

VIEW TO THE FUTURE FOR PUBLIC HEALTH AND PERSONALISED INFECTIOUS DISEASE CARE SYMPOSIUM

Tuesday 21 May 2019, 8:30 – 17:15

Auditorium, The Peter Doherty Institute for Infection and Immunity
792 Elizabeth Street, Melbourne VIC 3000

PROGRAM

8:30 – 8:50	Registration	
8:50 – 9:00	Welcome and introduction	Prof Ben Howden
Session 1: Genomics for infection control		Chair: Prof Ben Howden
9:00 – 9:40	Keynote 1: Time to move on from 150 years of shoe leather epidemiology for hospital outbreak detection	Prof Sharon Peacock
9:40 – 10:00	Melbourne Genomics Health Alliance Superbugs project	Dr Norelle Sherry
10:00 – 10:20	Queensland Genomics Health Alliance Superbugs project	Prof David Paterson
10:20 – 10:40	A clinician's perspective on genomics for infection prevention and control	A/Prof Rhonda Stuart
10:40 – 11:10	Morning tea	
Session 2: Advances in public health genomics		Chair: Dr Louise Cooley
11:10 – 11:30	Genomics and AMR in the community	A/Prof Deborah Williamson
11:30 – 11:50	Targeting the source of <i>Campylobacter</i>	Prof Martyn Kirk
11:50 – 12:10	Cross-sectoral genomics for One Health	Prof Steven Djordjevic
12:10 – 12:30	AusTrakka and rapid data sharing nationally and internationally	A/Prof Torsten Seemann
12:30 – 13:15	Lunch	
Session 3: Clinical and public health metagenomics		Chair: Prof Tim Stinear
13:15 – 13:55	Keynote 2: Meta-transcriptomics as a diagnostic tool	Prof Edward Holmes
13:55 – 14:15	Genomics and metagenomics of TB diagnostics	Prof Vitali Sintchenko
14:15 – 14:35	Real world applications	Dr Amy Jennison
14:35 – 14:55	Clinicians perspective on emerging diagnostic technologies	Prof Anton Peleg
14:55 – 15:25	Afternoon tea	
Session 4: Microbiome and personalised care		Chair: Prof Monica Slavin
15:25 – 16:05	Keynote 3: Impact of microbiome research on patient directed therapies	Prof Rob Knight
16:05 – 16:25	Microbiome and the immune system	Prof Fabienne Mackay
16:25 – 16:45	AMR and the microbiome	Dr Sam Forster
16:45 – 17:05	Virome detection utilising viral capture to obtain unbiased viral population data in pathogenesis studies of T1DM	Prof William Rawlinson
17:05 – 17:15	Conclusion and thanks	
17:15	Close	