

CLINICAL INFORMATICS SYMPOSIUM

University of Technology Sydney (UTS), Building 10 (CB10): CB10.03.470
Thursday December 12th

PROGRAM

9:00-9:45am: Introduction & Keynote Presentation, chair: Mark Cowley

1. **Roxane Legaie**, Lead Clinical Bioinformatician, Peter MacCallum Cancer Centre
Advancing bioinformatics for cancer genomics in a clinical setting

9:45-10:30am: Short Talks, chair: Mark Pinese

2. **Dr Irene Rui Chen**, Institute for Translational Bioinformatics and Institute of Medical Informatics, University Hospital Tübingen
openMTB: A System for Evidence-Driven Personalized Cancer Treatments in Molecular Tumor Boards
3. **Tingting Gong**, The Garvan Institute of Medical Research
Refining somatic structural variant detection and annotation for precision oncology
4. **Dr Simon Sadedin**, Victorian Clinical Genetics Services (VCGS)
Schism: A Population Database of Genomic Breakpoints for Aiding in Rare Disease Interpretation

10:30-11:00am: Morning Tea (provided)

11:00am-12:00pm: Short Talks, chair: Mark Pinese

5. **Dr Alan Rubin**, Walter and Eliza Hall Institute of Medical Research
Clinical Variant Annotation with Multiplexed Assays of Variant Effect
6. **Satwica Yerneni**, Peter MacCallum Cancer Centre
Spectrum and complexity of clinical bioinformatics requirements for an accredited diagnostic molecular laboratory specialising in haematological malignancy
7. **Dr Wishva Herath**, Pathology Queensland
Accelerating genomics with DRAGEN and Sentieon - an opinionated comparison.
8. **Zainab Noor**, Macquarie University
A Mix-And-Match Library Approach for Enriching Plasma Proteome Discovery

12:00-1:00pm: Discussion panel, chair: Mark Cowley

1. **Roxane Legaie**, Lead Clinical Bioinformatician, Peter MacCallum Cancer Centre
2. **Prof Leslie Burnett**, Principal Medical Geneticist, Kinghorn Centre for Clinical Genomics, Garvan Institute of Medical Research
3. **Vanessa Tyrrell**, Zero Childhood Cancer Program Leader, President of Human Genetic Society of Australasia (HGSA)
4. **Dr John Grady**, Chief Bioinformatics Officer, Australian Genomics Cancer Medicine Program, Garvan Institute of Medical Research

1:00pm: official close



A/Prof Mark Cowley
Computational Biology Group Leader
Children's Cancer Institute
Clinical Informatics Symposium co-convenor



Dr Mark Pinese
NHMRC Investigator Fellow
Children's Cancer Institute
Clinical Informatics Symposium co-convenor