

PROJECTS AWARDED ORIA GRANTS IN 2008

ORIA/RANZCO GRANT

Prof K A Williams, Dr H M Brereton & Prof D J Coster

Title: Gene Therapy of the Cornea

Lay Title: Improving outcomes for corneal transplants

Total Amount Awarded: \$69,914

Duration of Funding: two years

ORIA/GLAUCOMA AUSTRALIA INC GRANT

Dr G Chidlow & A/Prof R Casson

Title: The Role of Osteopontin in the Retina

Lay Title: The Role of Osteopontin in the Retina

Total Amount Awarded: \$48,250

Duration of Funding: one year

ORIA/GLAUCOMA AUSTRALIA INC GRANT

Prof J Crowston & Dr Ian Trounce

Title: Oxidative Phosphorylation defects and the optic nerve response to acute IOP injury in the xenomitochondrial mouse

Lay Title: Defects in mitochondrial energy production and optic nerve susceptibility to pressure-induced injury

Total Amount Awarded: \$45,700

Duration of Funding: one year

ORIA/GLAUCOMA AUSTRALIA INC GRANT

A/Prof J Craig & Dr A Hewitt

Title: Proteomic and Genomic Strategies to Identify the Molecular Basis of PEX

Lay Title: Using state-of-the-art protein and DNZ methods to discover the causes the pseudoefoliation syndrome, a cause of glaucoma blindness

Total Amount Awarded: \$38,490

Duration of Funding: one year

ORIA/ESME ANDERSON GRANT

A/Prof D Mackey, Dr Cong Sun & Dr J Ruddle

Title: Genetics of Retinal Vascular Calibre: the Australian Twin Eye Study

Lay Title: Are Retinal Blood Vessel Inherited? A Twins Study

Total Amount Awarded: \$50,000

Duration of Funding: one year

ORIA/RENESSON BEQUEST GRANT

Dr L Robman

Title: Association of macular pigment density with severity and progression of age-related macular degeneration

Lay Title: Association of macular pigment density with severity and progression of age-related macular degeneration

Total Amount Awarded: \$38,500

Duration of Funding: one year

ORIA/G J WILLIAMS GRANT

Prof J McAvoy & Dr F Lovicu

Title: Mechanisms of Lithium's Promotion of lens epithelial phenotype and inhibition of TGFbeta-induced cataract

Lay Title: Lithium inhibition of cataract

Total Amount Awarded: \$35,000

Duration of Funding: one year

ORIA GRANT

Dr N Di Girolamo, Dr M C Madigan and Dr R Max Conway

Title: Molecular and Cellular Mechanisms in Ocular Surface Squamous Neoplasia

Lay Title: Factors involved in the development of ocular surface tumour

Total Amount Awarded: \$49,205

Duration of Funding: one year

ORIA/RANZCO EYE FOUNDATION GRANT

Dr K Burdon & Dr S Abhary

Title: Genetic Determinants of Diabetic Retinopathy in Type 2 Diabetes Mellitus

Lay Title: Genetics of Diabetic Eye Disease

Total Amount Awarded: \$33,000

Duration of Funding: one year

ORIA/RANZCO EYE FOUNDATION GRANT

Prof L Hirst, Dr Zeke Barnard & Dr Zainuddin

Title: Development of a Tissue-Engineered Membrane for Ocular Surface Reconstruction Using Silk as a Substrate to Cultivate corneal Stem Cells

Lay Title: Growing corneal stem cells on silk

Total Amount Awarded: \$29,500

Duration of Funding: two years

ORIA/RANZCO EYE FOUNDATION GRANT

A/Prof I L McAllister, Dr W H Morgan, Dr LRS Vijayasekaran, Dr P K Yu and Dr C Balaratnasingham

Title: Investigating the Endothelial Cell Morphological changes in Retinal Veins at Sites of Predilection to occlusion

Lay Title: Investigating the structural changes in the cells lining the retinal veins at sites vulnerable to blockage

Total Amount Awarded: \$68,954

Duration of Funding: two years

ORIA GRANT

Dr R Jamieson, Dr J Grigg, Dr P Tam & Prof F Billson

Title: Ocular developmental disorders: Molecular genetics and gene function

Lay Title: Discovery of the functional role of a signalling pathway in eye development and human disease

Total Amount Awarded: \$50,000

Duration of Funding: one year

TOTAL AMOUNT AWARDED

\$556,513.00