

Wednesday, September 29th, 2021

AHMS G030 Lecture Theatre 1

**NEW University of Adelaide Health & Medical School (AHMS)
West End, North Tce (next to SAHMRI)**



RESEARCH UPDATE



Research Presentations 11.00am Everyone Welcome

Hear about the life-saving research your donations are funding!

See over for more details:

1. **Traumatic Brain & Spinal Cord Injury:** Keziah Skein PhD Candidate
2. **Traumatic Brain Injury:** Justin Kreig PhD Candidate
3. **Traumatic Brain Injury:** Ms Lola Kaukas Research Officer
4. **Parkinson's research:** Brittany Child PhD Candidate

A light lunch and refreshments will be served

RSVP Essential due to COVID-19 restrictions

Phone: 8371 0771, Email: ginta.orchard@nrf.com.au

Or book online at www.nrf.com.au



RESEARCH PRESENTATIONS



KEZIAH SKEIN PhD Candidate | B.Hlth & Med Sc (Hons)
TRAUMATIC BRAIN & SPINAL CORD INJURY RESEARCH

Translational Neuropathology Laboratory, Adelaide Medical School

My research will focus on characterising the inflammatory response after concomitant Traumatic Brain Injury/Spinal Cord Injury, and then identifying whether this response is predictive of the later development of neuropathic pain.



JUSTIN KRIEG PhD Candidate | B. HMS (Hons)
TRAUMATIC BRAIN INJURY RESEARCH

Adelaide Medical School, University of Adelaide

Traumatic brain injuries can lead to persistent emotional, behavioural, and cognitive symptoms. Damage to axons, long thread like structures that transmit information between neurons, may underlie these symptoms. My project investigates how axonal injury evolves over time and the different types of damage axons may incur. I'll also determine whether axonal damage is different in children versus adults. This will allow identification of novel treatments which may depend on age at injury.



MS LOLA KAUKAS Research Officer
TRAUMATIC BRAIN INJURY RESEARCH

Department of Neurosurgery, Royal Adelaide Hospital

One large focus of my work has been a collaboration between the Department of Neurosurgery and the Trauma Service investigating the role of Rotational Thromboelastometry (ROTEM) blood test in the management of Traumatic Brain Injury (TBI). ROTEM blood tests are an advanced, point-of-care method of detecting abnormalities in the blood's ability to clot, also known as coagulopathy. These tests provide rapid bedside results that facilitate speedy intervention and may provide clues to how someone may recover following a TBI.



BRITTANY CHILD PhD Candidate
PARKINSON'S RESEARCH

School of Psychology, Faculty of Health and Medical Sciences, University of Adelaide

Our ongoing research involves undertaking extensive cognitive testing with Parkinson's patients both on and off medication, with the goal of identifying which aspects of cognitive function are either improved or worsened by current drug treatments. In addition, our research seeks to explore whether different patterns of motor dysfunction in Parkinson's disease co-occur with - and predict - specific patterns of cognitive decline.