abundance of Mitochondrial DNA Mutations in the Brain | 977212 | 66,003 | 2Yrs |
|----------|---|--------|--------|------|

TRAINING AWARDS – OVERSEAS POSTDOCTORAL FELLOWSHIPS

Neil Hamilton Fairley Fellowships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Victoria

Monash University

| | | | | |
|-----------------|--|--------|--------|------|
| Dr R Cunnington | Cortical activity associated with movement preparation and attention | 987046 | 72,018 | 3Yrs |
|-----------------|--|--------|--------|------|

National Ageing Research Institute

| | | | | |
|--------------|---|--------|--------|------|
| Mr M Farrell | Functional neuro-imaging of pain processing in humans | 997042 | 63,856 | 3Yrs |
|--------------|---|--------|--------|------|

Royal Melbourne Hospital Research Foundation

| | | | | |
|-------------|--|--------|--------|------|
| Dr D Thomas | Retinoblastoma protein and cell cycle regulation | 987045 | 72,705 | 3Yrs |
|-------------|--|--------|--------|------|

University of Melbourne

| | | | | |
|-------------|---|--------|--------|-----|
| Dr D Ashley | Glioma immunotherapy using cytokine modified tumour cells expressing the variant EGFR | 957201 | 36,183 | Nil |
| Dr A Baird | PET imaging in acute ischaemic stroke | 967200 | 62,238 | 1Yr |

Walter and Eliza Hall Institute

| | | | | |
|---------------|--|--------|--------|-----|
| Dr G Lindeman | The role of the transcription factor EsF in cell cycle control and oncogenesis | 957210 | 52,227 | Nil |
| Dr A Roberts | Identification of novel genes involved in normal and malignant haemopoiesis | 977211 | 36,557 | 1Yr |

TRAINING AWARDS – OVERSEAS POSTDOCTORAL FELLOWSHIPS

Neil Hamilton Fairley Fellowships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|------------------------|------------------|-------------------|------------------|-------------------|
|------------------------|------------------|-------------------|------------------|-------------------|

South Australia

Flinders University of South Australia

| | | | | |
|--------------------------|--|--------|--------|------|
| Dr P Roberts- Thomson | Mechanisms of impaired coronary reactivity in human diabetes mellitus | 967208 | 60,556 | 1Yr |
| Dr P Harvey | The impact of oestrogen replacement therapy on cardiovascular reflex function, vascular reactivity, and endothelial function in postmenopausal women | 997005 | 63,856 | 3Yrs |
| Dr J Smith | Therapy and mediators of human ocular inflammation | 997009 | 63,856 | 3Yrs |

Institute of Medical and Veterinary Science

| | | | | |
|--------------|--|--------|--------|------|
| Dr I Bastian | Development of novel methods for detecting drug-resistant mycobacteria | 987069 | 86,967 | 3Yrs |
|--------------|--|--------|--------|------|

Queen Elizabeth Hospital

| | | | | |
|--------------|---|--------|--------|------|
| Mr S Stewart | Studies of the nexus between chronic heart failure, atrial fibrillation & health care utilisation | 997010 | 64,941 | 3Yrs |
|--------------|---|--------|--------|------|

Western Australia

University of Western Australia

| | | | | |
|------------|---|--------|--------|-----|
| Dr J Upham | Inflammatory cell progenitors and allergic asthma | 967211 | 62,238 | 1Yr |
|------------|---|--------|--------|-----|

TRAINING AWARDS – OVERSEAS POSTDOCTORAL FELLOWSHIPS
Neil Hamilton Fairley Fellowships

| Summary | | |
|-------------------|--------------------|------------------|
| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
| NEW SOUTH WALES | 2 | 130,944 |
| VICTORIA | 7 | 395,784 |
| SOUTH AUSTRALIA | 5 | 340,176 |
| WESTERN AUSTRALIA | 1 | 62,238 |
| <i>Totals:</i> | 15 | 929,142 |

Public Health Overseas Fellowships

The Public Health Fellowships provide training in public health research for new postdoctoral researchers to conduct research both overseas and in Australia. The research can include the social and behavioural sciences and can be applied to any area of public health. Eligible applicants have demonstrated an interest in, and an ability to pursue, a career in research, and are currently engaged in such research in Australia.

Typical applicants hold a doctoral degree in a health-related field of research, but have less than two years' postdoctoral research experience. Or they may have submitted a doctoral thesis by December of the year of application, in which case the Fellowship commences when written confirmation has been received that the thesis has been passed. Public Health Fellowships are awarded for four years of which up to the first two years are spent overseas, followed by two years in Australia.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Queensland

University of Queensland

| | | | | |
|--------------|--|--------|--------|------|
| Dr M Kelaher | Impact of ethnicity and migration on women's health and health service utilisation | 987089 | 65,949 | 3Yrs |
|--------------|--|--------|--------|------|

Summary

| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
|----------------|--------------------|------------------|
| QUEENSLAND | 1 | 65,949 |
| <i>Totals:</i> | 1 | 65,949 |

Commonwealth AIDS and Related Diseases Overseas Fellowships

Commonwealth AIDS and Related Diseases Research Grants Overseas Fellowships support postdoctoral researchers to undertake research overseas in the area of HIV/AIDS research concerning Hepatitis-C and sexually-transmitted diseases which may be Co-factors in the transmission of HIV/AIDS, and whose prevention strategies suggest a clear and direct overlap with prevention strategies for HIV/AIDS.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

New South Wales

University of New South Wales

| | | | | |
|---------------|---|--------|--------|------|
| Dr A Kelleher | T Cell receptor usage after reinfusion of CTL clones in HIV-infected subjects | 977209 | 47,245 | 2Yrs |
|---------------|---|--------|--------|------|

Westmead Hospital

| | | | | |
|------------|---|--------|--------|------|
| Dr S Xiang | HIV-1 variation and Co-Receptor usage in children | 987185 | 66,763 | 3Yrs |
|------------|---|--------|--------|------|

Victoria

Macfarlane Burnet Centre for Medical Research

| | | | | |
|------------|--|--------|--------|------|
| Dr S Lewin | SIV dynamics and lymphocyte turnover in macaques | 977347 | 81,527 | 2Yrs |
|------------|--|--------|--------|------|

St. Vincent's Institute of Medical Research

| | | | | |
|-------------|---|--------|--------|------|
| Dr R Center | Influence of HIV envelope protein oligomerization on interactions with chemokine receptors. | 987004 | 61,853 | 3Yrs |
|-------------|---|--------|--------|------|

TRAINING AWARDS – OVERSEAS POSTDOCTORAL FELLOWSHIPS
Commonwealth AIDS and Related Diseases

| Summary | | |
|-----------------|--------------------|------------------|
| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
| NEW SOUTH WALES | 2 | 114,008 |
| VICTORIA | 2 | 143,380 |
| <i>Totals:</i> | 4 | 257,388 |

INSERM Fellowships

A bilateral exchange scheme established between the NHMRC and its equivalent organisation in France—known as the L’Institut de la Santé Et de la Recherche Médicale (INSERM)—offers an INSERM Fellowship to encourage researchers of high ability to make a career in medical science, and to provide a vehicle for training in basic and/or clinical research within the biomedical sciences in France and Australia. The Australian awardee spends two years at an INSERM laboratory and receives support from INSERM. The French awardee spends one (or two) years at an Australian Institution and receives support from NHMRC.

Eligible applicants hold a doctoral degree in a health-related field of research or have submitted a doctoral thesis by December of the year of application—in which case the Fellowship commences when written confirmation has been received that the thesis has been passed.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Australian Capital Territory

Australian National University

| | | | | |
|--------------|---|--------|--------|------|
| Dr P Ridgway | Chromatin remodelling on the HIV-1 promoter | 977903 | 70,325 | 2Yrs |
|--------------|---|--------|--------|------|

Summary

| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
|----------------|--------------------|------------------|
| ACT | 1 | 70,325 |
| <i>Totals:</i> | 1 | 70,325 |

Peter Doherty Fellowships

Named after the eminent Australian physiologist, immunologist and Nobel Laureate, Professor Peter Doherty, the Peter Doherty Fellowships encourage researchers of outstanding ability to make their careers in biomedical and clinical research. Awarded for up to four years, Peter Doherty Fellowships provide a vehicle for training in basic research in the biomedical sciences in Australia, and enable Fellows to work on research projects under nominated supervisors.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

New South Wales

Garvan Institute of Medical Research

| | | | | |
|----------------|--|--------|--------|------|
| Dr A Sainsbury | Brain pathways leading to central Neuropeptide Y-induced hyperinsulinemia: a link with peripheral metabolic defects in obesity | 987122 | 52,593 | 3Yrs |
| Dr A Kriketos | Investigation of persons at high risk of subsequent Type 2 diabetes in relation to insulin action | 997116 | 53,191 | 3Yrs |

University of New South Wales

| | | | | |
|--------------|--|--------|--------|------|
| Dr R Vickery | Binocular interactions and their functional implications in extrastriate visual cortex | 967154 | 53,719 | 1Yr |
| Dr P Hodges | Neurophysiological Investigations of stabilisation of the lumbar spine | 977140 | 51,942 | 2Yrs |

University of Sydney

| | | | | |
|-------------|---|--------|--------|-----|
| Dr K Cullen | Atrocyte factors in the initiation of Alzheimer's disease | 957112 | 53,768 | 1Yr |
| Dr F Lovicu | The role of FGF in controlling lens cell behaviour | 967127 | 53,719 | 1Yr |

TRAINING AWARDS—AUSTRALIAN POSTDOCTORAL FELLOWSHIPS

Peter Doherty Fellowships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---|----------------|---------------|----------------|
| Dr L Bendall | Role of CD44 in the interaction between haemopoietic progenitors and bone marrow stroma | 977108 | 53,573 | 2Yrs |
| Dr R De Iongh | Regulation of lens Development by Fibroblast Growth Factor (FGF) and FGF receptors | 977120 | 53,573 | 1Yr |
| Dr C Leamey | Development of the thalamus; a study of the perireticular nucleus | 987175 | 53,380 | 3Yrs |
| Dr M Lassere | Measuring health outcomes using quantile reference curves: methodology and applications | 997093 | 58,999 | 3Yrs |

Victoria

Monash University

| | | | | |
|----------------|---|--------|--------|------|
| Dr M O'Bryan | The expression and regulation of nitric oxide syntheses in the male reproductive tract | 967135 | 53,719 | 1Yr |
| Dr C Scott | Oestrogen action in the brain in relation to the regulation of gonadotrophin releasing hormone | 967147 | 53,719 | 1Yr |
| Dr K Stevenson | The relationship between sex hormones, renal structure and function and hypertension | 967151 | 53,719 | 1Yr |
| Mr C Hardman | The basal ganglia and its influence on the thalamus, cortex and cerebellum in experimental Parkinsonism | 987152 | 50,178 | 3Yrs |
| Dr H Nandurkar | Regulation of cell function by a novel inositol lipid 5phosphatase | 997124 | 50,459 | 3Yrs |

University of Melbourne

| | | | | |
|------------|---|--------|--------|-----|
| Dr C Smith | Molecular genetics of gonadal development | 957156 | 19,297 | Nil |
|------------|---|--------|--------|-----|

TRAINING AWARDS—AUSTRALIAN POSTDOCTORAL FELLOWSHIPS

Peter Doherty Fellowships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|--|----------------|---------------|----------------|
| Dr H Clarris | Molecular studies of odorant receptors in neuronal olfactory cell lines | 987130 | 53,380 | 2Yrs |
| Dr J St John | Mechanisms of axon growth in the vertebrate nervous system. | 987164 | 53,380 | 2Yrs |
| Dr N Laham | Unravelling the molecular interactions involved in MHC class I assembly and antigen presentation | 997117 | 52,149 | 3Yrs |
| Dr J Larm | Neuro-biology of Galanin and Galanin receptors in the central nervous system | 997121 | 50,459 | 3Yrs |

Walter and Eliza Hall Institute

| | | | | |
|----------------|---|--------|--------|------|
| Dr J Waterkeyn | Cytoadherence and antigenic variation in <i>Falciparum malaria</i> | 987113 | 53,380 | 2Yrs |
| Dr M Reed | Gene targeting studies of antigenic variation and cytoadherence in <i>plasmodium Falciparum</i> | 997131 | 52,149 | 3Yrs |

Queensland

Queensland Institute of Medical Research

| | | | | |
|-------------|---|--------|--------|------|
| Ms J Tellam | Formulating Strategies to Restore Immunogenicity of the Epstein-Barr Virus Oncogenic Protein, EBNA1 | 987106 | 51,522 | 3Yrs |
|-------------|---|--------|--------|------|

South Australia

University of Adelaide

| | | | | |
|--------------|--|--------|--------|------|
| Dr K Gatford | Restriction of fetal growth alters endocrine control of postnatal growth | 977127 | 53,238 | 2Yrs |
|--------------|--|--------|--------|------|

TRAINING AWARDS—AUSTRALIAN POSTDOCTORAL FELLOWSHIPS

Peter Doherty Fellowships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|--|----------------|---------------|----------------|
| Mr S Townson | Function of Dead Ringer as a Trans-scriptional Regulator | 987108 | 53,380 | 3Yrs |
| Dr S Koblar | Eph, axon guidance molecules, in neural tract development and regeneration. | 987168 | 70,155 | 3Yrs |
| Dr K Nichols | Characterisation of the distribution and role of voltage-gated calcium channels in autonomic neurons | 997125 | 53,835 | 3Yrs |

Flinders University of South Australia

| | | | | |
|--------------|--|--------|--------|------|
| Dr P Jobling | Functional Heterogeneity of sympathetic neurons | 967120 | 53,719 | 1Yr |
| Dr W Gai | The Molecular constituents of Lewy bodies in Parkinson's and Diffuse Lewy Body Diseases. | 977124 | 52,898 | 2Yrs |

Women's and Children's Hospital

| | | | | |
|------------|---|--------|--------|-----|
| Dr A Paton | Pathogenesis of Shiga-like toxin producing Escherichia Coli infection | 967140 | 51,365 | Nil |
|------------|---|--------|--------|-----|

Western Australia

Royal Perth Hospital

| | | | | |
|----------------|--|--------|--------|-----|
| Dr P Panegyres | Molecular studies into human neuro degenerative diseases | 967137 | 67,589 | 1Yr |
|----------------|--|--------|--------|-----|

University of Western Australia

| | | | | |
|-----------|--|--------|--------|------|
| Ms L Hool | Effects of hypoxia & ischaemia on sensitivity of ion channels to beta & alpha-adrenergic recept in card myocytes | 987151 | 32,028 | 3Yrs |
|-----------|--|--------|--------|------|

TRAINING AWARDS—AUSTRALIAN POSTDOCTORAL FELLOWSHIPS
Peter Doherty Fellowships

Summary

| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
|-------------------|--------------------|------------------|
| NEW SOUTH WALES | 10 | 538,456 |
| VICTORIA | 12 | 595,986 |
| QUEENSLAND | 1 | 51,522 |
| SOUTH AUSTRALIA | 7 | 388,588 |
| WESTERN AUSTRALIA | 2 | 99,617 |
| <i>Totals:</i> | 32 | 1,674,169 |

Australian Applied Health Sciences Fellowships

Australian Applied Health Sciences Fellowships provide training in clinical research methods, including the social and behavioural sciences, applicable to any area of clinical or community medicine. Eligible applicants have demonstrated an interest in, and an ability to pursue, a career in research and are engaged in such research in Australia or overseas. Applicants hold a doctoral degree in a health-related field of research, but have less than two years' postdoctoral research experience. Or they have submitted a doctoral thesis by December of the year of application, in which case the Fellowship commences when written confirmation has been received that the thesis has been passed.

In assessing applications, NHMRC emphasises the applied value of the proposed research. Australian Applied Health Sciences Fellowships are awarded for up to four years. The applicant spends the first two years at a research institution or group which they have nominated and which is other than the one where they obtained their doctoral degree.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

New South Wales

Centenary Institute of Cancer Medicine and Cell Biology

| | | | | |
|--------------|---|--------|--------|------|
| Mr J Triccas | Identification of genes expressed by mycobacterium tuberculosis to enhance intracellular survival | 997142 | 49,870 | 3Yrs |
|--------------|---|--------|--------|------|

University of New South Wales

| | | | | |
|--------------|---|--------|--------|------|
| Dr G Marinos | The immunopathogenesis of chronic hepatitis C virus infection | 977157 | 69,785 | 2Yrs |
|--------------|---|--------|--------|------|

University of Sydney

| | | | | |
|--------------|---|--------|--------|-----|
| Dr K Vickery | Hepatitis B variation: a model of variation of molecular epidemiology | 967008 | 45,574 | 1Yr |
|--------------|---|--------|--------|-----|

TRAINING AWARDS—AUSTRALIAN POSTDOCTORAL FELLOWSHIPS
Australian Applied Health Sciences Fellowships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|------------------------|------------------|-------------------|------------------|-------------------|
|------------------------|------------------|-------------------|------------------|-------------------|

Victoria

Monash University

| | | | | |
|----------------|---|--------|--------|------|
| Dr J Whisstock | Development of antithrombotic compounds. Analysis of the interaction between antithrombin, heparin & factor Xa. | 997144 | 53,835 | 3Yrs |
|----------------|---|--------|--------|------|

University of Melbourne

| | | | | |
|--------------|---|--------|--------|------|
| Ms H Stanton | Metalloproteinases and fibronectin fragments in cartilage aggrecan metabolism | 997137 | 50,459 | 3Yrs |
|--------------|---|--------|--------|------|

South Australia

University of Adelaide

| | | | | |
|---------------|---|--------|--------|------|
| Dr M Makrides | Iron supplementation during pregnancy: effects on maternal and child health | 977005 | 53,164 | 2Yrs |
|---------------|---|--------|--------|------|

Flinders University of South Australia

| | | | | |
|-------------|--|--------|--------|------|
| Ms K Anstey | Predictors of cognitive performance in old age | 987100 | 51,563 | 3Yrs |
|-------------|--|--------|--------|------|

Australian Capital Territory

Australian National University

| | | | | |
|--------------|--|--------|--------|------|
| Dr M Tierney | Structural & biochemical analysis of soluble nicotinicacetylcholine receptor extracellular domains | 997141 | 53,835 | 3Yrs |
|--------------|--|--------|--------|------|

TRAINING AWARDS—AUSTRALIAN POSTDOCTORAL FELLOWSHIPS
Australian Applied Health Sciences Fellowships

| Summary | | |
|-----------------|--------------------|------------------|
| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
| NEW SOUTH WALES | 3 | 165,229 |
| VICTORIA | 2 | 104,294 |
| SOUTH AUSTRALIA | 2 | 104,727 |
| ACT | 1 | 53,835 |
| <i>Totals:</i> | 8 | 428,085 |

Public Health Fellowships

Public Health Fellowships provide training in public health research methods, including the social and behavioural sciences, applicable to any area of public health. Eligible applicants have demonstrated an interest in, and an ability to pursue, a career in research and are engaged in such research in Australia or overseas. Applicants hold a doctoral degree in a health-related field of research, but have less than two years' postdoctoral research experience. Or they have submitted a doctoral thesis by December of the year of application, in which case the Fellowship commences when written confirmation has been received that the thesis has been passed.

In assessing applications, NHMRC emphasises the applied value of the proposed research. Public Health Fellowships are awarded for up to four years. The applicant spends the first two years at a research institution or group which they have nominated and which is other than the one where they obtained their doctoral degree.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

New South Wales

The New Children's Hospital

| | | | | |
|-------------|--|--------|--------|------|
| Dr N Badawi | Outcomes of newborn encephalopathy in term infants | 987062 | 65,565 | 2Yrs |
|-------------|--|--------|--------|------|

University of Newcastle

| | | | | |
|--------------|---|--------|--------|------|
| Dr N Johnson | Benefit of home based low to moderate intense exercise on quality of life in women with ischaemic heart | 964208 | 50,352 | 1Yr |
| Dr N Holmes | Social influences on health promotion interventions at work and in communities | 987086 | 53,380 | 2Yrs |

University of New South Wales

| | | | | |
|------------|--|--------|--------|-----|
| Dr L Maher | Recent initiates to heroin use in SouthWest Sydney | 974304 | 53,573 | 1Yr |
|------------|--|--------|--------|-----|

TRAINING AWARDS—AUSTRALIAN POSTDOCTORAL FELLOWSHIPS

Public Health Fellowships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

University of Sydney

| | | | | |
|----------------|---|--------|--------|------|
| Dr P Schofield | Component 1: Reducing impact of cancer diagnosis Component 2: Doctor-patient communication and therapy | 997030 | 52,149 | 3Yrs |
|----------------|---|--------|--------|------|

Victoria

Anti-Cancer Council of Victoria

| | | | | |
|-----------------|--|--------|--------|-----|
| Dr P Livingston | Melbourne Diabetic Retinopathy project | 964212 | 26,859 | 1Yr |
|-----------------|--|--------|--------|-----|

Deakin University

| | | | | |
|-------------------|---|--------|--------|------|
| Dr M Fotheringham | Understanding & influencing young adults' physical activity & smoking behaviour | 997020 | 50,459 | 3Yrs |
|-------------------|---|--------|--------|------|

International Diabetes Institute Inc

| | | | | |
|--------------|---|--------|--------|------|
| Dr D McCarty | The epidemiology of adult-onset insulin-dependent diabetes mellitus (IDDM) | 964213 | 53,719 | Nil |
| Dr D Dunstan | Modifying cardiovascular risk factors in patients with the NIDDM through dietary & exercise interventions | 997019 | 52,149 | 3Yrs |

Monash University

| | | | | |
|-------------|---|--------|--------|------|
| Dr K Rowley | Nutritional markers and coronary risk in Aborigines and Torres Strait Islanders | 974302 | 53,573 | 1Yr |
| Ms R Woods | Is diet responsible for the high asthma prevalence among young adults? | 987087 | 51,160 | 3Yrs |

TRAINING AWARDS—AUSTRALIAN POSTDOCTORAL FELLOWSHIPS

Public Health Fellowships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Royal Children's Hospital Research Foundation

| | | | | |
|------------|--|--------|--------|------|
| Dr J Burns | The epidemiology of depression and the scope for preventive intervention | 987083 | 49,452 | 2Yrs |
|------------|--|--------|--------|------|

University of Melbourne

| | | | | |
|--------------|---|--------|--------|------|
| Dr R Osborne | Prospective population based study of clinical and psychosocial sequelae in breast cancer | 974312 | 68,904 | 1Yr |
| Dr J Lewis | The impact of new policy directions on dental health occupations and institutions | 974313 | 53,449 | 2Yrs |

Queensland

Mater Misericordiae Hospitals

| | | | | |
|--------------|--|--------|--------|------|
| Ms L Shields | A study of hospital staff's attitude to family-centred care in metro & rural Australia | 997096 | 48,261 | 3Yrs |
|--------------|--|--------|--------|------|

Queensland University of Technology

| | | | | |
|--------------|---|--------|--------|------|
| Dr G Turrell | Socioeconomic status and dietary behaviour | 987088 | 52,131 | 3Yrs |
| Dr P McGrath | An evaluation of palliative care services for patients with leukaemia and associated haematological disorders | 997026 | 53,835 | 3Yrs |

University of Queensland

| | | | | |
|------------|---|--------|--------|-----|
| Dr M Clark | Ambulance Services: An evaluation of the factors influencing demand, including the formulation of resource allocation models to match Resources to demand | 964226 | 60,254 | Nil |
|------------|---|--------|--------|-----|

TRAINING AWARDS—AUSTRALIAN POSTDOCTORAL FELLOWSHIPS

Public Health Fellowships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|--|----------------|---------------|----------------|
| Dr J Murray | Evaluation of community based intervention program for the bereaved | 974318 | 53,573 | 1Yr |
| Dr L Tooth | Predicting functional outcomes quality of life & HealthCare utilisation following stroke & head injury | 997032 | 52,149 | 3Yrs |

South Australia

Flinders University of South Australia

| | | | | |
|--------------|---|--------|--------|------|
| Dr A Magarey | Investigation and validation of methods appropriate to the definition and assessment of obesity in children | 997024 | 52,149 | 3Yrs |
|--------------|---|--------|--------|------|

Western Australia

Murdoch University

| | | | | |
|-------------|--|--------|--------|-----|
| Mr M Anda | Environmental technology for environmental health in remote Aboriginal communities | 964201 | 53,719 | 1Yr |
| Dr U Morgan | The epidemiology and transmission of Cryptosporidium infections in Aboriginal children | 964215 | 53,719 | Nil |

University of Western Australia

| | | | | |
|-------------|--|--------|--------|------|
| Mr L Palmer | Genetic epidemiology of complex childhood disease | 974301 | 53,160 | 2Yrs |
| Dr F Bull | Using computer tailored interventions to modify lifestyle risk factors | 974321 | 53,256 | 2Yrs |

TRAINING AWARDS—AUSTRALIAN POSTDOCTORAL FELLOWSHIPS

Public Health Fellowships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Tasmania

University of Tasmania

| | | | | |
|------------|--|--------|--------|-----|
| Mr M Riley | Evaluation of the performance of key indicator question for food and nutrition monitoring in Australia | 964217 | 53,719 | Nil |
|------------|--|--------|--------|-----|

Australian Capital Territory

Australian National University

| | | | | |
|--------------|--|--------|--------|------|
| Dr C Banwell | Parenting in the socio-cultural context of illicit drug or harmful alcohol use | 987082 | 51,710 | 2Yrs |
|--------------|--|--------|--------|------|

Northern Territory

Menzies School of Health Research

| | | | | |
|-------------|---|--------|--------|------|
| Dr P Morris | Understanding generalise ability: How to get the most out of Cochrane reviews on use of antibiotics in children | 997027 | 58,999 | 3Yrs |
|-------------|---|--------|--------|------|

Summary

| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
|--------------------|--------------------|------------------|
| NEW SOUTH WALES | 5 | 275,019 |
| VICTORIA | 9 | 459,724 |
| QUEENSLAND | 6 | 320,203 |
| SOUTH AUSTRALIA | 1 | 52,149 |
| WESTERN AUSTRALIA | 4 | 213,854 |
| TASMANIA | 1 | 53,719 |
| ACT | 1 | 51,710 |
| NORTHERN TERRITORY | 1 | 58,999 |
| <i>Totals:</i> | 28 | 1,485,377 |

Commonwealth AIDS and Related Diseases Fellowships

Commonwealth AIDS and Related Diseases Research Grants Fellowships support postgraduates in all areas of research training in the areas of HIV/AIDS and related diseases such as research concerning Hepatitis-C and sexually-transmitted diseases which may be Co-factors in the transmission of HIV/AIDS, and whose prevention strategies suggest a clear and direct overlap with prevention strategies for HIV/AIDS.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

New South Wales

Macquarie University

| | | | | |
|-------------|--|--------|--------|------|
| Dr S Slavin | The social & Cultural meanings of injecting drug use: Aqualitative study of four inecting drug populations | 997031 | 52,149 | 3Yrs |
|-------------|--|--------|--------|------|

University of New South Wales

| | | | | |
|------------|--|--------|--------|------|
| Dr S Kerr | Mechanisms of Neuronal Injury in the AIDS dementia complex | 997048 | 68,829 | 3Yrs |
| Dr K Dolan | The transmission and prevention of Hepatitis C in prison | 997160 | 52,149 | 3Yrs |

Westmead Hospital

| | | | | |
|------------|---|--------|--------|------|
| Dr M Kelly | The role of regulatory gene mutations in the chemokine SDF-1 in HIV disease | 997092 | 56,392 | 3Yrs |
|------------|---|--------|--------|------|

TRAINING AWARDS—AUSTRALIAN POSTDOCTORAL FELLOWSHIPS
Commonwealth AIDS and Related Diseases Fellowships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|------------------------|------------------|-------------------|------------------|-------------------|
|------------------------|------------------|-------------------|------------------|-------------------|

Victoria

Deakin University

| | | | | |
|-------------|--|--------|--------|-----|
| Dr M Dawson | An ethnographic study of sexual health and ethnicity: Health seeking strategies among Latin American women | 964225 | 53,719 | Nil |
|-------------|--|--------|--------|-----|

La Trobe University

| | | | | |
|--------------|---|--------|--------|------|
| Dr J Lindsay | An investigation of health risks in the sexual and social lives of young workers | 987081 | 51,710 | 2Yrs |
| Dr L Hillier | Multiple risk youth and HIV/STDs: using concepts of community and the responsible self as a vehicle | 997022 | 53,835 | 3Yrs |

Macfarlane Burnet Centre for Medical Research

| | | | | |
|-------------|--|--------|--------|------|
| Dr J Mak | Intra cellular Trafficking of HIV-1 Viral Assembly Complex during Viral Assembly | 987170 | 49,452 | 2Yrs |
| Dr L Newton | Regulation of HIV-Nef function by phosphorylation | 987179 | 49,452 | 2Yrs |

South Australia

Institute of Medical and Veterinary Science

| | | | | |
|--------------|--|--------|--------|-----|
| Dr L Johnson | Modulation of RNA processing to reduce infectivity and pathogenesis of HIV | 967121 | 51,365 | 1Yr |
|--------------|--|--------|--------|-----|

TRAINING AWARDS—AUSTRALIAN POSTDOCTORAL FELLOWSHIPS
Commonwealth AIDS and Related Diseases Fellowships

| Summary | | |
|-----------------|--------------------|------------------|
| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
| NEW SOUTH WALES | 4 | 229,518 |
| VICTORIA | 5 | 258,167 |
| SOUTH AUSTRALIA | 1 | 51,365 |
| <i>Totals:</i> | 10 | 539,050 |

Howard Florey Centenary Fellowships

Named after the eminent Australian scientist and Nobel Laureate Lord Howard Florey, the Howard Florey Centenary Fellowships provide a vehicle for Australian researchers working overseas to return to Australia and continue their careers in biomedical and health-related research. Applicants usually have between two and five years' postdoctoral experience in their research field. The Fellowships provide travel and relocation costs and full-time support for two years at approved institutions such as teaching hospitals, universities and research institutes.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

New South Wales

University of Sydney

| | | | | |
|-------------|--|--------|--------|-----|
| Dr M Cooper | Analysis of binding to membrane-associated receptors in supported lipid layers | 997079 | 67,433 | 1Yr |
|-------------|--|--------|--------|-----|

Victoria

Howard Florey Institute

| | | | | |
|----------------|--|--------|--------|-----|
| Dr R Bathgate | Characterisation and localisation of the Relaxin-like factor protein and its receptor in the sheep | 987186 | 62,050 | 1Yr |
| Dr J Gunnensen | Genetic analysis of neuroblast dispersion during neocortical development. | 987195 | 63,863 | 1Yr |

Ludwig Institute for Cancer Research

| | | | | |
|-----------|---|--------|--------|-----|
| Dr M Faux | Analysis of signalling pathways regulating Apc and Apc-binding proteins in colon cancer | 997083 | 67,433 | 1Yr |
|-----------|---|--------|--------|-----|

TRAINING AWARDS—AUSTRALIAN POSTDOCTORAL FELLOWSHIPS
Howard Florey Centenary Fellowships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Murdoch Institute for Research into Birth Defects

| | | | | |
|-------------|--|--------|--------|-----|
| Dr P Thomas | A molecular investigation into the role of the homeobox gene HESX1 in septo-optic dysplasia and congenital pan | 987209 | 63,234 | 1Yr |
|-------------|--|--------|--------|-----|

Monash University

| | | | | |
|---------------|---|--------|--------|-----|
| Dr R Teasdale | Dissecting the Mammalian Endosomal System through Bio-informatics | 987210 | 59,380 | 1Yr |
|---------------|---|--------|--------|-----|

University of Melbourne

| | | | | |
|---------------|--|--------|--------|-----|
| Dr A Brooks | The structural basis for the interaction between CD94/NKG2 receptors and HLA class 1 molecules | 997077 | 71,326 | 1Yr |
| Dr S Richards | Regulation of intracellular calcium handling in heart failure by growth factors. | 997085 | 67,433 | 1Yr |

Queensland

Queensland Institute of Medical Research

| | | | | |
|-------------|--|--------|--------|-----|
| Dr A Loukas | C-type lectins of helminth parasites- identification, characterisation and the role in host-parasite | 997084 | 67,433 | 1Yr |
|-------------|--|--------|--------|-----|

Summary

| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
|-----------------|--------------------|------------------|
| NEW SOUTH WALES | 1 | 67,433 |
| VICTORIA | 7 | 454,719 |
| QUEENSLAND | 1 | 67,433 |
| <i>Totals:</i> | 9 | 589,585 |

Gustav Nossal Scholarships

Named after the eminent Australian immunologist, Professor Sir Gustav Nossal, the Gustav Nossal Medical and Dental Postgraduate Research Scholarship is awarded each year to the highest-ranking applicant for either a Medical or Dental Postgraduate Research Scholarship. Gustav Nossal Scholarships provide similar support to the basic Medical and Dental Postgraduate Research Scholarships except that the scholar receives an additional \$3,000 stipend and an additional \$2,000 travel allowance.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

New South Wales

Centenary Institute of Cancer Medicine and Cell Biology

| | | | | |
|--------------|---|--------|--------|-----|
| Dr N Shackel | The molecular pathogenesis of auto-immune liver disease probed by mRNA differential display | 987597 | 30,497 | 1Yr |
|--------------|---|--------|--------|-----|

Victoria

University of Melbourne

| | | | | |
|----------------|--|--------|--------|-----|
| Dr P Batchelor | Repair of damaged neuronal pathways within the CNS | 978104 | 30,497 | Nil |
|----------------|--|--------|--------|-----|

Queensland

University of Queensland

| | | | | |
|------------|---|--------|--------|------|
| Miss A Wan | Oral colonisation of streptococcus mutans in children | 997665 | 30,497 | 2Yrs |
|------------|---|--------|--------|------|

TRAINING AWARDS—AUSTRALIAN POSTDOCTORAL FELLOWSHIPS
Gustav Nossal Fellowships

Summary

| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
|-----------------|--------------------|------------------|
| NEW SOUTH WALES | 1 | 30,497 |
| VICTORIA | 1 | 30,497 |
| QUEENSLAND | 1 | 30,497 |
| <i>Totals:</i> | 3 | 91,491 |

Medical Postgraduate Research Scholarships

Medical Postgraduate Research Scholarships provide full-time research experience to graduates in medicine whose qualification makes them registrable to practice in Australia. Applicants enrol for a higher degree at an approved Australian institution.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

New South Wales

Centenary Institute of Cancer Medicine and Cell Biology

| | | | | |
|------------|--|--------|--------|-----|
| Dr M Levy | Studies of hepatocyte and lymphocyte biology using recombinant soluble dipeptidyl peptidase IV (CD 26) | 968159 | 25,497 | Nil |
| Dr D Bowen | Biology of liver lymphocytes in immune responses | 987637 | 25,497 | 1Yr |

Children's Medical Research Institute

| | | | | |
|--------------|--|--------|--------|-----|
| Dr T Trahair | Gene therapy for paediatric solid tumours | 968210 | 12,644 | Nil |
| Dr J Dean | Gene transfer to the developing liver: Toward Gene Therapy for haemophilia B | 978125 | 25,497 | Nil |

Garvan Institute of Medical Research

| | | | | |
|-----------------|--|--------|--------|-----|
| Dr D Quinn | Oncogenes and tumour suppressor genes in the pathogenesis of prostate cancer | 958179 | 12,644 | Nil |
| Dr B Depczynski | Role of the Neuropeptide Y System in Metabolic Regulation | 978127 | 25,497 | Nil |

TRAINING AWARDS - POSTGRADUATE AND UNDERGRADUATE
SCHOLARSHIPS

Medical Postgraduate Research Scholarships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|--|----------------|---------------|----------------|
| Dr G Leong | Vitamin D receptor interacting transcription factors involved in bone biology | 978150 | 12,644 | Nil |
| Dr S Gan | Muscle Long Chain AcylCoA's & their relationship to insulin resistance & central abdominal fat | 987641 | 25,497 | 1Yr |
| Dr L May | Interactions of macrophages. | 997463 | 25,497 | 1Yr |

Heart Research Institute

| | | | | |
|----------|----------------------------------|--------|--------|-----|
| Dr A Lau | Anti-oxidants in atherosclerosis | 987582 | 25,497 | 1Yr |
|----------|----------------------------------|--------|--------|-----|

The New Children's Hospital

| | | | | |
|------------------|---|--------|--------|------|
| Dr C Ellaway | Rett syndrome diagnostic evaluation and therapeutic strategies | 987570 | 25,497 | Nil |
| Dr P Joshi | Asthma and cytokines | 987581 | 25,497 | Nil |
| Dr J Orford | Animal studies of oesophageal atresia and tracheo-oesophageal fistula | 987594 | 25,497 | Nil |
| Dr J Dalby-Payne | The role of the cytoskeleton in the pathogenesis of <i>E.Coli</i> infection in the gastrointestinal tract | 997431 | 25,497 | 2Yrs |
| Dr A Singh | Function of actin isoforms in neural differentiation. | 997488 | 25,497 | 1Yr |
| Dr H Woodhead | The skeletal adaptations to exercise in prepubertal athletes and normal children | 997502 | 25,497 | Nil |

Royal North Shore Hospital

| | | | | |
|--------------|---|--------|--------|-----|
| Dr R Hammett | Transmembrane transport and microsomal processing of hydrophobic molecules in hepatocytes | 978141 | 25,497 | Nil |
|--------------|---|--------|--------|-----|

TRAINING AWARDS - POSTGRADUATE AND UNDERGRADUATE
SCHOLARSHIPS

Medical Postgraduate Research Scholarships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|------------------------|--|-------------------|------------------|-------------------|
| Dr N Pavlakis | The role of the heparanase enzyme in solid tumour growth and metastasis and the evaluation of its inhibition a | 997475 | 25,497 | 1Yr |

Royal Prince Alfred Hospital

| | | | | |
|---------------|--|--------|--------|------|
| Dr S Swaraj | Prostate physiology and disease: Androgens, ageing and genetics | 968209 | 12,644 | Nil |
| Dr P Ellis | Assessment of women's attitudes towards randomised clinical trials in breast cancer | 978133 | 25,497 | Nil |
| Dr H Pilmore | Growth factor expression in chronic renal allograft rejection | 978173 | 25,497 | Nil |
| Dr L Simmons | Arterial reactivity and ventricular-vascular coupling in normal and hypertensive pregnancies | 978186 | 25,497 | Nil |
| Dr T Robinson | Ventilatory control in COPD | 987647 | 25,497 | 1Yr |
| Dr R Soni | Evaluation of gas exchange by MIGET and interventions to improve survival in CF | 997489 | 25,497 | 2Yrs |

St. Vincent's Hospital Sydney Limited

| | | | | |
|--------------|--|--------|--------|-----|
| Dr L Wallman | Cloning and characterisation of rabbit Endothelin B2 receptor | 968215 | 12,644 | Nil |
| Dr B Walker | Proarrhythmic mechanisms a cellular level | 978196 | 25,497 | Nil |
| Dr H Tie | Electro-physiology and pharmacology of the human cardiac potassium channel, HERG | 987605 | 25,497 | 1Yr |

TRAINING AWARDS - POSTGRADUATE AND UNDERGRADUATE
SCHOLARSHIPS

Medical Postgraduate Research Scholarships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

University of Newcastle

| | | | | |
|--------------|--|--------|--------|------|
| Dr S McGrath | Regulation of oestrogen action and its role in labour and parturation. | 997467 | 25,497 | 2Yrs |
|--------------|--|--------|--------|------|

University of New South Wales

| | | | | |
|--------------|--|--------|--------|------|
| Dr K Gibson | Expression of integrins by human mast cells | 968134 | 6,287 | Nil |
| Dr D Brown | Gene Therapy of Rheumatoid Arthritis | 978113 | 25,497 | Nil |
| Dr S Spicer | The role of T cells and cytokines in nephritis | 978190 | 25,497 | Nil |
| Dr M Norrie | Circulating tumour cells and bone marrow micrometastases in colorectal carcinoma | 987589 | 25,497 | Nil |
| Dr S Ting | Genetic and functional studies in X-linked severe combined Immunodeficiency | 987606 | 25,497 | Nil |
| Dr H Lowe | Inducible endothelial gene expression and the response to injury. | 987630 | 25,497 | 1Yr |
| Dr A Biankin | The molecular pathology of pancreatic cancer | 997416 | 25,497 | 2Yrs |
| Dr S Connor | Chemokine receptors and their role in the recruitment of leucocytes to the gut | 997426 | 25,497 | 2Yrs |
| Dr R Sassoon | Differentiation of fetal insulin producing cells | 997519 | 25,497 | 2Yrs |
| Dr A Poynten | Regulation of Insulin Sensitivity by manipulation of Lipid Metabolism | 997683 | 25,497 | 2Yrs |

TRAINING AWARDS - POSTGRADUATE AND UNDERGRADUATE
SCHOLARSHIPS

Medical Postgraduate Research Scholarships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

University of Sydney

| | | | | |
|-----------------|---|--------|--------|------|
| Dr A Guminski | DNA repair and cisplatin sensitivity | 978140 | 25,497 | Nil |
| Dr K Jones | Molecular pathogenesis of the childhood muscular dystrophies: role of dystrophin associated proteins. | 987583 | 25,130 | Nil |
| Dr V Naganathan | The role of genetic and environmental factors in osteoarthritis of the hip | 987587 | 25,497 | Nil |
| Dr M Craig | the epidemiology and pathogenesis of IDDM | 997429 | 25,497 | Nil |
| Dr P Liu | The metabolic effects of androgens in ageing men | 997459 | 25,497 | 2Yrs |
| Dr N Teoh | Cellular mechanisms of hepatic ischaemia – reperfusion infusion | 997496 | 25,497 | 2Yrs |
| Dr T Wu | The effect of diabetes and nephropathy on cell adhesion molecules atherosclerosis | 997503 | 25,497 | 2Yrs |

Victor Chang Cardiac Research Institute

| | | | | |
|-----------|---|--------|--------|------|
| Dr T Yeoh | Role of the Hand Genes in cardiac development and hypertrophy | 997505 | 25,497 | 2Yrs |
|-----------|---|--------|--------|------|

Westmead Hospital

| | | | | |
|--------------|--|--------|--------|-----|
| Dr N Cordato | Neuro Psychology, MRI and SPECT for assessment of dementia subtypes in Parkinson's disease | 978121 | 25,497 | Nil |
| Dr B Jones | Role of intracellular calcium in the regulation of hepatic CYP4A expression | 978146 | 25,497 | Nil |

TRAINING AWARDS - POSTGRADUATE AND UNDERGRADUATE
SCHOLARSHIPS

Medical Postgraduate Research Scholarships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|--|----------------|---------------|----------------|
| Dr L Kairaitis | Signal transduction pathways of proximal tubule cell cytokine production in experimental chronic renal disease | 997454 | 25,497 | 2Yrs |
| Dr M Kairaitis | Route of breathing in asthma | 997455 | 25,497 | 2Yrs |

Victoria

Alfred Hospital

| | | | | |
|-----------------|---|--------|--------|-----|
| Dr B Rasaratnam | Nitric oxide in the hyperdynamic circulation of cirrhosis | 987617 | 25,497 | 1Yr |
|-----------------|---|--------|--------|-----|

Peter MacCallum Cancer Institute

| | | | | |
|-----------------|--|--------|--------|------|
| Dr E Provenzano | Definition of Molecular alterations in ductal carcinoma-in-situ of the breast associated with disease recurrence | 987433 | 25,497 | 1Yr |
| Dr M Chao | Structure function analyses of BRCA 1 & 2 cancer predisposition genes | 997423 | 25,497 | 2Yrs |

Ludwig Institute for Cancer Research

| | | | | |
|--------------|---|--------|--------|-----|
| Dr N Tebbutt | The function and regulation of the A33 antigen in the mouse | 978202 | 25,497 | Nil |
|--------------|---|--------|--------|-----|

Macfarlane Burnet Centre for Medical Research

| | | | | |
|--------------|---|--------|--------|------|
| Dr O Vujovic | Assembly of respiratory syncytial virus particles in infected cells: Role of virion and cell protein | 997499 | 25,497 | 2Yrs |
|--------------|---|--------|--------|------|

Murdoch Institute for Research into Birth Defects

| | | | | |
|------------|--|--------|--------|-----|
| Dr K Allen | A mouse model for treatment and somatic gene therapy of Wilson's disease | 978101 | 25,497 | Nil |
|------------|--|--------|--------|-----|

TRAINING AWARDS - POSTGRADUATE AND UNDERGRADUATE
SCHOLARSHIPS

Medical Postgraduate Research Scholarships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---|----------------|---------------|----------------|
| Dr M Delatycki | Gene Therapy for Friedreich's Ataxia - The use of Clostridial Neurotoxins for gene transfer | 978126 | 25,497 | Nil |
| Dr H Peters | Gene therapy for methylmalonic aciduria - the use of PAC/BAC clones for gene transfer. | 997478 | 25,497 | 2Yrs |

Monash University

| | | | | |
|-----------------|--|--------|--------|-----|
| Dr P Branley | Cost effectiveness of interventions to alter cardio-vascular risk factors in chronic renal failure | 968110 | 6,291 | Nil |
| Dr A Kitching | T cell regulation of glomerular fibrin deposition | 968153 | 12,644 | Nil |
| Dr M Cunningham | Role of Thrombin in Crescentic Glomerulonephritis | 978124 | 12,644 | Nil |
| Dr T Korman | Genetics and biochemistry of cell walls of mycobacteria | 978156 | 25,497 | Nil |
| Dr J Morton | Muscle injury in exercise limitation in severe pulmonary disease pre & post lung transplant | 978159 | 12,644 | Nil |
| Dr A Pellizzer | Autonomic Effects of Therapeutic interventions in cardiovascular disease | 978171 | 12,644 | Nil |
| Dr P Solin | The interaction between cardiac failure and sleep apnoea | 978189 | 12,644 | Nil |
| Dr S Wigg | The role of advanced Glycation in the vascular dysfunction of diabetes mellitus | 978199 | 25,497 | Nil |
| Dr H Teede | Estrogen and Progesterone: Effects on the vasculature and biochemical mechanisms of action | 978201 | 25,497 | Nil |
| Dr W Brown | Chemoprevention of colorectal cancer - A comparative study | 987568 | 25,497 | Nil |

TRAINING AWARDS - POSTGRADUATE AND UNDERGRADUATE
SCHOLARSHIPS

Medical Postgraduate Research Scholarships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---|----------------|---------------|----------------|
| Dr A Aggarwal | Central Nervous System regulation of the Sympathetic Nervous System in Heart Failure and its modification | 997411 | 25,497 | 1Yr |
| Dr G Jenkin | Mycobacterium ulcerans: understanding an emerging environmental pathogen | 997451 | 25,497 | 2Yrs |
| Dr P Martin | The effect of Endothelin converting enzyme inhibition on remodelling in their at model of heart failure | 997462 | 25,497 | 1Yr |
| Dr M Sutherland | Characterisation of the human cellular and Humoral response to the major latex allergen, HEV B 5. | 997494 | 25,497 | 2Yrs |
| Dr H Whitford | A longitudinal study of airway inflammation and remodelling in stable pulmonary allograft recipients: The effects | 997501 | 25,497 | 1Yr |

National Ageing Research Institute

| | | | | |
|-----------|--|--------|--------|-----|
| Dr E Seal | Quantitative EEG as a measure of cognitive processes in older people | 968203 | 12,644 | Nil |
|-----------|--|--------|--------|-----|

Prince Henry's Institute of Medical Research

| | | | | |
|------------|--|--------|--------|-----|
| Dr F Brown | Regulation of Macrophage proliferation in glomerulonephritis | 978114 | 25,497 | Nil |
|------------|--|--------|--------|-----|

Royal Children's Hospital

| | | | | |
|------------|--|--------|--------|-----|
| Dr M Starr | The role of type 4 fimbriae in pathogenesis of and immunity to infections with Haemophilus influenza | 997493 | 25,497 | Nil |
|------------|--|--------|--------|-----|

TRAINING AWARDS - POSTGRADUATE AND UNDERGRADUATE
SCHOLARSHIPS

Medical Postgraduate Research Scholarships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Royal Children's Hospital Research Foundation

| | | | | |
|------------------|--|--------|--------|-----|
| Dr K Heathershaw | The school age child - Is hearing still an issue ? | 978143 | 12,853 | Nil |
| Dr Y Bonomo | Transition to Drug and Alcohol Dependency in young people. A representative longitudinal study | 987567 | 25,497 | 1Yr |
| Dr J Smart | Cytokine imbalance in childhood atopic disease as determined by the T-cell intracellular cytokine response | 987601 | 25,497 | Nil |
| Dr J Royle | Topical anaesthesia and immunisation: Facilitating pain free immunisation | 997483 | 25,497 | Nil |

Royal Melbourne Hospital Research Foundation

| | | | | |
|----------------|--------------------------|--------|--------|-----|
| Dr A Tuckfield | Cloning of Human TAF 150 | 978195 | 25,497 | Nil |
|----------------|--------------------------|--------|--------|-----|

St. Vincent's Hospital

| | | | | |
|--------------|---|--------|--------|-----|
| Dr K Reardon | The role of the neurocytokine lif in the treatment of irreversible neuromuscular disease | 987619 | 25,497 | Nil |
| Dr B Dixon | Pathogenesis of type B lactic acidosis following cardiopulmonary bypass | 997432 | 25,497 | 1Yr |
| Dr H Gock | Anti-Gal antibody mediated allograft rejection in Gal Knockout mice: A model of delayed xenograft rejection | 997437 | 25,497 | 1Yr |

University of Melbourne

| | | | | |
|-------------|--|--------|--------|-----|
| Dr B Infeld | The effects of acute stroke intervention on brain perfusion and recovery | 958136 | 25,497 | Nil |
|-------------|--|--------|--------|-----|

TRAINING AWARDS - POSTGRADUATE AND UNDERGRADUATE
SCHOLARSHIPS

Medical Postgraduate Research Scholarships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---|----------------|---------------|----------------|
| Dr R Auwardt | NF KB in Glomerulonephritis | 968103 | 12,644 | Nil |
| Dr E Hendrich | The renin angiotensin system in experimental diabetic retinopathy | 968140 | 23,331 | Nil |
| Dr P McCrory | HMPAO-Spect changes after concussive brain injury in Australian Rules footballers | 968175 | 12,644 | Nil |
| Dr J Beilin | Functional studies of the androgen receptor gene in human disease | 978106 | 25,497 | Nil |
| Dr P Froomes | Oxygen and Hepatic Function in Cirrhosis | 978136 | 12,644 | Nil |
| Dr S Read | Studies of the ischaemic penumbra in acute stroke using PET and 18F-fluoromisonidazole | 978178 | 12,644 | Nil |
| Dr J Katsoulis | Mechanisms of Xenograft Rejection | 987579 | 25,497 | 1Yr |
| Dr J Kanellis | The role of vascular endothelial growth factor (VEGF) in the pathogenesis of proteinuria | 987580 | 25,497 | 1Yr |
| Dr R Markus | Identifying threatened tissue after stroke using PET | 987631 | 25,497 | 1Yr |
| Dr K Drummond | The Interaction of the Transforming Growth Factors & the Extracellular Matrix in the Progress of Astocytic Neoplasm | 987640 | 12,644 | Nil |
| Dr A Gilligan | Acute stroke: A population based study of the factors influencing early presentation to health care facilities | 987642 | 25,497 | 1Yr |
| Dr P Gow | Developmental Drug Metabolism | 987644 | 25,497 | Nil |
| Dr J Deague | Family studies of heart size | 987648 | 25,497 | Nil |

TRAINING AWARDS - POSTGRADUATE AND UNDERGRADUATE
SCHOLARSHIPS

Medical Postgraduate Research Scholarships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|--|----------------|---------------|----------------|
| Dr K Bate | Metabolic consequences of specific deletion of glycogen synthase in muscle | 997415 | 25,497 | 1Yr |
| Dr G Garas | Adaptation and repair mechanisms in gastric mucosal injury | 997436 | 25,497 | 2Yrs |
| Dr C Houlihan | Role of dietary sodium intake and ACE genotype on the effectiveness of Losartan therapy in type 2 diabetic | 997448 | 25,497 | Nil |
| Dr G Paizis | The interactions of vaso-active hormones and cytokines in the pathogenesis of hepatic fibrosis | 997473 | 25,497 | 1Yr |
| Dr E Vance | Medical ethics evaluation-identification of the core curriculum goals, the essential skills to evaluate these. | 997520 | 25,497 | 2Yrs |

Walter and Eliza Hall Institute

| | | | | |
|-----------------|---|--------|--------|------|
| Dr C Scott | Analysis of haemopoietic growth factor receptors | 968202 | 12,644 | Nil |
| Dr J Beeson | Human immune responses to malaria | 978105 | 25,497 | Nil |
| Dr P Ekert | Mechanisms of hypoxia-induced neuronal death | 978132 | 12,644 | Nil |
| Dr L Roberts | Immunogenetics of host resistance to leishmaniasis | 978180 | 12,644 | Nil |
| Dr R Symons | Genetics of an autosomal dominant low tension glaucomepedigree | 978193 | 25,497 | Nil |
| Dr H Butzkueven | The effects of insulin-like growth factor 1 (IGF-1) on auto-immune demyelinating disease in the mouse | 997420 | 25,497 | 2Yrs |

TRAINING AWARDS - POSTGRADUATE AND UNDERGRADUATE
SCHOLARSHIPS

Medical Postgraduate Research Scholarships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---|----------------|---------------|----------------|
| Dr M Pellegrini | Transgenic studies on the function of cysteine proteases in lymphocyte apoptosis. | 997476 | 25,497 | 2Yrs |

Queensland

Queensland Institute of Medical Research

| | | | | |
|---------------|--|--------|--------|-----|
| Dr D Bell | Factors involved in maintenance of low malaria endemicity, and effects of intervention | 978107 | 25,497 | Nil |
| Dr B Stringer | Characterisation of an upstream enhancer region of the plasminogen activator inhibitor type 2 (PAI-2) gene | 987435 | 25,497 | Nil |
| Dr J Whitson | Biology of Epstein-Barr virus in relation to epithelial cells and nasopharyngeal carcinoma | 987612 | 12,644 | Nil |

University of Queensland

| | | | | |
|---------------|---|--------|--------|------|
| Dr A Bofinger | Aetiological factors in Arterial Fibromuscular Dysplasia including genetic influence | 978111 | 25,497 | Nil |
| Dr E Nye | Central Hypoadrenalism, obesity and cushing's syndrome: insights through naloxone testing | 987588 | 25,497 | Nil |
| Dr I Yang | Molecular influences on COPD susceptibility, pathogenesis and treatment | 997504 | 25,497 | 1Yr |
| Dr A Cook | Nutrition and adults with intellectual disabilities | 997515 | 25,497 | 2Yrs |
| Dr S Miller | Inter-hemispheric switching in binocular rivalry and bipolar disorder | 997518 | 25,497 | 1Yr |

TRAINING AWARDS - POSTGRADUATE AND UNDERGRADUATE
SCHOLARSHIPS

Medical Postgraduate Research Scholarships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

South Australia

University of Adelaide

| | | | | |
|--------------|---|--------|--------|------|
| Dr P Coates | Role of IL-12 p40in transplantation & use in a gene therapy strategy | 978120 | 25,497 | Nil |
| Dr H Crocker | Clinical and cellular aspects of rhinitis, nasal polyposis, bronchial hyper-reactivity and asthma | 997430 | 25,497 | 2Yrs |

Flinders University of South Australia

| | | | | |
|-----------------|--|--------|--------|------|
| Dr A Craig | Abnormal and Normal Biliary Motility | 987575 | 24,860 | 1Yr |
| Dr A Craig | Abnormal and normal biliary motility | 997428 | 25,497 | 1Yr |
| Dr F Goldblatt | Characterisation and clinical relevance of an auto-antibody directed against salivary ductal epithelium | 997438 | 25,497 | 2Yrs |
| Dr R Gruen | Evaluation of the delivery of specialist services for the treatment of surgical disease in remote environments | 997439 | 25,497 | 2Yrs |
| Dr P Hollington | Characterisation of homeobox genes involved in the development of colorectal carcinoma | 997447 | 25,497 | Nil |

Queen Elizabeth Hospital

| | | | | |
|------------|--|--------|--------|-----|
| Dr S Unger | Inhibition of CPT-1: effects on myocardial metabolism and cardiac function | 978203 | 25,497 | Nil |
|------------|--|--------|--------|-----|

TRAINING AWARDS - POSTGRADUATE AND UNDERGRADUATE
SCHOLARSHIPS

Medical Postgraduate Research Scholarships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|--|----------------|---------------|----------------|
| Dr A Warner | The expression, regulation and effects of inducible nitric oxide synthase in normal and hibernating myocardium | 987610 | 25,497 | 1Yr |

Royal Adelaide Hospital

| | | | | |
|-------------|---|--------|--------|-----|
| Dr S Shakib | Validation studies in therapeutic drug monitoring | 987598 | 25,497 | 1Yr |
| Dr C Rayner | Gastric motility and blood glucose control in diabetes mellitus | 987618 | 25,497 | Nil |

Western Australia

University of Western Australia

| | | | | |
|----------------|---|--------|--------|-----|
| Dr B Yeap | Androgen receptor gene expression in prostate cancer | 968222 | 12,644 | Nil |
| Dr M Epton | T-cell and antibody responses to allergens and non allergens of the house dust mite | 978134 | 25,497 | Nil |
| Dr J Pillow | Minimally invasive partitioning of lung function in neonates | 978172 | 25,497 | 1Yr |
| Dr J Quinlivan | Neuroprotective role of magnesium in the foetus exposed to placental insufficiency | 978174 | 25,497 | Nil |
| Dr T Carter | Molecular genetic lesions and clinical outcomes in high risk paediatric ALL patients. | 987573 | 25,497 | 1Yr |
| Dr B McLaren | T Cell inhibitory factors produced by tumour cells. | 987577 | 25,497 | Nil |
| Dr J Turner | The effect of Chronic Malnutrition on growth and volumetric bone density in adolescents with Anorexia Nervosa | 987607 | 25,497 | 1Yr |

TRAINING AWARDS - POSTGRADUATE AND UNDERGRADUATE
SCHOLARSHIPS

Medical Postgraduate Research Scholarships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---|----------------|---------------|----------------|
| Dr P Langton | T-Lymphocytes in the inflammatory pathogenesis of atherosclerosis and acute coronary syndromes | 987628 | 25,497 | Nil |
| Dr S Mukherjee | Gene therapy of lung cancer | 987632 | 25,497 | Nil |
| Dr P Glendenning | In vivo and in vitro regulation of calcium transport by calcitriol | 987643 | 25,497 | Nil |
| Dr P Judge | Molecular genetic studies in endemically parasited, tropical populations to determine basic I*gE mechanisms. | 997453 | 25,497 | Nil |
| Dr G MacQuillan | Mechanisms of response and non-response to interferon-alpha therapy (IFN-a) in chronic hepatitis C infection. | 997468 | 25,497 | 2Yrs |
| Dr B Singh | The function of the diaphragm as a volume pump in health and disease. | 997490 | 25,497 | Nil |

Northern Territory

Menzies School of Health Research

| | | | | |
|--------------|---|--------|--------|-----|
| Dr G Maguire | Haemophilus influenza in suppurative lung disease | 987576 | 25,497 | 1Yr |
|--------------|---|--------|--------|-----|

Summary

| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
|--------------------|--------------------|------------------|
| NEW SOUTH WALES | 50 | 1,191,007 |
| VICTORIA | 60 | 1,315,859 |
| QUEENSLAND | 8 | 191,123 |
| SOUTH AUSTRALIA | 11 | 279,830 |
| WESTERN AUSTRALIA | 13 | 318,608 |
| NORTHERN TERRITORY | 1 | 25,497 |
| <i>Totals:</i> | 143 | 3,321,924 |

Dental Postgraduate Research Scholarships

Dental Postgraduate Research Scholarships provide full-time research experience to dental graduates whose qualifications make them registrable to practice in Australia. Applicants must also have enrolled for a higher degree at an approved Australian institution. Awarded for up to three years, Dental Postgraduate Research Scholarships are held within Australia.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

New South Wales

Garvan Institute of Medical Research

| | | | | |
|--------------|---|--------|--------|-----|
| Dr K Arneman | Osteoclastic activity modifiers in orthodontic tooth movement | 968102 | 12,644 | Nil |
|--------------|---|--------|--------|-----|

University of Sydney

| | | | | |
|-----------------|---|--------|--------|-----|
| Dr J Choi | Mechanisms for modulation of the epithelial cell phenotype | 978003 | 25,497 | Nil |
| Ms F Martin | Microbial predictors for the clinical treatment of deep carious lesions | 978005 | 25,497 | Nil |
| Mr K Nguyen | Modulation of macrophage functions by a proteinase-adhesion complex isolated from <i>Porphyromonas gingivalis</i> | 987459 | 25,497 | 1Yr |
| Miss M O'Rourke | Patched (PTC) and hedgehog (HH) gene homologues in the development of teeth and the palate | 987461 | 25,497 | 1Yr |
| Mr A McEwan | The effect of tumour cells upon Stromal cell survival. | 997663 | 25,497 | 1Yr |

TRAINING AWARDS - POSTGRADUATE AND UNDERGRADUATE
SCHOLARSHIPS

Dental Postgraduate Research Scholarships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|------------------------|------------------|-------------------|------------------|-------------------|
|------------------------|------------------|-------------------|------------------|-------------------|

Western Australia

University of Western Australia

| | | | | |
|------------|--|--------|--------|-----|
| Mr C Farah | Immunopathology of oral Candida albicans infection | 978004 | 25,497 | Nil |
| Ms Y Yu | Microcirculatory hemodynamics in pulpal inflammation | 987458 | 25,497 | 1Yr |

Summary

| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
|-------------------|--------------------|------------------|
| NEW SOUTH WALES | 6 | 140,129 |
| WESTERN AUSTRALIA | 2 | 50,994 |
| <i>Totals:</i> | 8 | 191,123 |

Dora Lush (Biomedical) Postgraduate Research Scholarships

Named after the Australian bacteriologist, Dora Lush, the Dora Lush (Biomedical) Postgraduate Research Scholarships provide full-time research experience to honours graduates or equivalent in science or a health related discipline. Eligible applicants have also enrolled for a higher degree at an approved Australian institution.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

New South Wales

Children's Medical Research Institute

| | | | | |
|---------------|--|--------|-------|-----|
| Mr D Jellinek | Cloning and Characterisation of the Stanniocalcin Receptor | 967440 | 8,745 | Nil |
|---------------|--|--------|-------|-----|

The New Children's Hospital

| | | | | |
|---------------|---|--------|--------|-----|
| Mr C Nourse | The role of the novel D52 gene family in human cancer | 987483 | 17,635 | Nil |
| Mr J Percival | Cell Cucle Regulation of the Actin Cytoskeleton | 997621 | 17,635 | 1Yr |

University of Newcastle

| | | | | |
|-----------|---|--------|--------|-----|
| Ms L Wood | Oxidative stress and anti-oxidants in cystic fibrosis | 987543 | 17,635 | 1Yr |
|-----------|---|--------|--------|-----|

University of New South Wales

| | | | | |
|--------------------|--|--------|-------|-----|
| Miss S Visvanathan | Cellular immunity to B-2 glycoprotein I in patients with systemic lupus erythrematosus | 967493 | 8,745 | Nil |
|--------------------|--|--------|-------|-----|

TRAINING AWARDS - POSTGRADUATE AND UNDERGRADUATE
SCHOLARSHIPS

Dora Lush (Biomedical) Postgraduate Research Scholarships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|-----------------------------|--|----------------|---------------|----------------|
| Ms L Scurr | Study of the mechanism of signal transduction to the nucleus in mast cells | 977469 | 8,745 | Nil |
| Ms N Verma | Role of TH2 cytokines in transplant tolerance | 977477 | 17,635 | Nil |
| Ms D Yi | Protein damage and ageing | 987523 | 17,635 | Nil |
| University of Sydney | | | | |
| Ms J Montanaro | Virulence factors in legionella longbeachae | 977453 | 17,635 | Nil |
| Miss N Asimus | Reduced penicillin susceptibility in the treponema genus. | 987492 | 17,635 | 1Yr |
| Miss E Power | Recognition and expression of pantomime by people with aphasia and dementia | 987496 | 19,635 | 1Yr |
| Mrs I Dedova | Molecular interaction of actin and myosin | 987546 | 17,635 | 1Yr |
| Ms E McGowan | The function of altered progesterone receptors A and Bin breast cancer cells | 987557 | 17,635 | Nil |
| Mr G Smith | Functional Neuroanatomy of Eye Tracking Dysfunction in Schizophrenia | 997537 | 19,635 | Nil |
| Mr A White | Parallel processing in the primate visual system. | 997540 | 17,635 | 2Yrs |
| Mr B Woodham | The aetiology of Parkinson's disease | 997542 | 17,635 | Nil |
| Mr V Nguyen | Visual perception of ambiguous scenes | 997547 | 22,322 | 1Yr |

TRAINING AWARDS - POSTGRADUATE AND UNDERGRADUATE
SCHOLARSHIPS

Dora Lush (Biomedical) Postgraduate Research Scholarships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

| | | | | |
|---------------------|--|--------|--------|-----|
| Miss K Groot Obbink | The role of lipids in the inflammatory response of neutrophils | 997584 | 17,635 | Nil |
|---------------------|--|--------|--------|-----|

University of Wollongong

| | | | | |
|-----------------|--|--------|--------|------|
| Mrs K Mansfield | Investigation, design and synthesis of cation transport activators based on phenothiazines | 977450 | 17,635 | Nil |
| Mr S Lin | Understanding the basis of leptin resistance | 987535 | 17,635 | Nil |
| Mrs F Edwell | Dietary fatty acids and sympathetic nervous system responsivity in peripheral tissues | 997579 | 17,635 | 2Yrs |

Victoria

Macfarlane Burnet Centre for Medical Research

| | | | | |
|---------|--|--------|--------|------|
| Ms F Li | Hepatitis E virus capsid protein processing and the immune responses induced by DNA immunisation | 997607 | 17,635 | 2Yrs |
|---------|--|--------|--------|------|

Mental Health Research Institute of Victoria

| | | | | |
|------------|--|--------|-------|-----|
| Ms W Hayes | The role of neuro-transmitter receptors in schizophrenia and the efficacy of novel anti-psychotic drugs. | 987538 | 9,737 | Nil |
|------------|--|--------|-------|-----|

Murdoch Institute for Research into Birth Defects

| | | | | |
|---------------|--|--------|-------|-----|
| Mr P Lockhart | The sheep as a model of Wilson's disease | 977447 | 8,745 | Nil |
|---------------|--|--------|-------|-----|

TRAINING AWARDS - POSTGRADUATE AND UNDERGRADUATE
SCHOLARSHIPS

Dora Lush (Biomedical) Postgraduate Research Scholarships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Monash University

| | | | | |
|---------------|--|--------|--------|------|
| Mr S Chu | Developing an information model for computerised critical path management | 977411 | 9,737 | Nil |
| Mr J Harvey | Characterisation of K channels in smooth muscle cells of the guinea-pig | 977435 | 17,635 | Nil |
| Mr M Cowen | Opioid peptide and Opioid receptor involvement in the reinforcing effects of alcohol in the nucleus accumbens. | 987490 | 9,737 | Nil |
| Miss D Sampey | Homodynamic Effects of Chronic, Dual Renin-Angiotensin System Blockade | 997632 | 17,635 | 2Yrs |
| Miss A Shweta | The Role of the Renal Nerves in the Development of Hypertension | 997637 | 17,635 | 2Yrs |

St. Vincent's Institute of Medical Research

| | | | | |
|----------------|---|--------|--------|-----|
| Miss N Horwood | Identification and characterisation of factors involved in osteoclastogenesis | 997588 | 17,635 | Nil |
|----------------|---|--------|--------|-----|

University of Melbourne

| | | | | |
|--------------|--|--------|-------|-----|
| Ms J Holder | Role of the thymus in tissue-specific homing to lymph nodes, spleen and gut | 957470 | 9,484 | 1Yr |
| Ms F Mercuri | Mechanisms of Metalloproteinase action in aggrecan degradation | 967456 | 8,745 | Nil |
| Ms T Burazin | Specific early and late response genes/peptides in neuronal death and regeneration | 977409 | 8,745 | Nil |

TRAINING AWARDS - POSTGRADUATE AND UNDERGRADUATE
SCHOLARSHIPS

Dora Lush (Biomedical) Postgraduate Research Scholarships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---|----------------|---------------|----------------|
| Ms D Dinh | Identification & Characterisation of angiotensin II receptor subtypes in normal & Prostatic disease states | 987488 | 19,635 | 1Yr |
| Mr W Issa | Synthesis and in vitro evaluation of an 18 F-labelled Thymidine analogue: a potential radio tracer for tumour. | 997530 | 17,635 | 2Yrs |
| Mr D Berlowitz | Sleep and breathing in quadriplegics | 997544 | 22,322 | 2Yrs |
| Ms L Godinho | Cell adhesion molecules in retinal development | 997583 | 17,635 | Nil |
| Miss S Leng | Insulin-like growth factor (IGF)-binding protein-6 and IGF-II dependent tumours | 997606 | 17,635 | Nil |
| Ms T Lynch | The role of metal-mediated oxidation and glutathione metabolism in amyloid beta toxicity in Alzheimer's disease | 997609 | 19,635 | 1Yr |

Walter and Eliza Hall Institute

| | | | | |
|--------------|---|--------|--------|------|
| Ms H Thomas | Expression of dominant negative mutant interferon gammareceptors in pancreatic beta cells | 977475 | 17,635 | Nil |
| Ms A Cornish | Genetic analysis of haemopoiesis | 997573 | 17,635 | 2Yrs |

Queensland

Queensland Institute of Medical Research

| | | | | |
|---------------|--|--------|--------|-----|
| Ms C Verity | Development of a nucleic acid vaccine for schistosomiasis | 987521 | 17,635 | 1Yr |
| Mrs C Stewart | Development of Mouse Models for Multiple Endocrine Neoplasia | 997635 | 17,635 | Nil |

TRAINING AWARDS - POSTGRADUATE AND UNDERGRADUATE
SCHOLARSHIPS

Dora Lush (Biomedical) Postgraduate Research Scholarships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

University of Queensland

| | | | | |
|----------------|---|--------|--------|------|
| Miss H Dodds | Identification and characterisation of the metalobites of the chemotherapeutic drug, irinotecan | 967416 | 8,745 | Nil |
| Dr D Harley | The ecology of Ross River virus in tropical Queensland | 967432 | 8,745 | Nil |
| Ms L Shields | Analysis of models of care used in hospitals for health service delivery to children and families | 967482 | 8,745 | Nil |
| Mr C Jones | Structural characterisation of intracellular copper transporting proteins | 987465 | 17,635 | 1Yr |
| Ms C Johansen | Japanese encephalitis virus in the Torres Strait and northern Queensland | 997595 | 17,635 | 2Yrs |
| Miss J Rowland | A Transgenic Analysis of the Basis for Growth Signalling by the Growth Hormone Receptor | 997630 | 17,635 | 1Yr |

South Australia

University of Adelaide

| | | | | |
|---------------|---|--------|--------|------|
| Miss T Crotti | Osteoclast development and prosthesis loosening | 997574 | 17,635 | 2Yrs |
|---------------|---|--------|--------|------|

Flinders University of South Australia

| | | | | |
|-----------------|---|--------|--------|-----|
| Ms R Anderson | Development of the coeliac ganglion | 977400 | 17,635 | Nil |
| Miss K Helmsley | Why do anti-psychotic drugs cause increases in muscle rigidity? | 987469 | 19,635 | Nil |

TRAINING AWARDS - POSTGRADUATE AND UNDERGRADUATE
SCHOLARSHIPS

Dora Lush (Biomedical) Postgraduate Research Scholarships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|--|----------------|---------------|----------------|
| Ms C Bonder | Studies on the IL-4 Receptor on blood monocytes and inflammatory cells | 987551 | 17,635 | 1Yr |
| Miss C Irvine | Purinergic neuro-transmission in the biliary tree | 997594 | 17,635 | 2Yrs |

Western Australia

Curtin University of Technology

| | | | | |
|-------------|--|--------|--------|------|
| Ms J Cahill | Melanoma cell motility: the role of mcam and cd151 | 997570 | 17,635 | 2Yrs |
|-------------|--|--------|--------|------|

Murdoch University

| | | | | |
|--------------|--|--------|--------|-----|
| Ms M Macnish | Molecular epidemiology of intestinal helminths in Aboriginal communities | 977448 | 19,635 | Nil |
|--------------|--|--------|--------|-----|

University of Western Australia

| | | | | |
|-------------------|--|--------|--------|-----|
| Ms A Marzo | A novel transgenic-transfection model to evaluate tumour lymphocyte interactions | 957511 | 8,745 | Nil |
| Mr R Lareu | Role of novel apoptosis-associated gene in tumour | 967448 | 17,635 | Nil |
| Mr M Weichselbaum | The innervation of the developing bronchial tree | 967495 | 8,745 | Nil |
| Mr A Carrello | Characterisation of the cyclopilin - 40 component of the inactivated Estrogen receptor complex | 977410 | 9,737 | Nil |
| Mr P Mark | Steroid receptor associated proteins in Estrogen receptor function | 977451 | 9,737 | Nil |

TRAINING AWARDS - POSTGRADUATE AND UNDERGRADUATE
SCHOLARSHIPS

Dora Lush (Biomedical) Postgraduate Research Scholarships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|--|----------------|---------------|----------------|
| Ms J Marley | Genetic modification of non-immunogenic tumours to induce immune rejection | 977452 | 8,745 | Nil |
| Mr I Dick | Oestrogen effects on calcium metabolism | 987528 | 17,635 | 1Yr |
| Miss I Laing | Do polymorphisms in the clara cell secretory (CC16) gene alter its function & thus predispose to lung inflammation | 997601 | 17,635 | 1Yr |
| Mr N Zeps | Steroid Receptor Expression of Proliferating Mouse Mammary Epithelial Cells | 997642 | 17,635 | Nil |

Australian Capital Territory

Australian National University

| | | | | |
|--------------|--|--------|--------|-----|
| Ms S Bedford | Features of the visual input and neurotransmitters responsible for the control of eye growth | 987652 | 19,635 | Nil |
|--------------|--|--------|--------|-----|

Summary

| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
|-------------------|--------------------|------------------|
| NEW SOUTH WALES | 21 | 352,352 |
| VICTORIA | 20 | 302,872 |
| QUEENSLAND | 8 | 114,410 |
| SOUTH AUSTRALIA | 5 | 90,175 |
| WESTERN AUSTRALIA | 11 | 153,518 |
| ACT | 1 | 19,635 |
| <i>Totals:</i> | 66 | 1,032,962 |

Public Health Postgraduate Scholarships

Public Health Postgraduate Scholarships provide graduates with formal training in public health research at approved tertiary institutions, and are awarded for up to three years.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

New South Wales

Royal North Shore Hospital

| | | | | |
|------------|---|--------|--------|-----|
| Dr F Blyth | Chronic pain and disability from injury: a public health and coordinated care challenge | 974924 | 25,497 | Nil |
|------------|---|--------|--------|-----|

University of Newcastle

| | | | | |
|----------------|---|--------|--------|-----|
| Ms J Robertson | Can routinely collected data be used to measure the quality of prescribing by general practitioners | 964970 | 11,069 | Nil |
| Mr B Goodger | An examination of factors relating to social isolation in the elderly | 974943 | 22,322 | Nil |

University of Sydney

| | | | | |
|--------------|--|--------|--------|------|
| Dr J Young | Improving general practitioners knowledge and use of effective smoking cessation interventions | 974925 | 25,497 | Nil |
| Dr L Trevena | The effect of targeted antenatal health promotion on Maternal & child health outcomes in women with low levels | 997524 | 25,497 | 2Yrs |

TRAINING AWARDS - POSTGRADUATE AND UNDERGRADUATE
SCHOLARSHIPS

Public Health Postgraduate Scholarships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|------------------------|------------------|-------------------|------------------|-------------------|
|------------------------|------------------|-------------------|------------------|-------------------|

Victoria

Deakin University

| | | | | |
|---------------|--|--------|--------|-----|
| Mr M Lawrence | An evaluation of folate fortification as a public health intervention to prevent neural tube defects | 964947 | 21,327 | Nil |
|---------------|--|--------|--------|-----|

La Trobe University

| | | | | |
|---------------|---|--------|--------|-----|
| Mr D Stephens | Public health human rights and HIV/AIDS | 974944 | 22,322 | Nil |
|---------------|---|--------|--------|-----|

Monash University

| | | | | |
|---------------|--|--------|--------|------|
| Ms B Loff | Human rights and health in Australia | 974908 | 22,322 | Nil |
| Dr S Dharmage | Indoor environmental risk factors for asthma in adults | 987407 | 25,497 | Nil |
| Dr M Hellard | Clinical trail to assess gastrointestinal Health Effects of drinking water (The Water Quality Study) | 987422 | 25,497 | 1Yr |
| Dr J Black | Case-control studies of sporadic cryptosporidiosis in Melbourne and Adelaide. | 997522 | 25,497 | 2Yrs |

Royal Children's Hospital

| | | | | |
|--------------|--|--------|--------|-----|
| Dr H Hiscock | The impact of infant sleep interventions on postnatal depression - A randomised controlled trial in the comm | 997510 | 25,497 | Nil |
|--------------|--|--------|--------|-----|

TRAINING AWARDS - POSTGRADUATE AND UNDERGRADUATE
SCHOLARSHIPS

Public Health Postgraduate Scholarships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Royal Children's Hospital Research Foundation

| | | | | |
|---------------|---|--------|--------|-----|
| Dr S Goldfeld | Health care utilisation patterns in the first twelve months of life | 974914 | 12,644 | Nil |
| Dr S Skinner | Effective immunisation in adolescents | 974937 | 12,644 | Nil |

University of Melbourne

| | | | | |
|---------------|---|--------|--------|-----|
| Ms P Robinson | Risk factors associated with meningococcal disease and carriage in Victoria | 964971 | 11,069 | Nil |
| Dr L Sanci | Adolescent health: design and evaluation of an intervention for general practitioners | 974912 | 12,644 | Nil |
| Ms B Erbas | The effect of air pollution climate and pollen on respiratory disease: A time series analysis dilemma | 974913 | 22,322 | Nil |

Queensland

Queensland Institute of Medical Research

| | | | | |
|-----------|---|--------|--------|-----|
| Mr P Ryan | Ecology and control of arbovirus disease in South East Queensland | 964975 | 11,069 | Nil |
|-----------|---|--------|--------|-----|

University of Queensland

| | | | | |
|-----------------|---|--------|--------|-----|
| Miss M Markovic | Health of women born in former Yugoslavia currently residing in South East Queensland | 974931 | 11,069 | Nil |
| Ms I McGuffog | The effects of maternal mental health on child behaviour | 974932 | 11,069 | Nil |

TRAINING AWARDS - POSTGRADUATE AND UNDERGRADUATE
SCHOLARSHIPS

Public Health Postgraduate Scholarships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

South Australia

University of Adelaide

| | | | | |
|----------------|---|--------|--------|------|
| Mr D Brennan | Factors influencing service provision | 974949 | 22,322 | Nil |
| Dr J Chalmers | The oral health of community-dwelling older adults with dementia | 987462 | 25,497 | 2Yrs |
| Dr A Narayanan | risk assessment and oral health outcomes in child dental services | 997666 | 25,497 | 2Yrs |

Women's and Children's Hospital

| | | | | |
|----------------|--|--------|--------|-----|
| Dr N Poplawski | The significance of equivocal sweat tests in South Australian children with elevated immunoreactive trypsin le | 987653 | 25,497 | Nil |
|----------------|--|--------|--------|-----|

Western Australia

University of Western Australia

| | | | | |
|-----------------|---|--------|--------|-----|
| Ms C Fitzgerald | Lessons for Modern Public Health from the history of Tuberculosis | 964921 | 3,425 | Nil |
| Dr K Blake | Antecedents of variability of blood pressure in children | 974967 | 25,497 | Nil |

Northern Territory

Menzies School of Health Research

| | | | | |
|---------------|---|--------|--------|-----|
| Dr S McDonald | Identification and modification of cardiovascular risk factors in an Aboriginal community | 987418 | 25,497 | 1Yr |
|---------------|---|--------|--------|-----|

TRAINING AWARDS - POSTGRADUATE AND UNDERGRADUATE
SCHOLARSHIPS

Public Health Postgraduate Scholarships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|------------------------|--|-------------------|------------------|-------------------|
| Dr J Condon | Health services and other factors which affect cancer survival in Aboriginal people in the Northern Territory | 997509 | 25,497 | 2Yrs |

Summary

| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
|--------------------|--------------------|------------------|
| NEW SOUTH WALES | 5 | 109,882 |
| VICTORIA | 12 | 239,282 |
| QUEENSLAND | 3 | 33,207 |
| SOUTH AUSTRALIA | 4 | 98,813 |
| WESTERN AUSTRALIA | 2 | 28,922 |
| NORTHERN TERRITORY | 2 | 50,994 |
| <i>Totals:</i> | 28 | 561,100 |

Aboriginal Health Research Training Scholarships

Training Scholarships in Aboriginal Health provide funding for research training of particular relevance to the health and well-being of Aboriginal and Torres Strait Islander people. Eligible applicants will have enrolled and will be engaged in studies leading to certificates, diplomas, and undergraduate or postgraduate degrees (such as Masters degrees and Doctorate degrees) at accredited tertiary educational institutions and centres.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

New South Wales

University of Newcastle

| | | | | |
|------------|--|--------|--------|-----|
| Ms P Neal | Masters Social Science by coursework to prepare for research | 987454 | 17,635 | Nil |
| Mr J Shipp | Bachelor of Aboriginal Studies (Health). | 997677 | 17,635 | Nil |

University of Sydney

| | | | | |
|-------------|--|--------|--------|-----|
| Ms D Gosden | Aboriginal Health workers perceptions of their role in Aboriginal Health | 987450 | 17,635 | 1Yr |
|-------------|--|--------|--------|-----|

Victoria

La Trobe University

| | | | | |
|------------|--|--------|--------|-----|
| Dr J Boffa | The role of Aboriginal community controlled primary health care services in Aboriginal health development. | 997668 | 25,497 | Nil |
|------------|--|--------|--------|-----|

TRAINING AWARDS - POSTGRADUATE AND UNDERGRADUATE
SCHOLARSHIPS

Aboriginal Health Research Training Scholarships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|--|----------------|---------------|----------------|
| Dr J Hunt | Evaluating pregnancy care and outcomes for indigenous Australian women | 997674 | 25,497 | 2Yrs |

Queensland

Queensland University of Technology

| | | | | |
|-------------|--|--------|--------|-----|
| Ms P Harald | The development of models of best/preferred practice for achieving health outcomes of urban Indigenous women | 997672 | 17,635 | Nil |
|-------------|--|--------|--------|-----|

South Australia

Flinders University of South Australia

| | | | | |
|----------------|--|--------|--------|------|
| Mr M Batterham | Preventing renal disease in rural Aboriginal Australians-a program for early detection of kidney disease | 997667 | 17,635 | 2Yrs |
|----------------|--|--------|--------|------|

Western Australia

University of Western Australia

| | | | | |
|------------------|--|--------|--------|------|
| Mrs C Freemantle | Determining the key risk and protective factors which predict Aboriginal Child and Adolescent Health | 997670 | 17,635 | 2Yrs |
|------------------|--|--------|--------|------|

Northern Territory

Menzies School of Health Research

| | | | | |
|------------|--|--------|--------|-----|
| Mr P Baker | Cost-effectiveness of screening and treatment of renal disease | 978501 | 17,635 | Nil |
|------------|--|--------|--------|-----|

TRAINING AWARDS - POSTGRADUATE AND UNDERGRADUATE
SCHOLARSHIPS

Aboriginal Health Research Training Scholarships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Northern Territory University

| | | | | |
|-------------|---|--------|--------|-----|
| Dr D Thomas | The interrelatedness of Aboriginal health research and the histories of colonialism | 978508 | 25,497 | Nil |
|-------------|---|--------|--------|-----|

Summary

| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
|--------------------|--------------------|------------------|
| NEW SOUTH WALES | 3 | 52,905 |
| VICTORIA | 2 | 50,994 |
| QUEENSLAND | 1 | 17,635 |
| SOUTH AUSTRALIA | 1 | 17,635 |
| WESTERN AUSTRALIA | 1 | 17,635 |
| NORTHERN TERRITORY | 2 | 43,132 |
| <i>Totals:</i> | 10 | 199,936 |

Commonwealth AIDS and Related Diseases Scholarships

Commonwealth AIDS and Related Diseases Research Grants Scholarships support postgraduates in all areas of research training in the areas of HIV/AIDS and related diseases such as research concerning Hepatitis-C and sexually-transmitted diseases which may be Co-factors in the transmission of HIV/AIDS, and whose prevention strategies suggest a clear and direct overlap with prevention strategies for HIV/AIDS.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

New South Wales

Macquarie University

| | | | | |
|--------------|--|--------|--------|-----|
| Ms K Ireland | Cultures and practices of Drug-taking among Sydney gay youth | 987425 | 22,322 | 1Yr |
| Ms A Moore | The discorsal construction of treatment decisions in the management of HIV disease | 987419 | 22,322 | 1Yr |
| Mr G Smith | The meanings and practice of anal intercourse | 967484 | 11,069 | Nil |

Royal Prince Alfred Hospital

| | | | | |
|-------------|--|--------|--------|-----|
| Ms E Proude | Evaluation of a GP-based counselling intervention to reduce STD risk behaviour | 964996 | 11,069 | Nil |
|-------------|--|--------|--------|-----|

University of New South Wales

| | | | | |
|------------|--|--------|--------|-----|
| Mr R Grant | Neuroprotective and Neurodegenerative potential of tryptophan metabolites in the brain | 967427 | 11,069 | Nil |
|------------|--|--------|--------|-----|

TRAINING AWARDS - POSTGRADUATE AND UNDERGRADUATE
SCHOLARSHIPS

Commonwealth AIDS and Related Diseases Scholarships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|--|----------------|---------------|----------------|
| Ms N Newcombe | The role of Cytotoxic T lymphocytes in HIV transmission | 967462 | 1,407 | Nil |
| Ms L Pemberton | The molecular basis of HIV-1 macrophage tropism as a marker of aids dementia. | 987556 | 22,322 | 2Yrs |
| Ms K Kay | World Health Organisation's AIDS policy historical analysis over the last decade | 956510 | 14,861 | Nil |

University of Sydney

| | | | | |
|-------------|---|--------|--------|-----|
| Ms P McCabe | Communication disorders in people with HIV/AIDS: incidence and prevalence | 977455 | 22,322 | Nil |
|-------------|---|--------|--------|-----|

Westmead Hospital

| | | | | |
|----------------|---|--------|--------|------|
| Miss J Young | The role of IL-12 in augmenting the immune response to HIV antigens | 967500 | 11,069 | Nil |
| Miss B Herring | HIV molecular epidemiology using heteroduplex mobility and tracking assays | 968141 | 22,322 | Nil |
| Ms A Clegg | Effects of HIV on T-cell signal transduction pathways | 977412 | 22,322 | Nil |
| Mr A Sloane | Chemokine receptor interactions with CD4 and HIV gp120/gp41 required for viral entry | 977472 | 22,322 | Nil |
| Ms J Song | Biological & Molecular Characterisation of Recombinant Human Immunodeficiency Strains in Patients with AIDS | 997634 | 22,322 | 2Yrs |

TRAINING AWARDS - POSTGRADUATE AND UNDERGRADUATE
SCHOLARSHIPS
Commonwealth AIDS and Related Diseases Scholarships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Victoria

La Trobe University

| | | | | |
|-----------|--|--------|--------|-----|
| Ms M Hay | Promoting sexual health through primary school sexuality education | 974960 | 11,069 | Nil |
| Ms D Warr | Hetero sexual health and social environment in Australia | 974962 | 22,322 | Nil |

Macfarlane Burnet Centre for Medical Research

| | | | | |
|-----------------|---|--------|--------|------|
| Ms V Lawson | HIV-1 transmission, genotype and phenotype selection | 967449 | 11,069 | Nil |
| Mr L Pereira | Regulation of HIV-1 transcription by cellular transcription factors | 967469 | 11,069 | Nil |
| Dr D Mallon | Role of the MHC in the pathogenesis of HIV infection | 968167 | 25,427 | Nil |
| Ms J Anderson | HIV-1 RNA processing and protein expression | 987481 | 22,322 | 1Yr |
| Ms S Campbell | The role of cholesterol trafficking in HIV-1 assembly in macrophages | 997571 | 22,322 | 2Yrs |
| Mr G Holloway | Pathogenetic mechanisms of HIV-1 and SIV Nef proteins: Generation of pathogenetic SHIV-1 | 997587 | 22,322 | 2Yrs |
| Ms K Kedzierska | Signalling pathways in human monocytes and monocyte - derived macrophages related to phagocytosis | 997596 | 22,322 | 2Yrs |

TRAINING AWARDS - POSTGRADUATE AND UNDERGRADUATE
SCHOLARSHIPS

Commonwealth AIDS and Related Diseases Scholarships

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|------------------------|------------------|-------------------|------------------|-------------------|
|------------------------|------------------|-------------------|------------------|-------------------|

Queensland

Queensland Institute of Medical Research

| | | | | |
|------------------|--------------------------------|--------|--------|-----|
| Miss T Woodberry | A Mucosal HIV Polytype Vaccine | 997640 | 22,322 | 1Yr |
|------------------|--------------------------------|--------|--------|-----|

South Australia

Flinders University of South Australia

| | | | | |
|---------------|--|--------|--------|-----|
| Miss J Clarke | Investigation of the mechanisms of HIV gp41 induced neuronal dysfunction in a novel murine model | 987549 | 22,322 | 1Yr |
|---------------|--|--------|--------|-----|

Western Australia

University of Western Australia

| | | | | |
|-------------|---|--------|-------|------|
| Mr D Calder | HLA associations and Periodontal Disease in the HIV/AIDS patient: The role of acute phase cytokines | 987463 | 2,038 | 2Yrs |
|-------------|---|--------|-------|------|

| | | | | |
|-------------|--|--------|--------|------|
| Mr A Cronin | Expression of truncated CD4 receptors on immature and mature erythrocytes - effect on HIV kinetics | 997545 | 22,322 | 2Yrs |
|-------------|--|--------|--------|------|

Australian Capital Territory

Australian National University

| | | | | |
|---------------|--|--------|--------|-----|
| Ms H Watchirs | Human Rights and HIV/AIDS – Analysis instrument to measure compliance (using Australia as a model) | 987446 | 22,322 | 1Yr |
|---------------|--|--------|--------|-----|

TRAINING AWARDS - POSTGRADUATE AND UNDERGRADUATE
 SCHOLARSHIPS
 Commonwealth AIDS and Related Diseases Scholarships

| Summary | | |
|-------------------|--------------------|------------------|
| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
| NEW SOUTH WALES | 14 | 239,121 |
| VICTORIA | 9 | 170,245 |
| QUEENSLAND | 1 | 22,322 |
| SOUTH AUSTRALIA | 1 | 22,322 |
| WESTERN AUSTRALIA | 2 | 24,360 |
| ACT | 1 | 22,322 |
| <i>Totals:</i> | 27 | 500,692 |

Public Health Travelling Fellowships

Public Health Travelling Fellowships assist investigators to embark on postgraduate study tours, which relate to their work and specialties and which bring benefits to public health in Australia. Study tours may be within Australia or abroad.

Typical applicants have experience in the field of public health and are qualified at a level which ensures the fulfilment of the study tour's program, objectives and implementation. Awarded for two to 12 months, Travelling Fellowships provide a contribution towards travel expenses, living allowances and course fees. Tour plans are favoured which entail applicants studying at a limited number of research and training institutions and centres.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

New South Wales

University of Newcastle

| | | | | |
|-----------------|---|--------|--------|-----|
| Mr A Shakeshaft | Computerised psychological treatment of anxiety and depression in primary care: a randomised controlled trial | 997157 | 19,694 | Nil |
|-----------------|---|--------|--------|-----|

Victoria

Royal Children's Hospital Research Foundation

| | | | | |
|---------------|---|--------|--------|-----|
| Dr S Goldfeld | Public Health Policies for children aged zero to three lessons from North America | 997151 | 20,924 | Nil |
| Ms E Waters | Child outcome indicators - validated public health and clinical measures of physical, emotional and social he | 997158 | 16,840 | Nil |

TRAINING AWARDS – OVERSEAS POSTGRADUATE FELLOWSHIPS
Public Health Travelling Fellowships

| Chief Investigators | Project Title | Reg Key Number | 1998 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

Queensland

University of Queensland

| | | | | |
|-----------|--|--------|--------|-----|
| Dr P Hill | Identification of best practice in health policy and planning for bilateral aid programs | 997153 | 19,661 | Nil |
|-----------|--|--------|--------|-----|

Summary

| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
|-----------------|--------------------|------------------|
| NEW SOUTH WALES | 1 | 19,694 |
| VICTORIA | 2 | 37,764 |
| QUEENSLAND | 1 | 19,661 |
| <i>Totals:</i> | 4 | 77,119 |

SECTION 4

HEALTH SERVICES

NHMRC continued to provide grant support for a number of projects grants awarded by a former committee of the Department of Health and Family Services, known as the Research and Development Grants Advisory Committee (RADGAC).

Health Services

From 1997, NHMRC maintained responsibility for a number of grants awarded by a former committee of the Department of Health and Family Services, known as the Research and Development Grants Advisory Committee (RADGAC). The grants were awarded primarily for health services research.

| Chief Investigators | Project Title | Reg Key Number | 1999 Grant \$ | Future Support |
|---------------------|---------------|----------------|---------------|----------------|
|---------------------|---------------|----------------|---------------|----------------|

New South Wales

University of Sydney

| | | | | |
|-----------------|------------------------------|-------|--------|-----|
| A/Pr P Mitchell | Blue Mountains Hearing Study | HS375 | 33,800 | Nil |
|-----------------|------------------------------|-------|--------|-----|

Queensland

University of Queensland

| | | | | |
|-----------------|--|-------|--------|-----|
| A/Pr M Humphrey | Far North Queensland Aboriginal Fetal Growth and Gestation Project | HS377 | 50,483 | Nil |
|-----------------|--|-------|--------|-----|

Summary

| <i>State</i> | <i>Grant Count</i> | <i>Amount \$</i> |
|-----------------|--------------------|------------------|
| NEW SOUTH WALES | 1 | 33,800 |
| QUEENSLAND | 1 | 50,483 |
| <i>Totals:</i> | 2 | 84,283 |
