

ABC 2026

PROGRAM

15 – 16 October

The National Wine Centre of Australia, Adelaide



**Australasian
Brain Club**

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09:30	Registration Open & Morning Tea	
10:30	Acknowledgment of Country & Welcome	Rod Hunt
10:40	Professor Alastair Gunn Memorial Lecture	Joanne Davidson
	Session 1 – Cerebral Palsy	Chair: Suzie Miller
11:00	Prevention Without Borders: Cerebral Palsy in Low and Middle Income Countries	Nadia Badawi
11:25	From Cot to Code: Technology and Parent Partnerships for Early Motor Screening	Amanda Kwong
11:40	Early Cerebral Palsy Screening Using Artificial Intelligence (Ai)	Elyse Passmore
11:55	Update On Evidence Based Early Detection And Early Intervention For Infants At High Risk Of Cerebral Palsy & Adverse Neurodevelopment: What Should We Be Doing ?	Roslyn Boyd
	Cerebral Palsy Abstracts	
12:20	Elevated Functional Connectivity In Active Sleep Marks Lower Motor Optimality In Preterm Infants	Tommaso Biagioni
12:29	Cerebral Palsy After Extremely Preterm Birth In Australia (2001-2018): Trends, Severity And Motor	Vicki Tsanaktsidis
12:37	Relationship Between The Motor Optimality Scores-Revised And Early Vision Assessment In Infants At High-Risk Of Cerebral Palsy And Co-Occurring Cerebral Visual Impairment	Linda Bonezzi
12:45	Lunch	
	Session 2 – Key Note and Neuromonitoring	Chair: Rod Hunt
13:30	KEYNOTE: Saving Brains, Shaping Futures: Advances and Unmet Needs in High Risk Infants	Terrie Inder
14:15	Seeing' The Fetal Brain: Using Mri To Characterise Fetal Brain Growth In Preclinical Models	Jana Morrison
14:40	Multichannel video EEG in Australian NICUs	Kathryn Martinello
	Neuromonitoring Abstracts	
14:50	Impact Of Thermal Stress On Incidence And Severity Of Intraventricular Haemorrhage After Preterm Birth Or With Very Low Birth Weight.	Sarah Coffey
14:58	Early Brain Injury Responses Following Acute Neonatal Seizures in a Term Lamb Model	Dahyun Kang
15:06	Physiological Responses to Packed Red Blood Cell Transfusion in Very Preterm Infants	Danielle Bailey
15:14	Save Sight Retinopathy of Prematurity Registry and Neurodevelopment	James Smith
15:22	Afternoon Tea	
	Session 3 – Intrauterine Brain Injury	Chair: Graeme Polglase
15:45	Reduced Trajectory Of Neurodevelopment Associated With Fetal Growth Restriction	Suzie Miller
16:10	Protecting The Growth-Restricted Brain With Melatonin	Teagan White
16:30	When the Placenta Ages Too Soon: Circular RNAs and Adverse Pregnancy Outcomes	Anya Arthurs
	Intrauterine Brain Injury Abstracts	
16:50	Plasma Proteome And Neuropathology Alterations In The Fgr Piglet	Hannah Musco
16:58	Differential Cerebrovascular Function in an Ovine Model of Fetal Growth Restriction	Georgina Plunkett
17:06	A New Approach To Modelling Infection-Induced Inflammation And Brain Injury Using Bacterial Extracellular Vesicles In Preterm Fetal Sheep	Kayla Vidinopoulos
	Session 4 – Keynote Neurosurgery	Chair: Kathryn Martinello
17:15	Keynote: Endoscopic Lavage For Post-Hemorrhagic Hydrocephalus Of Prematurity	Kristian Acquilina (via Zoom)
18:00	Questions & Close	
19:00	Networking Dinner – Sofia Bistro on Huff Street (15min walk from the Wine Centre)	

08:00	Registration Open	
	Session 5– Preterm Brain Injury	Chair: Simone Huntingford
09:10	Cerebral Palsy And Oxygen Diffusion Kinetics: A Modifiable Vulnerability	Chad Andersen
09:35	Should We Be Including Midline Head Positioning In Ivh Prevention Bundles?	Traci-anne Goyen
	Preterm Brain Injury Abstracts	
09:55	Post-Haemorrhagic Ventricular Dilatation in the Preterm Infant: A Survey of Clinical Practice in Australia and New Zealand	Rocco Cuzzilla
10:03	Chronic Inflammation Disrupts Cortical Neuronal Maturation in the Preterm Brain	Michelle Kent
10:11	hAEC-EVs are Physiologically Tolerated in a Fetal Sheep Model of Chorioamnionitis-Associated Preterm Brain Injury	Paula Volchek
10:19	Persistent Childhood Peer Relationship Difficulties and Adolescent Social Adjustment Following Very Preterm Birth	Samantha Lee
10:27	Interleukin-1 Receptor Antagonist Attenuates Neuroinflammation In Respiratory Centers Following Lipopolysaccharide Exposure In Preterm Fetal Sheep.	Kayla Vidinopoulos
10:35	Morning Tea	
	Session 6 – Key Note and Hypoxic Ischaemic Brain Injury	Chair: Tara Crawford
11:00	KEYNOTE: Intranasal Breast Milk Therapy for Hypoxic-Ischaemic Encephalopathy	Unoke Meder
11:45	Treatment Of Mild Hypoxic-Ischemic Brain Injury – Is Therapeutic Hypothermia The Best Option?	Joanne Davidson
12:10	Neurological Outcomes Of Resuscitation – Critical But Poorly Understood	Helen Liley
	Neurodevelopment Abstracts	
12:35	Effect Of Neonatal Body Composition On Brain Growth And Neurodevelopmental Outcome: A Systematic Review	David McHugh
12:43	Is Ciclesonide Safer for the Fetal Brain Than Betamethasone?	Tara Hislop
12:51	Neurodevelopment in Small-for-Gestational-Age Preterm Infants: Distinguishing the Impact of Birthweight and Gestational Age in a Cohort Study	Lupe Alda
13:00	Lunch	
	Session 7 – Neurodevelopment	Chair: Michael Stark
13:45	Brain damage or Maldevelopment; Redefining Etiology of Cerebral Palsy Using Genomics	Josef Gecz
14:15	The Impact Of Gestational Age At Birth On Developmental Vulnerability At School Entry In South Australia: A Whole-Of-Population Data Linkage Project	Amanda Poprzeczny
14:35	What Does The Data From Aotearoa New Zealand Show Us?	Malcolm Battin
	Abstracts	
15:00	Omega-3 Docosahexaenoic (Dha) Fatty Acid Status Of Very Preterm Infants And Associations With Intelligence Quotient In Childhood	Maria Makrides
15:08	Evidence-Based Clinical Guidelines For The Recognition, Diagnosis And Management Of Perinatal Stroke	Sarah Curnow
15:20	Best EMCR Abstract Presentation, Alistair Gunn Prize Questions & Close	Rod Hunt

This image shows a full page of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page, typical of notebook paper. There are no margins, text, or other markings on the page.

ABC 2026 Lead Committee

Professor Rod Hunt
Professor Suzie Miller

ABC 2026 Local Organising Committee

Dr Kathryn Martinello
Professor Michael Stark
Dr Tara Crawford



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info@corpcomm.com.au