

This document provides details of the successful CRF project grants to commence in 2009. The grants are listed in alphabetical order by Institution.

Number of applications supported: **31**
Total funding allocated: **\$1,200,000**

Children, Youth & Women's Health Service		
Dr Chad Andersen	Oxygen Use and Brain Injury in Premature Babies: A Natural History Cohort.	30,000
Dr James Martin	Respiratory control disorder in infants: A new syndrome? (Year 2)	28,000
Dr Taher Omari	Upper GI motility and Gastro-Oesophageal Reflux in Infants with Cow's Milk Protein Allergy.	40,000
Dr James Rice	Electrical stimulation in botulinum toxin A use in children with cerebral palsy: a randomised trial	50,000
TOTAL		148,000

CSIRO		
Dr Rebecca Golley	Efficacy of dietary advice on a higher protein versus higher carbohydrate dietary pattern as part of a multi-component child weight management intervention	45,000
TOTAL		45,000

Flinders University of South Australia		
Associate Professor Simon Carney	Gut flora in the hypertropic adenoid: detection of the Helicobacteraceae family in adenoid tissue of children with hypertropic adenoids.	35,000
Dr Nicola Spurrier	Supporting family lifestyle change for children with obesity through a novel home-based intervention (Year 2)	30,000
TOTAL		65,000

SA Pathology (Trading as IMVS)		
Dr Peter Coyle	Binge (acute) alcohol exposure in early pregnancy predisposes offspring to neurological deficits by a metallothionein-mediated mechanism	50,000
Professor Antonio Ferrante	Treating hyperglycemia in diabetes with novel polyunsaturated fatty acids	45,000
Professor David Gordon	Mechanisms of cellular entry of human metapneumovirus (Year 2)	28,000
Dr Cheryl Shoubridge	Mutations in IQSEC2, a guanine nucleotide exchange factor for ARF6 cause non-syndromic mental retardation.	34,000
TOTAL		73,000

Menzies School of Health Research		
Professor Naor Bar-Zeev	Burden of severe disease due to influenza and other respiratory viruses in Aboriginal children in the Northern Territory (Year 2)	40,000
Professor Anne Chang	Does azithromycin improve the clinical recovery of hospitalised bronchiolitis in Indigenous and non-Indigenous infants: a randomised controlled trial	50,000
Dr Amanda Leach	Study of Microbiology Linked to the Evaluation of "Strong Teeth for Little Kids": a randomised controlled trial in the Northern Territory. (SMILE_STLK)	40,000

Dr Heidi Smith-Vaughan	Do atypical pathogens explain the high rates of acute otitis media treatment failure in Indigenous children?	45,000
TOTAL		175,000

Novita Children's Services

Dr Tim Connell	Improving Children's Quality of Life (QOL) after acquired brain injury (ABI) (Year 2)	35,000
Ms Sonya Murchland	The efficacy of functional splinting of the upper limb in children with hemiplegic cerebral palsy	43,000
Mr Toan Nguyen	Training children with physical disabilities to use mobile phones.	35,000
Dr Parimala Raghavendra	Making music through movement: The efficacy of the Virtual Music Instrument (VMI) for developing early communicative and play behaviours in children with severe and multiple disabilities (Year 2)	41,000
TOTAL		154,000

The Queen Elizabeth Hospital

Dr Adrian Cummins	Identification of intestinal stem cells by immunofluorescence	37,000
TOTAL		37,000

University of Adelaide

Professor Caroline Crowther	Dietary and lifestyle advice and treatment for women with borderline gestational glucose intolerance (Year 2)	45,000
Dr Rosalie Grivell	A randomised trial to limit weight gain in overweight and obese women during pregnancy- effects on foetal growth	35,000
Dr Karen Kind	Developmental programming of metabolic and cardiovascular health - transgenerational effects of pre and early postnatal nutrition? (Year 2)	26,000
Dr Julia Pitcher	Corticospinal function and motor and cognitive development in preterm and term children (Year 2)	42,000

Associate Professor Claire Roberts	Angiogenic factors and pregnancy complications that compromise maternal, foetal and infant health (Year 2)	40,000
Dr Paul Thomas	Identifying the genetic pathology of the mental retardation syndrome X-linked Hypopituitarism using mouse models (Year 2)	32,000
TOTAL		178,000

University of South Australia

Dr Phil Thomas	Nutrigenomic approach to correction of folate/methionine imbalance in autism.	34,000
TOTAL		34,000

Women's and Children's Health Research Institute

Associate Professor Allison Cowin	To determine the role of Flightless I in the skin blistering disease Epidermolysis Bullosa	45,000
Dr Imme Penttila	Immunological mechanisms involved in programming the infant immune response toward prevention of food allergy	40,000
Associate Professor Barry Powell	Control of cranial bone growth by glypicans (Year 2)	40,000
Dr Lisa Smithers	Does foetal exposure to DHA enhance executive function in early childhood?	40,000
TOTAL		165,000

COYLE Funding Withdrawn – Obtained NHMRC Grant
PITCHER Funding Withdrawn – Obtained NHMRC Grant
SHOUBRIDGE Funding Withdrawn – Obtained WCH Foundation Grant
GOLLEY Funding Withdrawn – Project will not commence