

# UQ Medical Student Research Conference & Showcase

*Presented by the UQ Medical Society, the Ochsner Medical Student Association, and the Office of Medical Education*

**Date:** Wednesday, 09 October 2019  
**Time:** 12.30pm – 5.00pm  
**Venue:** Auditorium, UQ Centre for Clinical Research (UQCCR)

Time	Topic	Speaker
12:30pm – 1:30pm	<b>Lunch, Poster viewing and judging</b>	
1:30pm – 1:45pm	Opening remarks	<b>Professor Stuart Carney</b>
1:45pm – 2:00pm	A Multicenter Retrospective Investigation into Effect of Extra-corporeal Membrane Oxygenation on Leukocyte Fate in Adults	<b>Teresa Liew</b>
2:00pm – 2:15pm	Increased utilization of constraint in total knee arthroplasty following ACL and multiligament knee reconstruction	<b>Sava Turcan (OCS)</b>
2:15pm – 2:30pm	Endoscopically resected colorectal polyps $\leq 10$ mm are not always innocuous: caution against a routine discard policy	<b>Grace Boyd</b>
2:30pm – 2:45pm	Negative pressure wound therapy for small-to-medium-sized paediatric thermal burns	<b>Cody Frear</b>
2:45pm – 3:00pm	Preclinical development of methionyl-tRNA synthetase inhibitors as novel antibiotics against gram-positive bacteria	<b>Omeed Faghieh (OCS)</b>
3:00pm – 3:30pm	<b>Afternoon tea and Poster viewing</b>	
3:30pm – 3:45pm	Factors influencing physicians' risk estimates for acute cardiac events in patients with suspected acute coronary syndrome	<b>Nicolas Sieben</b>
3:45pm – 4:00pm	The Management of Out of Hospital Cardiac Arrest (OHCA) Patients in the Princess Alexandra Hospital ED	<b>Emma Morton</b>
4:00pm – 4:15pm	Pill-Packing Intervention - Health Outcomes High-Risk Patients	<b>George Simchun Yeung (OCS)</b>
4:15pm - 4:20pm	<b>People's Choice Award vote via: <a href="http://bit.ly/uqmd19">bit.ly/uqmd19</a></b>	
4:20pm – 4:50pm	<b>Keynote Presentation</b>	<b>Dr Michael Wagels</b>
4:50pm – 5:00pm	Awards & closing remarks	<b>Professor Stuart Carney</b>

## Thank you to our supporters

QIMR Berghofer Medical Research Institute, Translational Research Institute, Queensland Brain Institute, The University of Queensland Faculty of Medicine: UQ Centre for Clinical Research, Child Health Research Centre, UQ Diamantina Institute, Mater Research Institute



Poster #	Name	Poster Title
1	<b>Danielle Cha</b>	Parsing Metabolic Heterogeneity in Mood Disorders: A Hypothesis-Driven Cluster Analysis of Glucose and Insulin Abnormalities
2	<b>Sarah Chisholm (ocs)</b>	The effects of lesion-associated staphylococcus aureus on human keratinocytes cytokine induction and squamous cell carcinoma progression.
3	<b>Caleb Chu (ocs)</b>	Radiographic Assessment of Sarcopenia in the Acute Care Setting: A Systematic Review
4	<b>Ian Doig (ocs)</b>	The effect of day of admission and surgeon experience on hip fracture outcomes tracked one year post-operatively
5	<b>Alisha D'Souza</b>	Postnatal growth and neurodevelopmental outcomes in preterm infants
6	<b>Nordan Flaaten</b>	Patient Outcomes in Neck of Femur Fractures between Consultants and Trainees
7	<b>Tonchanok Intaprasert</b>	Do geriatric hip fractures with operative delay, display worst post-operative outcomes when stratified based on ASA scores? A retrospective study
8	<b>Andrew Jiang</b>	Rescheduling decreases codeine-related presentations to a clinical toxicology unit.
9	<b>Stanimira Kartolova (ocs)</b>	Using the ieMR to compare presenting complaint, ED diagnosis and in patient diagnosis
10	<b>Emily Kelsoe (ocs)</b>	Incidence of adherence to osteoporosis medication following fragility hip fractures and associated outcomes
11	<b>Yun-Hsuan (Stellina) Lee</b>	A mechanism for ketamine in treatment-resistant depression?
12	<b>Shamima Mohamed Ansari</b>	A pilot Aquatic Exercise Program to improve the health and well-being of people with dementia and their family carers
13	<b>James O'Leary (ocs)</b>	Emergency Intraoperative Vascular Surgery Consultations at a Tertiary Center
14	<b>Jared Ong (ocs)</b>	N-of-1 trials of melatonin for insomnia in stimulant-treated children with ADHD
15	<b>Shrida Sahadevan</b>	The diagnostic accuracy and utility of the Ages & Stages Questionnaires: Social-Emotional screen in children born very preterm
16	<b>Angela (Jaewon) Choi</b>	Systematic review: Sarcopenia as a prognostic factor in gynecological malignancy
17	<b>Andrew Su</b>	Deep Learning Model for Automated Cancer Classification based on Image data and Molecular Markers
18	<b>Sindusa Wignarajan</b>	Major Trauma Response in the ED Resus at the Princess Alexandra Hospital
19	<b>Chloe Yap</b>	Connecting comorbidities with brain-gut-microbiome-stress axis biology in autism spectrum disorder: a review
20	<b>Isabel Yoon (ocs)</b>	The Role of Fatigue in Functional Outcomes for Youth with Chronic Pain

## Thank you to all our reviewers and judges

### Abstract reviewers

**Peter Simpson**, UQCCR; **Graham Leggatt**, UQ Diamantina Institute (UQDI) ; **Paul Dawson**, Mater Research Institute (MRI); **Alka Kothari**, Faculty of Medicine (FoM) & Ob-Gyn Redcliffe Hospital; **Rob Eley** FoM; **Megan Steele**, FoM; **Remo Ostini**, FoM Rural Clinical School

### Oral presentation judges

**Amy Johnston**, FoM ED, PA Hospital and School of Nursing & Midwifery  
**Paul Dawson**, Mater Research Institute

### Poster presentation judges

**Aideen McInerney-Leo**, **Giorgia Mori**, **Natale Snape** - UQDI  
**Julie Wixey**, **Priyakshi Kalita de Croft** – UQCCR  
**Anuj Sehgal**, **Kavita Bisht**, **Michaela Kindlova** – MRI  
**Marjan Mojtabavi Naeini**, **Claudia Bruedigam** – QIMR Berghofer