



HERSTON HEALTH PRECINCT SYMPOSIUM 2021

6 - 10 September 2021

Education Centre

Royal Brisbane and Women's Hospital

Research Showcase: Oral Presentations Program

Tuesday 7 September, 9.30am – 10.30am

Translational Research Session

Chair: Prof Fiona Coyer (QUT)

Scientific Committee Representatives: Prof Theresa Green (UQ & STARS) and Dr Merrilyn Banks (Metro North)

Time	Presenter	Title
9:30am – 9:32am	Prof Fiona Coyer	Welcome
9:32am – 9:39am	Adrienne Young	Measuring value and outcomes in rehabilitation: development of a minimum dataset
9:39am – 9:46am	Mark Cruickshank	An evaluation of Emergency Physiotherapy Practitioner autonomous prescribing in the emergency departments of five Queensland hospitals
9:46am – 9:53am	Caitlin Low	Bringing Pain Home – Medication Labelling in a Modern World?
9:53am – 10:00am	Deanne August	Clinician acceptability of team planning for neonatal peripheral intravenous catheter insertion
10:00am – 10:07am	Michelle Cottrell	Sustaining telehealth services after initial response to COVID-19: Learning from patient and allied health profession experiences
10:07am – 10:14am	Rebecca Murray	Point-of-care manufacture of personalised medical devices at MNH – 3D anatomical models
10:14am – 10:21am	Son Nghiem	Electronic Therapeutic Guidelines (eTG): Compliance and outcomes in the management of heart failure across Queensland
10:21am – 10:28am	Nicole Marsh	Awareness of Peripheral Intravenous Catheters among Nurses and Physicians
10:28am – 10:30am	Prof Fiona Coyer	Closing Remarks



HERSTON
HEALTH PRECINCT

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Wednesday 8 September, 9am – 10.30am

Clinical Research Session

Chair: Dr Merrilyn Banks (Metro North)

Scientific Committee Representatives: Prof Fiona Coyer (QUT) and Prof Julia Crilly (Griffith University)

Time	Presenter	Title
9:00am – 9:02am	Dr Merrilyn Banks	Welcome
9:02am – 9:09am	Nicole Marsh	Managing intravenous devices among patients with limited vascular access or prolonged therapy: a pilot randomised control trial
9:09am – 9:16am	Bridget Barber	A first in human study to investigate the safety, pharmacokinetics and antimalarial activity of ZY-19489 in healthy volunteers inoculated with blood-stage Plasmodium falciparum.
9:16am – 9:23am	Amanda Corley	Risk factors for central venous access device failure: a multivariable analysis of 1893 catheters.
9:23am – 9:30am	Brett Parfitt	Single Breath Count Test (SBCT) for the assessment of pulmonary function in patients with chest trauma
9:30am – 9:37am	Chariclia Paradissis	Medication harm causing unplanned hospital presentation or admission after Acute Myocardial Infarction
9:37am – 9:44am	Nathan Brown	CT Brain Scan Utilisation in Patients with a Headache presenting to EDs across Australia and New Zealand
9:44am – 9:51am	Claire Rickard	Integrated versus nOn-integrated Peripheral inTravenous catheter in hospitalised adults (OPTIMUM) study: A randomized controlled trial.
9:51am – 9:58am	Lucía Colodro-Conde	Depression and anxiety symptoms in the first months of the COVID-19 pandemic in Queensland
9:58am – 10:05am	Adrienne Young	Development of a new tool to monitor and identify inadequate oral intake in hospital
10:05am – 10:12am	Jacob Tickner	Enhancing individualised treatment for Mycoplasma genitalium infection
10:12am – 10:19am	Jed Fraser	The effectiveness of Indigenous youth health assessments: A narrative systematic review
10:19am – 10:26am	Emma Sweeney	Two Treponema pallidum strains account for the majority of Syphilis infections, including among females, in Queensland: the need for targeted interventions?
10:26am – 10:28am	Dr Merrilyn Banks	Closing Remarks



Thursday 9 September, 9am – 10.30am

Discovery and Innovation Session

Chair: Prof Julia Crilly (Griffith University)

Scientific Committee Representatives: A/Prof Severine Navarro (QIMR Berghofer) and Dr Merrilyn Banks (Metro North)

Time	Presenter	Title
9:00am – 9:02am	Prof Julia Crilly	Welcome
9:02am – 9:09am	Anthony White	Advanced patient-derived microglia assay for pre-clinical, and clinical trial, drug evaluation
9:09am – 9:16am	Laura Daly	PEP talk: a case report on a custom positive expiratory pressure adaptor using 3D printing
9:16am – 9:23am	Paul Chapman	Vaccination of human subjects with attenuated <i>Necator americanus</i> hookworm larvae: a randomised, placebo controlled phase 1 trial
9:23am – 9:30am	Purba Nag	MALADPTIVE REPAIR IN CHRONIC KIDNEY DISEASE (CKD)
9:30am – 9:37am	David Forrestal	State of the Art in Personalised Device Manufacturing
9:37am – 9:44am	Ashish Wadhawan	Exploring the feasibility of using deep learning and Artificial Intelligence for OA type distal radius fracture classification
9:44am – 9:51am	Aaron Coox	Developing a Virtual Reality Rehabilitation System with Hand Tracking
9:51am – 9:58am	Anthony White	New human blood-brain barrier cell culture approach for improved modelling of brain drug delivery
9:58am – 10:05am	Keisuke Tanaka	Effect of genetic variants on gene expression of the endocannabinoid system among women with and without endometriosis
10:05am – 10:12am	Abdulrahman Ayfan	Detecting antibiotic resistance with instrument-free prototype tests
10:12am – 10:19am	Kym Lowry	Understanding a Surge in Respiratory Viruses Despite Physical Distancing Using Genetic Surveillance
10:19am – 10:26am	Lyndsay Fowles	Supporting Mainstreaming of Genomic Testing in Renal Medicine through Development of Decision Aids
10:26am – 10:28am	Prof Julia Crilly	Closing Remarks