



AUSTRALASIAN CHRONOBIOLOGY SOCIETY

**15th Annual Scientific Meeting
October 16th 2018**

PROGRAM



Monash Institute of
Cognitive and Clinical
Neurosciences



Arrival tea and coffee: 8:45 am

MORNING SESSION: 9:15 AM – 11:00 AM

Ian Hickie <i>University of Sydney</i>	Circadian-based mood disorders: Progress in pathophysiology and potential for new treatments
Andrew Zele <i>Queensland University of Technology</i>	Melanopsin photoreception in humans
Dimitri Perrin <i>Queensland University of Technology</i>	Advances in gene editing and tissue clearing, and applications to chronobiology
Andrew Phillips <i>Monash University</i>	Characterising inter-individual differences in circadian light sensitivity

Morning Tea: 11:00 am – 11:25 am

LATE MORNING SESSION: 11:25 AM – 12:50 PM

Greg Willis <i>The Bronowski Institute</i>	Bright light therapy in the treatment of the primary motor and non-motor symptoms of parkinson's disease: A controlled trial implementing a unique paradigm
Arthur Millius <i>RIKEN</i>	Understanding circadian translation and upstream open reading frames (uORFs)
Oliver Rawashdeh <i>University of Queensland</i>	The relationship between endogenous melatonin and sleep in nocturnal mice
Michael Wing <i>University of Queensland</i>	Periconceptual alcohol exposure results in sex-specific alterations to circadian rhythms of blood glucose, plasma corticosterone and hepatic circadian gene expression in rat offspring
Chris Hall <i>University of Auckland</i>	Circadian regulation of neutrophil bactericidal activity

Lunch: 12:50 pm – 1:35 pm

AFTERNOON SESSION: 1:35 PM – 3:05 PM

Sean Cain <i>Monash University</i>	Light, circadian rhythms and depression
Ben Bullock <i>Swinburne University</i>	Retinal light sensitivity and neurobehavioural traits associated with hypomania and depression
YuSun Bin <i>University of Sydney</i>	Non-pharmacological interventions for jetlag: A systematic review
Julia Stone <i>Monash University</i>	Predicting circadian phase in rotating shift workers using a limit-cycle-oscillator model
Jessy Manousakis <i>Monash University</i>	Circadian timing outcomes in older adults with subjective cognitive decline – evidence for therapeutic intervention
Candice Wen <i>University of Melbourne</i>	Airline cabin crew: Assessing the incidence of tiredness and shiftwork disorder
Andrew Reiter <i>Appleton Institute</i>	Finger twitches during stages of sleep
Michelle Coleman <i>Monash University</i>	Eveningness is associated with greater subjective cognitive impairment in unipolar depression

Afternoon tea: 3:05 pm – 3:30 pm

LATE AFTERNOON SESSION: 3:30 PM – 5:00 PM

Elise McGlashan <i>Monash University</i>	Imaging individual differences in the response of the human suprachiasmatic nucleus area to light
Angus Burns <i>Monash University</i>	Association of outdoor light exposure with circadian, sleep and mood traits in the UK Biobank
Alma Orts-Sebastian <i>University of Auckland</i>	The effect of general anaesthesia and general anaesthesia plus light on circadian rhythms of locomotor activity in mice
Peter Rankin <i>University of Queensland</i>	Actigraphy-based estimates of sleep duration in young children with and without a sleep log are comparable
Grace Goh <i>University of Western Australia</i>	Investigating the impact of diet-induced changes in the rhythm of core body temperature in central and peripheral clocks
Nicholas Garner <i>University of Queensland</i>	Looking upstream of the clock: The acute impact of desynchronization on kinase activity
Parisa Vidafar <i>Monash University</i>	Greater circadian sensitivity to moderate and bright light in women
Wahaj Khan <i>RMIT</i>	The relationship between chronotype and sleep, mental health and wellbeing in paramedics
Pureum Kim <i>University of Queensland</i>	There is more to the clock gene Period than we know
Lauren Watson <i>Monash University</i>	Increased circadian light sensitivity in delayed sleep-wake phase disorder (DSWPD)
Rex Parsons <i>University of Queensland</i>	A method to statistically validate observed differences between circadian rhythms