



PRELIMINARY PROGRAM

*Program is subject to change

Thursday 7 November 2024

08:00 Registration desk open	
08:00 – 08:40 Arrival tea and coffee	
08:45 – 09:00 Conference opening	
Room: Leighton Hall	
Conference opening	
Welcome to Country	
Session 1 Advanced Therapeutics	
Presentations	
The Kids Advanced Therapeutics odyssey – charting progress and forging ahead	
Panel session	
Panel: Driving investment to build and accelerate capability across advanced therapeutics translation	
Morning tea and poster presentations	
Session 2 Precision therapy for cancer therapeutic and innovative applications	
Room: Leighton Hall	
Keynote presentation	
International Keynote Speaker	
The Molecular Characterisation Initiative: precision diagnosis for paediatric cancers	
Prof Elaine Mardis, Institute for Genomic Medicine at Nationwide Children's Hospital	
Presentations series	
Setting the Australian scene: Zero Childhood Cancer Program (ZERO): Utilising precision data to drive therapeutic recommendations and to innovate discoveries	
Translational Tumour Biology – utilising Cas13 technology to identify therapeutic targets using a molecular biology approach	
Innovation driving precision drug targeting discoveries – translating ideas from genetic disease into cancer	
Panel session	
Transitioning precision therapy research to standard clinical care	
Lunch and poster presentations	
Session 3.1 Functional genomics and precision therapy / cell and gene therapy advancements: from bench to bedside	Session 3.2 Innovation and commercialisation opportunities (Part 1)
Room: Leighton Hall	Room: Tyree Room
Presentation series	
Cell therapy pipeline, past, present, and future success	
The world of avatar technology for cystic fibrosis and beyond	
Case study: Rett syndrome – from diagnosis to treatment	
The next steps in developing better AAV delivery systems to tackle pre-existing AAV immunity	

Panel session	
Barriers, challenges, and opportunities to gene and cell therapy research translation and commercialisation	
Afternoon tea and poster presentations	
Session 4.1 No one left behind: truly engaging families in precision medicine	Session 4.2 Innovation and commercialisation opportunities (Part 2)
Room: Leighton Hall	Room: Tyree Room
Presentation series	Presentations
Co-designing and co-imagining the future of precision medicine – optimal patient-centred care	NAT Network – introducing the non-animal technology network
Psychosocial Enabling Platform – purpose, current and future activities	Biobanking – activities across NSW
Psychosocial Precision Medicine – Addressing the Social Determinants of Health	Clinical trials commercialisation
Panel session	Session presentation
Doing a better job of communicating with families: addressing challenges and driving solutions	Functional Genomics Enabling Platform Showcase: Facility, Laboratory Services, and Equipment to Deliver New Research Capacity
Rapid presentations: Applications of psychosocial research	
Closing address	
Room: Leighton Hall	
18:00 – 22:00 Conference dinner The Lounge, UNSW Sydney	

Friday 8 November 2024

08:00 Registration desk open	
08:00 – 08:40 Arrival tea and coffee	
Session 5.1 Precision medicine informed by real world data	Session 5.2 N=1 clinical trials in paediatric advanced therapies
Room: Leighton Hall	Room: Tyree Room
Keynote presentation	Panel session
International Keynote Speaker Practicalities of using real-world electronic health data for research: insights from the UK, Great Ormond Street Hospital clinical informatics research program Prof Neil Sebire, Great Ormond Street Hospital Institute of Child Health	
Presentation series	
Advanced genome and transcriptome analytics - using comprehensive molecular profiling techniques accelerating the uptake of precision medicine	
Advanced clinical data analytics: creating an ecosystem to access, extract and interpret clinical eMR and administrative data	
Kids Link: utilising data linkage to advance data-driven healthcare to strengthen our health system	
Panel session	
Harnessing real world data for patient benefit	
Morning tea and poster presentations	

Session 6 Health Systems Implementation and Evaluation and precision therapy - delivering outcomes-focused sustainability (for children) in the era of precision

Room: Leighton Hall

Keynote presentation

International Keynote Speaker

The need to evaluate health services innovations at scale: challenges and opportunities in the US and Australia

Prof Gary L Freed, University of Michigan

Presentations series

Health systems implementation and health economics

What is PEACH and PEACH-E, current update, next steps

Panel session

Thinking outside the silos: innovations to optimise the health system for children

Lunch

Session 7.1 The road ahead in genomics and genetic testing

Session 7.2 Workshop

Room: Leighton Hall

Room: Tyree Room

Presentation series

Health Systems Implementation and Economics (HSIE) & Psychosocial Workshop

The future direction for genomics testing: a global perspective on improving access to genomics knowledge and technology

Genomic testing - what is the roadmap for Australia

Rare Diseases NSW

Panel session

Challenges of sustained translation in genomic screening and testing: battle scars, lessons learned, and priority actions to move forward

Afternoon tea and poster presentations

Panel session

Room: Leighton Hall

Reflections and next steps for paediatric precision medicine

Conference close