



Hot Topics in Infection & Immunity in Children The Perth Course

TELETHON
KIDS
INSTITUTE
Discover. Prevent. Cure.

WESFARMERS
CENTRE OF VACCINES
& INFECTIOUS DISEASES

Thursday 5 December (The University Club of Western Australia Theatre Auditorium unless otherwise indicated)

07:00am - 07:55am	Registration (Lower Colonnade)
08:00am - 08:25am	Welcome to Country, opening remarks and application live polling run through
08:30am - 09:00am	Elimination of typhoid: possibility or pipe dream? > Prof Andrew Pollard, UNITED KINGDOM Professor of Paediatric Infection and Immunity Department of Paediatrics, University of Oxford Director, Oxford Vaccine Group Department of Paediatrics, University of Oxford Honorary Consultant Paediatrician Children's Hospital, Oxford
09:05am - 09:35am	Recent advances in malaria in childhood > Prof Nick Anstey, AUSTRALIA Professor Flinders University Senior Principal Research Fellow, Global and Tropical Health Menzies School of Health Research Infectious Diseases Physician Royal Darwin Hospital
09:40am - 10:10am	Travel medicine for children > Dr Sarah McGuinness, AUSTRALIA Department of Epidemiology and Preventive Medicine, Monash University Infectious Diseases Physician Travel Medicine Clinic, The Alfred
10:15am - 10:40am	Morning coffee & tea break (Ground Floor Terrace)
10:45am - 11:15am	Respiratory syncytial virus & pregnancy > Prof Janet Englund, UNITED STATES OF AMERICA Professor of Pediatric Infectious Diseases School of Medicine, University of Washington, and Seattle Children's Hospital Clinical Associate Fred Hutchinson Cancer Research Center
11:20am - 11:50am	Immunisation; providing protection against more than vaccine preventable diseases? > Prof Nigel Curtis, AUSTRALIA Professor of Paediatric Infectious Diseases Department of Paediatrics, The University of Melbourne Infectious Diseases Physician and Head of Infectious Diseases Unit Department of General Medicine, The Royal Children's Hospital Melbourne Leader, Infectious Diseases & Microbiology Group Murdoch Childrens Research Institute
11:55am - 12:25pm	One vaccine for life > Prof Tobias Kollmann, AUSTRALIA Leader, Systems Vaccinology Wesfarmers Centre of Vaccines & Infectious Diseases, Telethon Kids Institute
12:30pm - 01:25pm	Lunch (Ground Floor Terrace)



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01:30pm - 02:00pm

An approach to complex infectious diseases consults

Chairs:

Prof David Burgner &
Prof Tom Snelling

> **Dr Lesley Voss, NEW ZEALAND**

Department of Paediatrics: Child and Youth Health, School of Medicine | Faculty of Medical and Health Sciences, The University of Auckland
Paediatric Infectious Disease Consultant | Starship Children's Hospital

02:05pm - 02:35pm

Infectious Disease Case Round 1 (Topic TBC)

> **Dr Anita Campbell, AUSTRALIA**

Infectious Diseases Physician, Paediatrics | Department of Infectious Diseases, Perth Children's Hospital
Medical Lead, Stan Perron Immunisation Centre | Department of Infectious Diseases, Perth Children's Hospital

02:40pm - 03:10pm

Antimicrobial Stewardship: where to from here?

> **A/Prof Penelope Bryant, AUSTRALIA**

Infectious Diseases Physician | Infectious Diseases Unit, Department of General Medicine, The Royal Children's Hospital
Paediatrician | Department of General Medicine, The Royal Children's Hospital
Medical Consultant | RCH@Home Department, The Royal Children's Hospital
Research Fellow, Infectious Diseases & Microbiology Research Group | Murdoch Children's Research Institute

03:15pm - 03:40pm

Afternoon coffee and tea break (Ground Floor Terrace)

03:45pm - 04:15pm

Infectious Disease Case Rounds 2 (Topic TBC)

Chairs:

Dr Philip Britton &
Dr Lesley Voss

> **Dr Charlie McLeod, AUSTRALIA**

Infectious Diseases Physician, Paediatrics | Department of Infectious Diseases, Perth Children's Hospital

04:20pm - 04:50pm

Kawasaki diseases: what to do when intravenous immunoglobulin 'fails'?

> **Prof David Burgner, AUSTRALIA**

Professorial Fellow | Melbourne University
Leader, Inflammatory Origins | Murdoch Children's Research Institute
Consultant, Paediatric Infectious Diseases | Monash Children's Hospital



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04:55pm - 05:25pm

RHD: pathogenesis, diagnosis, path towards a strep A vaccine

> **Prof Jonathan Carapetis AM, AUSTRALIA**

Director | Telethon Kids Institute

Leader, Streptococcus A & Rheumatic Heart Diseases | Wesfarmers Centre of Vaccines & Infectious, Telethon Kids Institute

Consultant, Paediatric Infectious Diseases | Perth Children's Hospital

Professor | The University of Western Australia

05:30pm

Scoring of all sessions

06:30pm

Dinner at **Matilda Bay Restaurant** (3 Hackett Drive, Crawley)

Movie Under the Stars Kuru: The Science and the Sorcery

> **Prof Michael Alpers AO, AUSTRALIA**

Emeritus Professor, Faculty of Health Sciences | Curtin University



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Friday 6 December (The University Club of Western Australia Theatre Auditorium unless otherwise indicated)

08:30am - 09:00am

Everything an infectious diseases physician needs to know about primary immunodeficiencies

Chairs:

A/Prof Julia Clark &
Dr Andrew McLean-Tooke

- > **Prof Steven Holland, UNITED STATES OF AMERICA**
Director, Division of Intramural Research and Chief, Immunopathogenesis Section | National Institute of Allergy and Infectious Diseases, National Institutes of Health

09:05am - 09:35am

Burns and long-term infection risk

- > **Prof Fiona Wood AM, AUSTRALIA**
Winthrop Professor, Burns Injury Research Unit | School of Surgery, Faculty of Medicine, The University of Western Australia
Consultant Plastic Surgeon | Fiona Stanley Hospital and Perth Children's Hospital
Co-founder | Fiona Wood Foundation

09:40am - 10:10am

Prevention and treatment of viral infections in the immune compromised patient

- > **Prof Janet Englund**

10:15am - 10:40am

Coffee and tea break (Ground Floor Terrace)

10:45am - 11:15am

Facilitating translational research at the bedside

Chairs:

Clin A/Prof Asha Bowen &
Prof Nigel Curtis

- > **Prof Steve Webb, AUSTRALIA**
Professor, Critical Care Research | School of Public Health and Preventive Medicine, Monash University
Senior Staff Specialist, Intensive Care Medicine | Royal Perth Hospital

11:20am - 12:10pm

Debate We should bring back whole cell vaccines for pertussis

- > **Prof Andrew Pollard, UNITED KINGDOM**
- > **Prof Tom Snelling, AUSTRALIA**
Professor in Infectious Diseases | School of Public Health, The University of Sydney
Clinical Academic | Sydney Children's Hospitals Network

12:15pm - 12:25pm

Scoring of morning sessions

12:30pm - 01:25pm

Lunch (Ground Floor Terrace)

01:30pm - 02:00pm

An update on nontuberculous mycobacterial infections in children

Chairs:

Dr Phil Britton &
Prof David Burgner

- > **Prof Steven Holland, UNITED STATES OF AMERICA**



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02:05pm - 02:35pm	Complex bacterial infections in childhood <ul style="list-style-type: none">> Clin A/Prof Asha Bowen, AUSTRALIA Clinical Associate Professor Faculty of Health and Medical Sciences, Paediatrics, The University of Western Australia Leader, Skin Health Wesfarmers Centre of Vaccines & Infectious, Telethon Kids Institute Paediatric Infectious Diseases Specialist Department of Infectious Diseases, Perth Children's Hospital
02:40pm - 03:10pm	Infectious Disease Trainee Case Round (Topic TBC) <ul style="list-style-type: none">> A/Prof Chris Blyth, AUSTRALIA Co-Director Wesfarmers Centre of Vaccines & Infectious Diseases, Telethon Kids Institute Co-Leader, Infectious Diseases Epidemiology Wesfarmers Centre of Vaccines & Infectious Diseases, Telethon Kids Institute Head of Department Department of Infectious Diseases, Perth Children's Hospital Clinical Microbiologist Department of Microbiology, PathWest Laboratory Medicine> Prof Steven Holland, UNITED STATES OF AMERICA> Prof Andrew Pollard, UNITED KINGDOM> Dr Lesley Voss, NEW ZEALAND
03:15pm - 03:25pm	Closing remarks
03:30pm - 03:40pm	Scoring of afternoon sessions and survey
03:45pm	Coffee and tea (Ground Floor Terrace) and depart