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RESEARCH SHOWCASE SCHEDULE

09:45	Registration/ Doors Open
10:00	Welcome & Acknowledgement of Country Professor Roger Reddel AO
10:15	Keynote: Using population datasets, automation, and AI to improve the diagnosis of rare genetic conditions Professor Daniel MacArthur
11:00	EMCR presentations + Q&A Translational medicine and disease mechanisms Dr Kavitha Kothur - Seizure Remission Following Novel Targeted KCNT1 Small-Molecule Therapy in KCNT1-Related Epilepsy of Infancy with Migrating Focal Seizures; Daniel de los Reyes Helices - A new human neuronal model for evaluating therapeutic AAV-MECP2 regulation in Rett syndrome; Dr Scott Read - Hepatitis B Virus-Targeting Memory NK Cells: a novel cell population with significant therapeutic potential; Macabe Daley - Proteomic profiling identifies candidate biomarkers of relapse and metastasis in Ewing sarcoma
12:00	Lunch (provided) + poster session
13:00	EMCR presentations + Q&A Genomics, Bioinformatics and Infectious Diseases Dr. Nadia Toutounji - Genomic Analysis of the 2026 Measles Outbreak in New South Wales, Australia; Dr Jiadai Wu - Novel antiviral Peptides Active Against HSV-1 and 2; Dr Tegan Cheng - Integrating sensor technology into ankle-foot orthoses for in-device monitoring in the community: a scoping review; Mandy Shen - Halting Herpes: The Role of Protein Kinases, ROCK2 and mTOR, on HSV-1 Exit from Sensory Neurons
14:00	Clinician-Researcher Pathways - Presentations and Q&A Introduced by Professor John Prins, Dean of the Faculty of Medicine and Health, The University of Sydney. Presentations by Professor Germaine Wong, Dr Michelle Lorentzos, Professor Philip O'Connell
15:00	Prize announcements and closing remarks Presented by WSLHD Chief Executive, Alison Zecchin