



Telethon Kids Research Seminars



SENIOR RESEARCH STRATEGY LEADER PRESENTATIONS

“An overview of their research program and vision of where this will lead over the next five years, and how this will contribute to improvements in child health and wellbeing”



Dr Hannah Moore

Program Head
Infection and Vaccines; Telethon Kids Institute

“Optimising the use of administrative data to reduce the burden of severe infectious diseases in children”

Dr Moore heads the Infectious Disease Epidemiology Team. Their mission is to reduce the burden of severe infectious diseases in children through effective prevention strategies. These strategies and their ongoing evaluation need to be based on accurate local population-based data. Dr Moore’s research uses multiple streams of data, often total population-based to estimate burden of disease, understand the contribution of perinatal risk factors to disease, evaluate current vaccination programs and over the course of the next 5 years will provide the essential basis for recommending new preventive measures. In the immediate future, Dr Moore will be conducting population-based studies to increase our knowledge of Respiratory Syncytial Virus epidemiology. This common respiratory virus that has now been listed as a top priority for disease prevention by the World Health Organisation. Her long term vision is to strengthen the capacity of data linkage research for infectious diseases research.



Dr Lea-Ann Kirkham

NHMRC Career Development Fellow
School of Biological Sciences; Harry Perkins Institute

“Novel therapies and vaccine strategies to reduce the global burden of bacterial respiratory disease”

Dr Kirkham’s vision is to develop innovative strategies to significantly reduce the global burden of childhood bacterial respiratory disease from nontypeable *Haemophilus influenzae* (NTHi) and *Streptococcus pneumoniae*. Despite availability of antibiotics and improved vaccines, these pathogens are still the most significant cause of childhood morbidity and mortality. She leads a research program to assess, prevent, diagnose and treat NTHi and *S. pneumoniae* disease, applying her expertise in bacterial pathogenesis, molecular microbiology, and vaccine development. During this fellowship, she will evaluate the impact of current pneumococcal vaccination strategies and is developing a novel probiotic to prevent ear infections from NTHi. This research will inform vaccine policy, advance vaccine development, and potentially lead of a novel therapy; which together will contribute to reducing the unacceptably high burden of childhood respiratory diseases.



16 February 2018



12pm – 1pm



Telethon Kids Institute Seminar Room

A light lunch will be provided at 11.45am for those attending the seminar