



3rd

- 08:30 **Introduction to CIRCA and update on inborn errors of immunity**
Prof Stuart Tangye
Theme Leader, Immunity & Inflammation, Garvan Institute of Medical Research
- 09:30 **Dr Steven Holland**
*Director, Division of Intramural Research
Chief, Immunopathogenesis Section
National Institute of Allergy and Infectious Diseases, NIH, USA*
- 10:30 **How to find the needle... criteria for selection of monogenic immune diseases**
Dr Paul Gray
*Paediatric Immunologist, Sydney Children's Hospital Randwick (SCH) and Campbelltown Hospital
Joint Head of Dept. of Immunology and Infectious Diseases SCH*
- 11:30 **Clinical immunogenomics and application to PID patients**
Dr Melanie Wong
*Paediatric Immunologist, Children's Hospital Westmead (CHW)
Joint Head of Dept. of Immunology and Infectious Diseases CHW*
- 12:00 **The role of deep immunophenotyping in diagnosing PID**
A/Prof Elissa Deenick
*Laboratory Head | Lymphocyte Signalling and Activation
Immunity & Inflammation Theme, Garvan Institute of Medical Research
UNSW Scientia Fellow, Faculty of Medicine, UNSW Sydney*
- A/Prof Cindy Ma
*Laboratory Head | Immunodeficiency & Immunology
Immunity & Inflammation Theme, Garvan Institute of Medical Research*
- 12:30 **Mevalonate kinase deficiency and autoinflammation: insights into disease mechanisms using new mouse avatars**
Prof Mike Rogers
*Head, Bone Therapeutics Laboratory,
Healthy Aging, Theme, Garvan Institute of Medical Research*
- 13:00 **Immunity against SARS COV2 and COVID19 – lessons from inborn errors of immunity**
Prof Stuart Tangye
Theme Leader, Immunity & Inflammation, Garvan Institute of Medical Research

- 12:00 **CVID-plus project and case presentation**
Dr Ming Wei Lin
Adult Immunologist, Westmead Hospital,
Prof Tri Phan
St Vincent's Hospital and Garvan
- 12:30 **RNAseq and corporate partnerships - integrating genomics and transcriptomics**
A/Professor Sarah Kummerfeld
Head, Kinghorn Centre for Clinical Genomics (Scientific)
- 13:00 **Case Presentation**
Dr Peter Hsu
Paediatric Immunologist, Children's Hospital Westmead
- 13:30 **Case presentation 4yo Caucasian girl hypogamma family**
Dr Chaitanya Bodapati
Immunology and Allergy Fellow SCH
- 14:30 **Counselling challenges in the genomic age : variable expressivity, polygenic vs monogenic, precision medicine, research findings vs clinically actionable findings**
Prof Tri Phan (host) *Clinician scientist, Garvan and St Vincent's Hospital*
Clinical Geneticists from RPAH:
Dr Lisa Worgan,
Dr Lisa Ewans
and Genetic Counsellor from SCH:
Rebecca Macintosh
- 15:30 **Introduction to TNFAIP3**
Prof Shane Grey *Head, Transplant Immunology Lab, Garvan*
- 15:40 **TNFAIP3 gene discussion**
Prof Tri Phan (host) *Clinician scientist, Garvan and St Vincent's Hospital*
Prof Shane Grey *Head, Transplant Immunology Lab, Garvan*
Nathan Zammit *Postdoctoral Research Fellow at Garvan*
Dr Paul Gray *Paediatric Immunologist, Sydney Children's Hospital Randwick (SCH)*
- Topics will include:
- diagnosing Polynesian and other non-Caucasian ethnic patients
 - evolution and selective pressures on allelic frequencies
 - animal models and disease mechanisms
 - Four generation lupus family with interesting gene modifiers (eg *TREX1*)
- 17:00 **Prof Isabelle Meyts**
Paediatric immunologist UZ Leuven
Lead of Laboratory for Inborn Errors of Immunity, KU Leuven
ESID President



3rd

circa Symposium

Fri, 20 NOVEMBER 2020

- 08:50 **Introduction**
Prof Stuart Tangye
*Theme Leader, Immunity & Inflammation,
Garvan Institute of Medical Research*
- 09:00 **Overview of CTLA4 deficiency**
Dr Gulbu Uzel
*Laboratory of Clinical Immunology & Microbiology
National Institute of Allergy and Infectious Diseases, NIH, USA*
- 10:00 **The impact of genetic diagnosis on adult PID patients,
including therapeutics and transplantation**
Dr Alisa Kane
*Adult Immunologist, St Vincent's Hospital and Liverpool Hospital
Visiting Scientist at Garvan*
- 10:30 **Case Presentation: TB... or not PJP**
A/Prof Allan Sturgess
*Allergy Specialist & Immunologist, Pathologist (Immunologist), Rheumatologist
Head of Dept. of Rheumatology, St George Hospital*
- 11:00 **DOCK8 reversion**
Dr Bethany Pillay
*Research Officer, Immunodeficiency & Immunology Lab
Garvan Institute of Medical Research*
- 11:30 **CIRCA Collaborations and Projects and how to be involved**
Prof Stuart Tangye
- 12:30 *Theme Leader, Immunity & Inflammation,
Garvan Institute of Medical Research*