

International Brain Tumour Research Summit, 2025

Date: Thursday, 20th February 2025**Location:** Caves Lecture Theatre, Hunter Medical Research Institute, HMRI

Time	Details	Speaker
Opening		
9:00 to 9:05	Welcome and Acknowledgement of Country	Frances Kay-Lambkin Director of HMRI
9:05 to 9:10	Introduction to the Mark Hughes Foundation	Mark Hughes Founder of Mark Hughes Foundation
9:10 to 9:15	Introduction to the Summit	Mike Fay HMRI / University of Newcastle
Session One: What is the target? Chair: Bryan Day		
9:15 to 9:50 (Keynote 35mins)	What is the cell of origin in glioblastoma?	David Ashley Head of Neuro-oncology, Duke University
9:50 to 10:05 (15mins)	What are the challenges for clinical trials in primary brain tumours?	Hui Gan Olivia Newton-John Cancer Centre / University of Melbourne
10:05 to 10:20 (15mins)	New insights into radiation biology: Discovering new targets and mechanisms of action	Ivan Kempson University of South Australia
Morning Tea, Haggarty Space – HMRI		
10:20 to 10:40		
10:40 to 10:55 (15mins)	Radiation models of brain cancer and toxicity	Raelene Endersby Telethon kids / University of WA
10:55 to 11:10 (15mins)	Neuronal networks in brain tumours	Heidi McAlpine Florey / Royal Melbourne Hospital
11:10 to 11:25 (15mins)	Translational Cancer Neuroscience: a Primer	Hubert Hondermarck HMRI / University of Newcastle
Session Two: Monitoring Treatment and Progression Chair: Nik Koussis		
11:25 to 11:40 (15mins)	The utility of liquid biopsies for brain tumours	Kim Alexander Chris O'Brien Lifehouse / University of Sydney
11:40 to 11:55 (15mins)	A scalable platform for the detection and monitoring of blood-based biomarkers	Richard Lobb AIBN / University of Queensland
11:55 to 12:10 (15 mins)	Advanced MRI imaging in brain cancer: spectroscopy and fMRI	Bryan Paton HMRI / University of Newcastle
12:10 to 12:45 (keynote 35mins)	Molecular Insights, Personalized Medicine: Transforming Patient Care through Precision Biology	Simon Gregory Duke University
Lunch, Haggarty Space – HMRI		
12:45 to 1:30		

Session Three: Therapeutics Chair: Paul Tooney		
1:30 to 1:45 (15min)	PET Imaging and therapy in brain cancer	Eng-Siew Koh COGNO Chair / Liverpool Hospital
1:45 to 2:00 (15mins)	CAR T cell therapies and new developments	Misty Jenkins The Brain Cancer Centre at WEHI / University of Melbourne
2:00 to 2:15 (15mins)	Three-dimensional patient-derived models of glioblastoma retain intra-tumoral heterogeneity	Saskia Freytag The Brain Cancer Centre, WEHI
2:15 to 2:45 (keynote 30 mins)	OMICO and brain cancer	David Thomas Garvan Institute / University of NSW
2:45 to 3:00 (15mins)	Developing targeted paediatric regimens for HGG	Matthew Dun HMRI / University of Newcastle
3:00 to 3:15 (15 mins)	Closing the gap for Indigenous children with cancer	Jess Buck Telethon Kids Institute, WA
Afternoon Tea, Haggarty Space – HMRI 3:15 to 3:45		
Session Four: Panel Discussion Chair: Mike Fay		
3:45 to 4:25 (40 mins)	Panel Discussion and Q&A: What could the Brain Cancer Mission 2.0 look like?	Mike Fay (MHF Centre at UoN) Sam McGuane (BCC at WEHI) Bryan Day (QIMR) Saskia Freytag (BCC at WEHI) Joseph Sia (BCC at WEHI) Kim Wark (RCD) David Ashley (Duke University) Simon Gregory (Duke University) Hui Gan (ONJCC)
4:25 – 4:30 (5 mins)	Thank you and close	Mike Fay HMRI / University of Newcastle