

**Translational Research Institute Auditorium,
37 Kent St, Woolloongabba QLD
21-22 Feb 2025**

Day 1 (Fri 21st Feb): DISCOVERY SCIENCE

(9:10 – 09:15)

Welcome and Acknowledgement of Country – Prof Kate Schroder

(9:15 – 09:25)

Opening perspectives – Karen Durrant (Autoinflammatory Alliance) & Natalie Billiard (Zoe's Angels)

(9:25 – 9:40)

What's new in AID? – Prof Seth Masters (Hudson Institute)

(9.40-10.45) Session 1: Mechanisms of Autoinflammation

(9.40-10.05)

ADAR1 mediated A-to-I RNA editing of cellular dsRNA protects against type I interferon production and autoinflammation – Prof Carl Walkley (Hudson Institute)

(10.05-10.25)

TLR7 and SLE – A/Prof Julia Ellyard (ANU)

(10.25-10.45)

Complement factor I deficiency-associated neuroinflammation among the Old Order Amish - A/Prof Neil Romberg (Children's Hospital of Philadelphia, USA)

(10:45 – 11:15) Morning Tea

(11:15 – 11.45)

INTERNATIONAL PLENARY SPEAKER: Dr Raphaela Goldbach-Mansky (NIH): title tbc

11.45-12:30 Session 2: Immune cell dysregulation

(.45-12:05)

Immune deficiency and autoinflammation – Prof Ilia Voskoboinik (Peter MacCallum Cancer Centre)

(12.05-12.25)

MKD & prenylopathies: diseases of cytotoxic cells – Dr Marcia Munoz (Garvan Institute)

(12:25-12.35)

HMGCS1, a new autoinflammation gene of the mevalonate pathway – Dhanya Lakshmi (WEHI), (student talk)

(12.35-12.45)

Mosaic autoinflammatory disease variants in UK Biobank – Ricky Nguyen (Garvan Institute), student talk

(12:45 – 13:30) Lunch

(13:30 – 15:00) Session 3: Diagnosis and treatments

(13.30-14.00)

Inflammasome inhibitors in clinical development – Schroder Lab (IMB)

(14.00-14.20)

Multi-omics approaches in AID diagnosis – Prof Di Yu (UQ)

(14.20-14.40)

Deciphering the immunomodulatory function of the microbiome in IBD – Dr Rabina Giri (Mater Research Institute, UQ)

(14.40-15.00)

Novel cytokine approaches for the treatment of autoinflammatory diseases – A/Prof Sumaira Hasnain (Mater Research Institute, UQ)

(15.00 – 15:30) Afternoon Tea

(15.30-17.00) **Consumer Session 1: Advocacy for and by patients and their supporters**

Dr Falak Helwani (Rare Voices Australia): *Personal experience of autoinflammatory disease as a researcher/advocate*

Prof Ruth Colagiuri (JAFA): *JIA Early Diagnosis Program: Advocacy in Action*

Karen Durrant (Autoinflammatory Alliance)

Panel discussion

(17:00: – 19:00) drinks, nibbles, networking

Day 2 (Sat 22nd Feb): EDUCATION SUMMIT IN PAEDIATRIC RHEUMATOLOGY

(9:25 – 09:30)

Welcome and Acknowledgement of Country – Dr Jo Tan & Natalie Billiard (Zoe's Angels)

(9.30-10.45) **Consumer Session 2: Engagement between patients/supporters, clinicians and policy**

Amanda Clark (Cairns): *Mental Health considerations regarding autoinflammatory disease in youth*

Dr Rebecca James (Queensland Children's Hospital): *Improving patient experience, including complimentary medicine*

Theresa Cole (Royal Children's Hospital): *National collaborations & registries*

Panel discussion

(10:45 – 11:15) Morning Tea

(11:15 – 13:00) Session 4: Updates in Pediatric Rheumatology / SJIA

(11:15-11.35)

Overview and Australian perspective – Dr Jeff Chaitow (Sydney)

(11.35-12.20)

INTERNATIONAL PLENARY SPEAKER: *Diagnosis of pediatric rheumatological conditions - Dr Raphaela Goldbach-Mansky (NIH, USA)*

(12:20-12.40)

Treatment options for pediatric rheumatological conditions in Australia - Dr Bill Renton (Monash Health)

(12:40-13:00)

Electronic Health advances in the context of pain management for JIA – Dr Andrea Coda (University of Newcastle)

(13:00 – 13:45) Lunch

(13:45 – 15:15) Session 5: Multi-Disciplinary care of complex patients with rheumatological disease.

(13:45-14.05)

Physiotherapy Interventions in the Management of Pain and Mobility Limitations in Paediatric Still's Disease - Zoe Cotton (Children's Health Queensland)

(14:05-14.25)

Genetic investigation of complex patients with rheumatological disease – Prof David Coman (Children's Health Queensland)

(14:25-14.45)

Clinical immunological investigations for complex patients with rheumatological disease - Dr Alberto Pinzon (Queensland Children's Hospital)

(14:45-15.05)

Transitionary Care for young adults with rheumatological disease - Dr Simon Denny (Mater Brisbane)

(15:05 – 15:15)

Close and thanks – Prof Mike Rogers