INFECTIONOUS DISEASES RESEARCH SYMPOSIUM
HOSTED BY BURNET INSTITUTE

PROGRAM

9:00am  
Professor Brendan Crabb AC, Burnet Institute  
Welcome address

Session One – Strategies for the prevention of disease  
Chairs: Dr Clovis Palmer and Dr Sarah Charnaud

9:05am  
Professor Alan Landay, Rush University Medical Center  
HIV and the microbiome: Lessons learned for therapeutic approaches

9:30am  
Associate Professor Edwina Wright, Alfred Health and Burnet Institute  
Shapeshifting: The science and practice of HIV prevention

9:50am  
Dr Andy Poumbourios, Burnet Institute  
Vaccines for variable viral pathogens: Obstacles and advances

10:10am  
Professor Steve Graham, University of Melbourne and Burnet Institute  
Preventive therapy for TB: A post-2015 priority?

10:30am  
Morning Tea

Session Two – Translation into the clinic and community  
Chairs: Dr Samantha Brandler and Dr Herbert Opi

11:00am  
Associate Professor Mark Stoové, Burnet Institute  
New technologies and prevention innovation for HIV: The crucial role of integrated biomedical, clinical and public health field research

11:20am  
Associate Professor David Anderson, Burnet Institute  
Pushing the boundaries in point of care testing for resource-limited settings

11:40am  
Dr Minh Duc Pham, Burnet Institute  
Point-of-care CD4 testing in low-and-middle income countries: Current and future perspectives

12:00pm  
Dr Nick Scott, Burnet Institute  
Modelling the combined impact of vaccines and antivirals on hepatitis C prevalence
12:25pm  Lunch

**Session Three – The pathway to curing disease**  
*Chairs:* Dr Cath Latham and Dr Ben Dickerman

1:25pm  **Dr Marc Pellegrini, Walter and Eliza Hall Institute**  
The bridge from preclinical models to clinical trials

1:50pm  **Professor Guy Marks, University of Sydney**  
TB control: Case-finding and cure

2:15pm  **Dr Lachlan Gray, Burnet Institute**  
HIV infection of the central nervous system

2:35pm  **Dr Alex Thompson, University of Melbourne**  
HCV, new drugs and what the future may hold

3:00pm  **Afternoon Tea**

**Session Four – Overcoming resistance**  
*Chairs:* Dr David Harrison and Dr Jacqueline Flynn

3:30pm  **Professor Leann Tilley, University of Melbourne**  
How artemisinins attack and how *P. falciparum* fights back

3:55pm  **Dr Bridget Barber, Menzies School of Health Research and Burnet Institute**  
*Plasmodium knowlesi*: Update on an emerging infection

4:20pm  **Associate Professor Gilda Tachedjian, Burnet Institute**  
Discovering new inhibitors for HIV treatment and prevention

4:40pm  **Dr Suman Majumdar, Burnet Institute**  
Tuberculosis drug-resistance: Drivers, dilemmas and future directions

5:00pm  **Professor James Beeson, Burnet Institute**  
Closing message