

2023 CCS Three-Minute Competition

Date 23-May-2023 (Tues)

Time 1 – 2:15pm

Venue Lecture Theatre, Level 5, Alfred Centre



Shannen Walker

Using novel mouse models to identify therapeutic pathways to treat mitochondrial dysfunction

Supervisors: A/Prof Brian Drew, Dr Stuart McDonald

(Baker)

Roxane Dilcher

Illuminating rare neurodegenerative diseases

Supervisors: Dr Lucy Vivash, Prof Terence O'Brien, Dr Charles Malpas, Dr Denis Velakoulis

(Neuroscience)



Pavika Thevar

Understanding mood and cognition: a neuropsychological intervention for the treatment of migraine in MS

Supervisors: Dr Elspeth Hutton, Dr Alissandra Mcilroy, Dr Dana Wong



Tyrone Chen

Using power of multiomics signatures for early detection of sepsis

Supervisors: Dr Sonika Tyagi, Prof Anton Peleg

(Infectious Diseases)



Thomas Collins

Exploring how cardiometabolic disease impacts the immune cell lipidome

Supervisors: Prof Andrew Murphy and Dr Graeme Lancaster

Katherine Kenyon

Decoding the language of multiple sclerosis: a functional and diffusion MRI study

Supervisors: A/Prof Anneke Van Der Walt, Dr Scott Kolbe, Dr Adam Vogel, Dr Frederique Boonstra and Dr Gustavo Noffs
(Neuroscience)



Siqi Li

Detecting blood clots by Magnetic Particle Imaging

Supervisors: Dr Karen Alt and A/Prof Christoph Hagemeyer

(ACBD)

Key dates

Faculty 3MT (Live) - Week of 21 Jun (date TBC)
Monash Uni Final (Live) - Week of 21 Aug (date TBC)
announced - 18 Oct

Asia-Pacific Semi-Final (Virtual) - 25 Sep
Asia-Pacific Final (Virtual) - winners