

FMHS SUMMIT 2019: Final Programme

Presentations are in Room 501-010

Afternoon tea and post-event drinks and prize giving are in the atrium outside building 504

- 1.00pm – 1.40pm** **Prof Juliet Gerrard (*Guest speaker*)**
'If you can't be a good example, then you'll just have to be a horrible warning - lessons from a career in science'
- 1.40pm – 2.30pm** **Research Presentations Session I**
- 1.40pm-1.50pm Tet Woo Lee
'CRISPR/Cas9 knockout screens in xenograft models: Obstacles and opportunities'
- 1.50pm-2.00pm Caroline Walker
'Association between maternal depression symptoms and child telomere length: Evidence from Growing Up in New Zealand'
- 2.00pm-2.10pm Anassuya Ramachandran
'A New Mechanism of Receptor Activation to Induce SMAD1/5 Signalling'
- 2.10pm-2.20pm Kristi Biswas
'The microbiology of recurrent tonsillitis in children'
- 2.20pm-2.30pm Jacelyn Loh
'Development of a Strep A vaccine for the prevention of rheumatic fever'
- 2.30pm – 2.50pm** **Dr Helen Petousis-Harris (*Invited speaker*)**
'A tale of one vaccine, two diseases, and three lessons'
- 2.55pm – 3.20pm** **Afternoon tea (atrium)**
- 3.20pm – 4.00pm** **Prof Cather Simpson (*Guest speaker*)**
'From Lasers to Sperm – science impact isn't always predictable'
- 4.00pm – 4.40pm** **Research Presentations Session II**
- 4.00pm-4.10pm Annette Lasham

- 4.10pm-4.20pm *Fiona Radcliff*
'Multiplex long amplicon digital PCR to quantitate alternatively-spliced RNAs, applied to the TP53 locus'
- 4.20pm-4.30pm *William Schierding*
'PilVax, A novel approach for generating mucosal responses to Staphylococcus aureus'
- 4.30pm-4.40pm *William Schierding*
'The GBA centred gene regulatory network: An Atlas of Variant Contributions to Parkinson's disease'
- 4.30pm-4.40pm *Matthew Moore*
'Implementation of the WHO Surgical Safety Checklist is associated with more days alive and out of hospital: a retrospective study using a national administrative database'

4.45pm – 5.10pm Elevator pitches: 7x 3 min talks

1. Brett Wagner Mackenzie: The peaks and perils of sequencing the sinonasal microbiome
2. Tomoko Aoyama: Age at onset of independent walking predict objectively measured sedentary behavior in primary school children
3. Rebecca Pullon: Granger causality shows potential for predicting regain of responsiveness during general anaesthesia
4. Catherine Tsai: PilVax – A novel peptide delivery platform for mucosal vaccination based on Group A Streptococcus pili
5. Haruna Suzuki-Kerr: Hear, hear! Round window membrane as the target for drug delivery to the inner ear
6. Sandy Lau: Placental extracellular vesicles and preeclampsia
7. Alex Muntz: Improved Demodex diagnosis in the clinical setting using a novel in situ technique

5.15pm – 6.00pm Drinks and prize giving (atrium)