

INFECTIOUS 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 Poubourios, 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

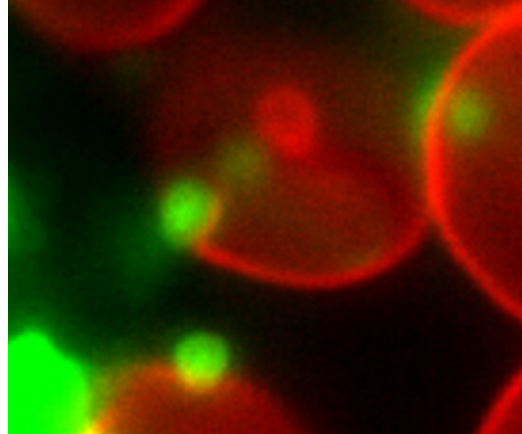
Chairs: Dr Samantha Brandler and Dr Herbert Opi

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