



Child Health Precinct Research Week Program

Tuesday 20th October 12pm – 1pm

<https://uqz.zoom.us/j/7847235316>

Session chair: Dr Kartik Iyer

- **Dr Ross Balch:** Rapid Detection of Sepsis Pathogens from Whole Blood Using Nanopore Sequencing (15 min)
- **Dr Camille Guillerey:** Unleashing Natural Killer cell activity against childhood Leukemia (15min)
- **Ms Maria Antico:** Deep Learning-based automatic segmentation for reconstructing vertebral anatomy of Healthy Adolescents and Patients with Adolescent Idiopathic Scoliosis (AIS) Using MRI Data (15 min)

Wednesday 21st October 12pm – 1pm

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Session chair: Dr Sarah Reedman

- **Associate Professor Anthony Herbert and Ms Lynne Seear:** Future stories - investigating the potential of engaging children and their community of carers with virtual reality (VR) experiences in hospital contexts – a pilot study (15 min)
- **Dr Katie Ekberg:** The pervasive relevance of COVID-19 in paediatric palliative care appointments during the pandemic (15 min)
- **Dr Alison Bowers:** Evaluation of the Paediatric Palliative Care Outreach Collaborative (e-PPCS) (5min)

Thursday 22nd October 12pm – 1pm

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Session chair: Dr Olivia Holland

- **Dr Leanne Winter:** Characteristics and treatment outcome of children and adolescents referred to Child and Youth Mental Health Services (CYMHS) (15min)
- **Dr Suzanne Harte:** Parental and Carer Perceptions of Cannabidiol Treatment for Children Diagnosed with Refractory Epilepsy (5min)



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- **Associate Professor Helen Heussler:** Tolerability and efficacy of cannabidiol (CBD) transdermal gel (ZYN002) in children and adolescents with autism spectrum disorder: An open label phase 2 study – BRIGHT (5min)
- **Dr Nicole Hayes:** Parent reported sleep problems in children with fetal alcohol spectrum disorder: Associations with child, caregiver and family functioning (5min)
- **Dr Lisa Akison:** Prenatal alcohol exposure programs offspring disease: Sex-specific impacts on glucose metabolism in a rat model of moderate, acute exposure (5min)

Digital posters:

- **Dr Megan Tones:** The incidence of medical conditions in children aged 0-18 years with Angelman syndrome
- **Dr Eman Mosaad:** Neuroinflammatory pathways as a therapeutic target for epilepsy treatment
- **Dr Natasha Reid:** Caregivers of children with FASD: Psychosocial factors and evidence for self-compassion as a potential intervention target

Friday 23rd October 12pm – 1pm

<https://uqz.zoom.us/j/7847235316>

Session chair: Dr Li Kheng Chai

- **Dr Jessica Hardt and Mr Brent Matautia:** *Healthier Homes:* Improving the health and wellbeing of Māori & Pacific Islander children and families via Good Start Facebook live (15min)
- **Dr Kurt Long:** Identification of household reservoirs and transmission pathways associated with *Shigella flexneri* diarrhea among children from the Mirzapur, Bangladesh site of the Global Enteric Multicenter Study (15 min)
- **Dr Ran Wang:** Targeting interleukin-22 to limit respiratory viral infections (5min)
- **Dr Olivia Holland:** Placental gene expression stress response in gestational diabetes (5min)

Digital poster:

- **Dr Hassendrini Peiris:** Prostaglandin and Prostanoid Concentrations in Amniotic Fluid of Women with Spontaneous Labor at Term with and without Clinical Chorioamnionitis
- *Award presentations to follow*

