

HERSTON INFECTIOUS DISEASES INSTITUTE

Clinical Metagenomics Workshop

Date: Friday 8th November 2024, 9:30am – 2:45pm

Location: ES Meyers Lecture Theatre, Mayne Medical School, 228 Herston Road, Herston and Virtual

Register now via [Humanitix](#)

Time	Session	Presenter
9.30am	Acknowledgement of Country and Welcome	Associate Professor Krispin Hajkovicz, Senior Staff Specialist, Infectious Diseases, Royal Brisbane and Women's Hospital and HeIDI
9:40am – 10:30am		Professor Jonathan Edgeworth, VP Medical Affairs, Oxford Nanopore Technologies and Professor of Clinical Infectious Diseases, King's College London
10:30am - 10:50am	Target Enrichment versus Shotgun Approaches to Metagenomics – Practical Considerations	Dr Kym Lowry, Postdoctoral Research Fellow, UQ Centre for Clinical Research
10:50am – 11:10am	Metagenomic Sequencing for Detection and Characterisation of Bacteria from Blood – Enrichment or Shotgun Approach?	Dr Chitra Ravi, Postdoctoral Research Fellow, UQ Centre for Clinical Research
11:10am – 11:15am	Question Time	
11:15pm – 12:15pm	Lunch	
12:15pm – 12:50pm	Bioinformatics and Processing	Dr John-Sebastian Eden, Research Scientist in Bioinformatics and Genomics, Westmead Institute for Medical Research & The University of Sydney
12:50pm – 1:10pm	MetaGP Program	Anna Sai, Genomic Scientist, Forensic and Scientific Services, Queensland Health and Mitchell Sullivan, Bioinformatics Analyst, Forensic and Scientific Services, Queensland Health
1:10pm – 1:30pm	Beyond the Bugs – Analysis of the Host Transcriptome/Multi-omics for Clinical Diagnosis of Infection	Dr Ryan Farr, Senior Research Scientist, CSIRO Australian Centre for Disease Preparedness
1:30pm – 1:50pm	Validation – Bringing Test from Research to Clinical Domain	Dr Michael Thomas, Central Director Microbiology, Pathology Queensland
1:50pm – 2:10pm	Commercialising Metagenomic Assays – Microba's Experience	Associate Professor Lutz Krause, Chief Scientific Officer, Microba
2:10pm – 2:40pm	Debate	
2:40pm – 2:45pm	Closing Remarks	Associate Professor Krispin Hajkovicz, Senior Staff Specialist, Infectious Diseases, Royal Brisbane and Women's Hospital and HeIDI
2:45pm	Close	