

AGENDA for the ABCARA Virtual Symposium

ABCARA in partnership with The Cooperative Trials Group for Neuro-Oncology (COGNO)



Building a Collaborative Adult Brain Cancer Network – Challenges and Opportunities?

Sunday 24th October 2021

9.00am – 4.40pm (Virtual Only)

Welcome and Introduction (9:00am to 9:10am)

- Welcome to ABCARA

Novel Therapeutic Strategies (9:10am to 10:35am)

Prof Bryan Day – Head, Sid Faithfull Brain Cancer Laboratory, QIMR Berghofer

Defining Eph Family Receptors as Novel Therapeutic Targets for the Treatment of Brain Cancer.

Dr Emily Fletcher – Research Fellow, Telethon Kids Institute

Ion channel regulated mechanisms of high-grade glioma growth.

A/Prof Lenka Munoz – Head of the Cell Signalling Laboratory, Charles Perkins Centre

Drug discovery and new therapeutics.

Selected Talk - Lachlan Harris: Prolonging survival in glioblastoma by targeting quiescence.

Short Break (10:35am to 10:45am)

Biomarker Strategies to Inform Clinical Trials (10:45am to 12:00pm)

Dr Guillermo, A. Gomez - Head, Tissue Architecture and Organ Function Laboratory, Centre for Cancer Biology *Harnessing Artificial Intelligence and patient-derived organoids to identify new molecular targets for glioblastoma.*

Dr Kimberly Alexander - Head of Brain Cancer Research, Chris O'Brien Lifehouse

GlioNET, a multi-centre observational study and bioresource to enable longitudinal glioma research and biomarker studies.

Selected Talk - Lisa Ebert: CAR-T cells targeting fibroblast activation protein (FAP) for the treatment of glioblastoma

Lunch Break (12:00pm to 12:30pm)

Big Data and Bioinformatics (12:30pm to 1:40pm)

Dr Anya Jones – Computer Biologist, Telethon Kids Institute
Ion channels in adult high-grade glioma

Prof Roel Verhaak - Roux Center for Genomics and Computational Biology. The JAX Cancer Center.
Delineating treatment response in glioma

Clinical Trial Opportunities (1:40pm to 2:30pm)

Prof Hui Gan - Director, Cancer Clinical Trials Centre, Austin Health
Neuro-Oncology Clinical Trials in Australia – Challenges and Opportunities

Prof Andrew Scott - Director, Department of Molecular Imaging and Therapy, Austin Health
Discovery and Translational Brain Cancer Research at ONJCRI

Platforms and Resources for Brain Cancer Research: (2:30pm to 4:20pm)

Prof Stuart Pitson - Molecular Signalling Laboratory, Centre for Cancer Biology
Building advanced, integrated, patient-derived in vitro and in vivo resources for glioblastoma research.

Prof Geraldine O’Neill - Head of Children’s Cancer Research Unit, The Children’s Hospital at Westmead
Lost in translation: role of the brain tumour microenvironment in response to cancer therapies

Short Break (3:20pm to 3:30pm)

Prof Bryan Day - Head, Sid Faithfull Brain Cancer Laboratory, QIMR Berghofer
Glioblastoma Organoid Update and QCell Discovery Platform: A Well Characterised Panel of Primary Brain Cancer Models.

Dr Jasper de Boer - Research manager VCCC Alliance and Head of the novel cancer therapies group at UCL Great Ormond Street Institute of Child Health, UK.
Rational screening platforms/strategies for diffuse intrinsic pontine gliomas (DIPG)

Selected Talk - Paris Kollis: Characterising T-cell migratory cues in glioblastoma lesions

A/Prof. Eng-Siew Koh – COGNO Update(4.20pm)

Prof. Bryan Day - Thank You, prizes awarded and Close (4:30pm)

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