

APPROVED PROJECT GRANTS 2007

This document provides details of the successful CRF project grants to commence in 2007. The grants are listed in alphabetical order by Institution.

Number of applications supported: 32
Total funding: \$893,000

CHILD HEALTH RESEARCH INSTITUTE		
Chief Investigator	Project	Amount (excl. GST)
Dr Allison Cowin	New Therapy for Treating Burn Injury	\$39,000
Dr Stephen Wood	Regulation of protein trafficking in Lysosomal Storage Disease by the FAM deubiquitylating enzyme (Second Year)	\$35,000
Total		\$74,000

CHILDREN YOUTH AND WOMEN'S HEALTH SERVICE		
Chief Investigator	Project	Amount (excl. GST)
A/Prof Donald Anson	What is the relationship between expression of CFTR and correction of cystic fibrosis airway disease?	\$39,000
Dr Sharon Byers	Substrate deprivation therapy for MPS IVA using RNAi. (Second Year)	\$45,000
Dr Sharon Byers	Does substrate deprivation therapy change CNS pathology in MPS disorders ?	\$36,000
Dr William Hague	The MiG-TOFU study: mothers and their offspring at 2 years: body composition, insulin resistance and development	\$35,000
Professor T Yee Khong	Confined placental mosaicism and uniparental disomy in IUGR: a novel approach through morphological determination and molecular studies	\$35,000
Dr Patrick Quinn	The Effect of Lactobacillus GG in a Murine Model of Cow's Milk Allergy (Second Year)	\$25,000
Dr Cheryl Shoubridge	Molecular pathogenesis of mutations in the ARX homeobox protein	\$15,000
Dr Cuong D Tran	Fractional absorption of zinc and gut function in children with Coeliac Disease	\$30,000
Dr Cory Xian	Role of p38 MAP kinase signalling in the bony repair of the injured growth plate cartilage	\$25,000
Total		\$285,000

FLINDERS UNIVERSITY		
Chief Investigator	Project	Amount (excl. GST)
Dr Dani-Louise Bryan	Cyclooxygenase (COX) regulation in respiratory syncytial virus (RSV)	\$45,000
Dr Michael Gradisar	The assessment and treatment of co-morbid anxiety and sleep disorder symptomatology in children and adolescents.	\$14,000
Ms Kate Jackson	Infant Sleep Disturbance: A randomised controlled trial of behavioural interventions	\$12,000
Total		\$71,000

MENZIES SCHOOL OF HEALTH		
Name	Project	Amount (excl. GST)
Dr Amanda Leach	Implications of nonencapsulated Streptococcus pneumoniae carriage for maintenance of antibiotic resistance genes and the efficacy of pneumococcal conjugate vaccine (Prevenar) for pneumococcal disease (Second Year)	\$42,000
Dr Gurmeet Singh	Prevalence of iodine deficiency in NT Aboriginals of reproductive age	\$27,000
Dr Shelley Walton	An immunodiagnostic assay for scabies (Second Year)	\$45,000
Total		\$114,000

NOVITA CHILDREN'S SERVICES		
Chief Investigator	Project	Amount (excl. GST)
Ms Emily Graham	The relationship between Ankle-Foot-Orthosis Shank Vertical Angle and optimal gait in children with Cerebral Palsy	\$25,000
Ms Sonya Murchland	Assistive Technology solutions for students with physical disabilities: an analysis of utility, costs, and student satisfaction (Second Year)	\$31,000
Dr Parimala Raghavendra	Participation Profile of children with physical disabilities with and without complex communication Needs: Association between Social Networks, Communication, Activity engagement and time use.	\$31,000
Total		\$87,000

THE QUEEN ELIZABETH HOSPITAL		
Chief Investigator	Project	Amount (excl. GST)
Dr Adrian Cummins	Investigation of Wnt/Beta-catenin signalling as a determinant of crypt fission during postnatal growth of the small intestine (Second Year)	\$35,000
Total		\$35,000

UNIVERSITY OF ADELAIDE		
Chief Investigator	Project	Amount (excl. GST)
Dr Simon Barry	Characterisation of human Cord Blood regulatory T cells for autoimmune disease diagnosis (Second Year)	\$35,000
Dr Lisa Jamieson	An oral health investigation of Aboriginal adolescents involved in a longitudinal study	\$18,000
Dr Karen Kind	Effect of in vitro embryo culture on placental development and function	\$15,000
Prof Alastair MacLennan	Hereditary variations in the fetal inflammatory response to infection may cause preterm delivery and cerebral palsy - a pilot study to validate methods (Second Year)	\$36,000
Dr Lauren Miller-Lewis	Predicting and Promoting Mental Health Resilience in Early Childhood: The impact of relationships with teachers and parents.	\$16,000
Dr Rebecca Robker	Intergenerational effects of perturbations on preimplantation stage embryos	\$20,000
Dr David Saint	The mechanism of cardiac muscle damage in muscular dystrophy	\$25,000
Total		\$165,000

UNIVERSITY OF SOUTH AUSTRALIA		
Chief Investigator	Project	Amount (excl. GST)
Dr Manya Angley	Augmentation of autism phenotyping tool with sensory processing information	\$9,000
Mr Severence McLaughlin	Molecular mechanisms underlying childhood, adolescent and adult cardiovascular disease caused by maternal undernutrition during early gestation	\$15,000
Ms Beverley Muhlhausler	Intrauterine growth restriction and the early origins of the metabolic syndrome	\$18,000
Dr Merri Paech	The impact of a water-based activity in a chlorinated pool on children aged 8-12 years living with asthma	\$20,000
Total		\$62,000