

ASI Tumour Immunology Special Interest Group Workshop

Monday 4th December 2023 – Owen G Glenn Building: 4 / 260-073

9:00am - 10:45am: Session 1

Chairs: Lisa Ebert and Kirsten Ward-Hartstonge

9:00 – 9:05: **Welcome** (Lisa Ebert – Chairperson, Tumour Immunology SIG)

9:05 – 9:15: **Sponsor Presentation** (Daniel Schafer - Miltenyi Biotech)
Identification of CD318, TSPAN8 and CD66c as target candidates for CAR T cell based immunotherapy of pancreatic adenocarcinoma

9:15 – 9:45: **Rod Dunbar** (University of Auckland)
Cellular neighbourhoods in human tumours

9:45 – 10:15: **Lisa Mielke** (Olivia Newton-John Cancer Research Institute, Melbourne)
New Immunotherapy Strategies for Colorectal Cancer

10:15 – 10:30: **Angela Ferguson** (The University of Sydney and Centenary Institute)
Spatially resolving the tumour-microenvironment (TME) of oral cancer identifies cellular landscapes that influence the response or resistance to PD1-targeted immunotherapy

10:30 – 10:45: **Mariana Lizeth Orozco Morales** (Telethon Kids Institute, Perth)
SUZ12 deletion enhances cancer cell immunogenicity

10:45am - 11:15am: Morning Tea

11:15am – 1:00pm: Session 2

Chairs: Phil Darcy and Erica Yeo

11:15 – 11:45: **Alexander McLellan** (University of Otago)
Bi-directional and auto-inducible-gene expression for CAR T cell and CAR NK cell therapy

11:45 – 12:15: **Claudine Bonder** (Centre for Cancer Biology, Adelaide)
Anti-tumour immunity – a co-ordinated approach

12:15 – 12:30: **Lewis Newland** (The University of Melbourne & Peter Doherty Institute)
Dissecting Mechanisms of CD8+ T Cell-Mediated Melanoma Control

12:30 – 1:00: **Catherine Bollard** (George Washington University Cancer Center, Washington DC, USA)
'Cell Therapies for Pediatric Solid Tumors: Beyond Traditional CAR-T'

1pm – 2pm: Lunch

2:00pm – 3:45pm: Session 3
Chairs: Rod Dunbar and Brad Devery

2:00 – 2:30: **Phil Darcy** (Peter MacCallum Cancer Centre, Melbourne)
Overexpression of FOXO1 in CAR T cells enhances metabolic fitness and anti-tumor efficacy

2:30 – 3:00: **Snehlata Kumari** (University of Queensland Frazer Institute, Brisbane)
NF- κ B and cell death mediated control of inflammation

3:00 – 3:15: **Jieren Zheng** (The University of Adelaide)
Optimisation of chimeric antigen receptor T cells for solid tumour immunotherapy

3:15 – 3:30: **Eleanor Eddy** (The University of Melbourne)
Characterising MAIT cell function in vivo in models of glioblastoma

3:30 – 3:45: **Jad Farouqa** (The University of Queensland)
The Role of Complement Receptor C5aR1 in a Glioblastoma Murine Model

3:45 – 4:45: Networking reception and prizes
Sponsored by Miltenyi Biotec



Join us to discuss the day's science over drinks and nibbles.

We will also announce and celebrate winners of prizes for best talks from submitted abstracts.