



## **ASM 2014 – Monday 15<sup>th</sup> September Cross Theme Speed Talks Session**

**Chair: Dr Annette MacLeod**

### **Virology**

- I. **Dr Ingrid Peterson** - *Paediatric severe acute respiratory infection (SARI) in Blantyre, Malawi - a setting with a high prevalence of HIV, malnutrition and malaria*
- II. **Dr Catriona Waitt** - *Understanding the Pharmacokinetics of First-Line Antiretrovirals in Breastfeeding Mother-Infant Pairs*
- III. **Dr Gugulethu Newton Mapurisa** - *The profile of disease burden in adult HIV positive admissions in a tertiary institution; a decade after ART rollout in Malawi.*
- IV. **Dr Sarah Heath** - *Identification of the radiographic features associated with poor prognosis in adults admitted with lower respiratory tract infection, in an area of high HIV-seroprevalence.*

### **Parasitology**

- I. **Dr Valentina Barrera** - *Clinicopathological Correlates in Retina and Brain from Malawian Children with Fatal Cerebral Malaria*
- II. **Dr Yalin Zheng** - *Quantification of capillary non-perfusion in malarial retinopathy and relationship with clinical outcome*

### **Non Communicable Diseases**

- I. **Dr Christine Kiire** - *The effectiveness of laser treatment for diabetic retinopathy in Malawi: towards developing a systematic service*
- II. **Dr Gabriella Czanner** - *Spatial Analysis of Haemorrhage in Fluorescein Angiography Images for Malarial Retinopathy*

### **Inflammation & Immunology**

- I. **Dr Hannah Brindle** - *The effect of time, local endemicity and previous exposure to dengue virus on the immune response to Japanese encephalitis virus following vaccination in Nepal*

### **Bacterial Infections**

- I. **Laura Bricio Moreno** - *Characterisation of nasopharyngeal carriage patterns by African *Streptococcus pneumoniae* serotype-1 isolates*
  - II. **Dr Anmol Kiran** - *Population genetics of a Group A *Streptococcus* outbreak in a Liverpool Population*
  - III. **Conor Proud** - *Assessing the importance of *Streptococcus mitis* and *S. oralis* for the development of antibiotic resistance in Malawian pneumococci*
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- I. **Professor Brian Faragher** - *The tCTU at LSTM – its role and purpose*