

# HERSTON INFECTIOUS DISEASES INSTITUTE

## 2024 HeIDI Annual Forum

**Date:** Thursday 7<sup>th</sup> November 2024, 11am – 5:20pm

**Location:** Auditorium, Education Centre, Royal Brisbane and Women's Hospital and Virtual

Register now via [Humanitix](#)

### Session One – Trials

*Chair: Prof Jason Roberts, Interim Director HeIDI and Director, UQCCR*

11:00am – 11:10am	<b>Acknowledgement of Country and Welcome</b>	Prof Jason Roberts, Interim Director HeIDI and Director, UQCCR
11:10am – 11:20am	<b>Consumer Perspective – The Human Story of Participating in an Infectious Diseases Clinical Trial</b>	Colleen Wynn, Consumer
11:20am – 11:50am	<b>Keynote Presentation: Why Placebo Controlled Randomized Trials are Vital to Save Lives during a Pandemic</b>	Prof Andre Kalil, Professor of Medicine, University of Nebraska Medical Center, Omaha, Nebraska, USA
11:50am – 12:10pm	<b>RCTs and Infection Prevention in Intravascular Catheters</b>	Prof Claire Rickard, HeIDI and UQ Nursing, NHMRC Leadership Investigator, UQCCR
12:10pm – 12:30pm	<b>Treat GNB and Adaptive Platform Trials</b>	Dr Patrick Harris, Infectious Disease Physician, Medical Microbiologist and NHMRC Early Career Research Fellow, UQ Centre for Clinical Research

12:30pm –  
1:30pm *Lunch*

### Concurrent Sessions

#### Antimicrobial Stewardship

*Chair: Dr Sabrina Oishi, Project Manager AMR/ASM, HeIDI*

1:30pm – 1:35pm	<b>Opening comments</b>
1:35pm – 1:45pm	<b>Tuberculosis TDM and rollout</b> Dr Andrew Burke, Infectious Disease and Thoracic Physician, The Prince Charles Hospital
1:45pm – 2:05pm	<b>Antimicrobial Resistance – A One Health Approach</b> Prof Ricardo Soares Magalhães – Analytics Program Lead, SAAFE CRC

#### Healthcare Acquired Infection and Digital Innovation

*Chair: Dr Brian Forde, Senior Research Fellow, Institute for Molecular Bioscience*

1:30pm – 1:35pm	<b>Opening comments</b>
1:35pm – 1:55pm	<b>Learning Health Systems</b> Dr Jason Brown, Chief Digital Health Officer, Metro North Health
1:55pm – 2:05pm	<b>Healthcare Associated Infection Surveillance and Future Directions</b> Dr Sally Havers, Nurse Researcher - Infection Data Connectivity, HeIDI

## Concurrent Sessions

### Antimicrobial Stewardship

*Chair: Dr Sabrina Oishi, Project Manager AMR/ASM, HeIDI*

2:05pm – **Bacterial Infections in Cancer Patients**  
2:25pm  
Dr Aleece MacPhail, Infectious Diseases Physician, Monash Health

2:25pm – **DoseMe**  
2:35pm  
Nicholas Ah Yui, Pharmacist, Redcliffe Hospital

2:35pm – **Antimicrobial Dosing in Obesity – General Principles**  
2:55pm  
Dr Cathrine McKenzie, Associate Professor in Critical Care Pharmacology, School of Clinical and Experimental Sciences, Faculty of Medicine, University of Southampton, and Honorary Consultant Pharmacist in Critical Care, Pharmacy and Critical Care, University Hospital Southampton NHS Foundation Trust

2:55pm – *Break*  
3:30pm

### Healthcare Acquired Infection and Digital Innovation

*Chair: Dr Brian Forde, Senior Research Fellow, Institute for Molecular Bioscience*

2:05pm – **Bioinformatic Pipeline for Infectious Diseases Genomic and Metagenomic Data**  
2:25pm  
Dr John-Sebastian Eden, Research Scientist in Bioinformatics and Genomics, Westmead Institute for Medical Research & The University of Sydney

2:25pm – **Infectious Diseases Modelling**  
2:35pm  
Prof Emma McBryde, Professor of Infectious Diseases Modelling and Epidemiology, James Cook University

2:35pm – **CLABSI Prediction Model**  
2:45pm  
Dr Jessica Schults, Senior Research Fellow, School of Nursing, Midwifery and Social Work, UQ and HeIDI

2:45pm – **Pragmatic – Data for Personalised Treatment**  
2:55pm  
Dr Midori Nakagaki, Pharmacy Fellow, HeIDI

### Session Three – Diagnostics

*Chair: Assoc Prof Krispin Hajkovicz, Senior Staff Specialist, Infectious Diseases, Royal Brisbane and Women's Hospital and HeIDI*

3:30pm – **Evaluating Respiratory Metagenomics for Intensive Care and Public Health Surveillance**  
4:00pm  
Prof Jonathan Edgeworth, VP Medical Affairs, Oxford Nanopore Technologies and Professor of Clinical Infectious Diseases, King's College London

4:00pm – **Metagenomic Diagnosis of Respiratory Tract and Pleural Infections – Performance and Pitfalls**  
4:15pm  
Dr Timothy Baird, Respiratory Physician, Sunshine Coast University Hospital

4:15pm – **Human Faecal Microbiome in Health and Disease**  
4:30pm  
Dr Tess Evans, Honorary Research Fellow, UQ Centre for Clinical Research

4:30pm – **Metagenomic Novel Diagnostics for Bloodstream Infection in Febrile Neutropenia**  
4:45pm  
Dr Anna Peri, Medical Fellow, HeIDI

4:45pm – **Fireside Chat – Approaches to Prevention of Vascular Access Related Infections**  
5:15pm  
*Moderator: Prof Claire Rickard, HeIDI and UQ Nursing, NHMRC Leadership Investigator, UQCCR*  
*Guests:*  
Dr Sally Havers, Nurse Researcher - Infection Data Connectivity, HeIDI  
Dr Aleece MacPhail, Infectious Diseases Physician, Monash Health  
Dr Kate McCarthy, Infectious Diseases Physician, Royal Brisbane and Women's Hospital

5:15pm – **Closing Remarks**  
5:20pm  
Professor Jason Roberts, Interim Director, HeIDI

5:20pm **Close**