

WCH FOUNDATION RESEARCH GRANT Funding to Commence 2020

| CHIEF INVESTIGATOR | TITLE | AMOUNT OF FUNDING |
|---|---|-------------------|
| <p style="text-align: center;">Dr Karen Best</p> <p>SAHMRI Women and Kids Level 7, Clarence Rieger Building, WCH</p> | <p><i>A pilot study to determine the level of plasma unmetabolised folic acid following prenatal multivitamin supplementation with and without folic acid</i></p> | \$100,000 |
| <p style="text-align: center;">Ms Michelle Clarke</p> <p>University Department of Paediatrics Level 2, Clarence Rieger Building, WCH</p> | <p><i>A clinical study to determine whether antibiotic-driven neonatal intestinal dysbiosis is associated with impaired vaccine responses</i></p> | \$100,000 |
| <p style="text-align: center;">Dr Richard Couper</p> <p>Department of Gastroenterology Level 8, Clarence Rieger Building, WCH</p> | <p><i>Detecting non-alcoholic fatty liver disease in paediatric patients through analysis of volatile organic compounds in exhaled breath</i></p> | \$100,000 |
| <p style="text-align: center;">Professor Antonio Ferrante</p> <p>Department of Immunotherapy Level 5, Clarence Rieger Building, WCH</p> | <p><i>Regulating T cell maturation at birth to avert allergy development in childhood</i></p> | \$100,000 |
| <p style="text-align: center;">Dr Luke Grzeskowiak</p> <p>SAHMRI Women and Kids Level 7, Clarence Rieger Building</p> | <p><i>neoGent: developing safer and more effective treatment regimens for gentamicin use in very preterm infants</i></p> | \$100,000 |
| <p style="text-align: center;">Professor Sandra Hodge</p> <p>Department of Medicine University of Adelaide</p> | <p><i>Increased lung artery blood pressure (pulmonary hypertension: PH) and vascular dysfunction in children with cystic fibrosis (CF)</i></p> | \$100,000 |
| <p style="text-align: center;">Professor Helen Marshall</p> <p>Department of Paediatrics Level 2, Clarence Rieger Building</p> | <p><i>Utilising provider-parent strategies to improve influenza vaccination in children and adolescents with special risk medical conditions: a randomised controlled trial</i></p> | \$100,000 |
| <p style="text-align: center;">Ms Alexandra McCarron</p> <p>Department of Respiratory & Sleep Medicine Level 6, Gilbert Building</p> | <p><i>Airway gene correction in neonatal cystic fibrosis rats</i></p> | \$100,000 |
| <p style="text-align: center;">Dr Timothy Sadlon</p> <p>Department of Gastroenterology Level 2, Clarence Rieger Building</p> | <p><i>Identifying effector T cell responses to T regulatory cell suppression at the single cell level: discovering new approaches that induce tolerance to treat autoimmunity and cancer</i></p> | \$100,000 |
| <p style="text-align: center;">A/Professor Michael Stark</p> <p>Department of Neonatal Medicine Level 1, Queen Victoria Building</p> | <p><i>Surfactant administration by either supraglottic airway device (SAD) or direct laryngoscopy in late preterm and term newborns positive airway pressure support: A randomised, multi-centre, non-inferiority trial</i></p> | \$70,000 |
| Total: | | \$970,000 |