

## PROGRAMME

8:30	<b>Breakfast</b>	
9:20	<b>Opening of workshop (Fabienne Brilot)</b>	
9:30	<b>Session 1</b>	Chair: Fabienne Brilot
9:30	Maryanne Carazas	Microglial gp130 activation mitigates acute and chronic neuronal deficits following ischemia-reperfusion injury in mice
9:45	Capucine Bianciotto	Dissecting the Role of CD169+ Macrophages in Traumatic Spinal Cord Injury Using a Multi-Omics Approach
10:00	Shrjna Patel	Multi-omic profiling identifies reversible immune–epigenetic dysfunction in autistic regression
10:15	Magdalena Lerch	Insights into neurological immune-related adverse events associated with immune checkpoint inhibitor cancer therapy
10:30	Oliver Wilkinson	Mechanisms of neutrophil-mediated inflammatory T cell priming in autoimmune neuroinflammation
10:45	Eduardo Albornoz	Nanoplastics activate innate immunity in microglia and exacerbate $\alpha$ -synuclein-induced neurotoxicity
11:00	<b>Morning tea and poster viewing</b>	
11:30	<b>Session 2</b>	Chair: Jacqueline Orian
11:30	Anneke Van der Walt <i>(invited plenary speaker)</i>	A quick update on the 2024 McDonald Criteria for MS.
12:00	Marie Amigo	Stage-dependent autoimmune-like proteomic profiles in multiple sclerosis
12:20	Elisha Siwan	Serum cytokine levels in MOGAD disease stages: the search for a biomarker predicting relapse
12:40	Bhuvanewari Harishankar	Neuropathological Alterations in the Cerebellum at P10 in Growth-Restricted Piglets
13:00	<b>Lunch and poster viewing</b>	
14:00	<b>Session 3</b>	Chair: Markus Hofer
14:00	Tim Wang <i>(invited plenary speaker)</i>	AI in MS and Other CNS Neurological Diseases: Where Are We Now, and Where Are We Headed?
14:30	Barney Viengkhou	Insufficient Brain Engagement Limits Baricitinib Efficacy in Cerebral Interferonopathies
14:45	Jinni Yan	Rare Genetic Interferonopathy Reveals Gut–Brain Metabolic Crosstalk
15:00	Rovin Verdillo	A novel human iPSC-platform to assess immune-modulating therapeutics
15:15	Jessica Hayes	Patient-Derived cells and In Vitro therapeutics can define novel Biomarkers and Disease-Modifying therapies for Neurodevelopmental Disorders
15:30	<b>Afternoon tea</b>	
16:00	<b>Awards</b>	Award Committee: Todd Hardy, Aakanksha Dixit, Fabienne Brilot
16:10	<b>Panel discussion and Q&amp;A - Topic: The independent PI roadmap: carving your research in a collaborative field. (Chairs: Aakanksha Dixit &amp; Barney Viengkhou)</b>	
16:45	<b>Conclusion of workshop</b>	