

Neuroimmunology Australia Workshop – Brisbane – 21 June 2024

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Time	Speaker	Title of presentation
Session 1		
9:20 – 9:30 am	Welcome and introduction – Fabienne Brilot, President, NIA	
9:30 – 9:50 am	Jacqueline Orian	A role for perivascular astrocytes in the early trafficking of platelets across the blood brain barrier during neuroinflammation
9:50 – 10:10 am	Alessandro Castorina	Pro-remyelinating properties of the anti-convulsant Valproic acid in the cuprizone MS model
10:10 – 10:22 am	Caleb Wong Han	Transcriptional regulation governing Th17 cells in experimental CNS autoimmunity.
10:22 – 10:34 am	Rashmi Gamage	Impact of four COVID-19 vaccine boosters in people with MS: enhancing immune response and cross-variant protection
10:34 – 10:46 am	Romal Stewart	Exploring Brain Organoids as a Promising Model for Neuroinflammatory and Neurodegenerative Diseases
10:46 – 10:58 am	Jessica Hayes	Regulatory T cells are neuroprotective and facilitate DRG sensory neuron outgrowth.
10:58 – 11:10 am	Monokesh Sen	Sex Differences in a Mouse Model of Demyelination and Remyelination
11:00 – 11:30 am	Coffee Break and poster viewing	
Session 2		
11:30 am – 11:45 pm	Magdalena Lerch	More Efficient Complement Activation by Anti-Aquaporin-4 Compared With Anti-Myelin Oligodendrocyte Glycoprotein Antibodies
11:45 am – 12:00 pm	Susel Quinteros	Multi-dimensional analysis of MOGAD patients uncovers a unique autoimmune landscape
12:00 – 12:15 pm	Megan Monaghan	Understanding pathogenic Th17 cell recruitment to the inflamed nervous system
12:15 – 12:30 pm	Caitlin Finney	APOE genotype is associated with a brain and peripheral immune signature independent of cognitive status and AD pathology
12:30 – 12:45 pm	Rovin Verdillo	Interleukin-6 and interferon-alpha differentially regulate microglia function
12:45 – 1:05 pm	Tomas Kalincik	Comparative effectiveness of autologous haematopoietic stem cell transplantation and immune-reconstitution therapies in RRMS
1:05 – 2:00 pm	Lunch Break and poster viewing	

Session 3		
2:00 – 2:15 pm	Barney Viengkhou	Targeting centrally produced interferon-alpha to resolve brain disease
2:15 – 2:30 pm	Jinni Yan	The clinical utility of metabolomics in paediatric neurological disorders: from bench to bedside
2:30 – 2:45 pm	Kirat Chand	Neuroinflammation in fetal growth restricted newborns
2:35 – 3:00 pm	Sarah Alshammery	Toll-like receptor stimulation in neurodevelopmental disorders
3:00 – 3:15 pm	Morgan Bucknor	High fat diet consumption and social instability stress impair stress adaptation and maternal care in C57Bl/6 mice
3:15 – 3:30 pm	Eduardo Albornoz	Complement C5aR1 drives NLRP3 inflammasome mediated neuropathology in Parkinson's disease preclinical models
3:30 – 4:00 pm	Afternoon tea and award of prizes	
4:00 – 4:10 pm	Aakanksha Dixit	ECR: Early Career Researcher or End of Career in Research?
4:10 – 4:45 pm	Panel discussion and Q&A on careers in and out of academia	
4:45 pm	Conclusion of workshop	