

# ASCEPT Clinical Pharmacology Weekend

## ***'Pharmacoeconomics with interactive case studies'***

**18<sup>th</sup> & 19<sup>th</sup> May 2024**

St Vincent's Private Clinic  
Level 4 Function Room  
438 Victoria Street  
Darlinghurst, Sydney, NSW

### **Organising Committee:**

Dr Angela Molga  
Dr Matt Doogue  
Dr Darren Roberts  
Dr Bridin Murnion  
Dr Paul Chinz  
Dr Jonathan Brett, St Vincent's Hospital Sydney and UNSW  
Dr Evan Browne  
Simone Disborough ASCEPT Executive Officer

## Keynote Speaker

ASCEPT Clinical Pharmacology Weekend, May 2024 Sydney

### *Biography*

**Professor Zanfina Ademi, MPham, MPH, PhD**



Professor Zanfina Ademi leads the Health Economics and Policy Evaluation Research group at the Faculty of Pharmacy and Pharmaceutical Sciences, Monash University. Professor Ademi's program of research centers around the health economics of prevention, equity, population genomics, pharmacogenomics, and developing new metrics to quantify the burden of disease. She is currently a member of the Economics Sub Committee of the Pharmaceutical Benefits Advisory Committee which assesses clinical and economic evaluations of medicines submitted for listing on the Pharmaceutical Benefits Scheme. Professor Ademi has published >190 original publications in top-tier journals, including BMJ, NEJM, Lancet, JAMA Cardiology, JAMA Paediatrics, European Heart Journal, Neurology, Diabetes Care, PharmacoEconomics and Value in Health. She has worked in Australia, Finland, and Switzerland, leading funded research projects that attracted \$44M in funding

and have provided evidence on cost-effectiveness and return on investment enabling key decision-makers (governments, payers) to enact effective healthcare funding across the world.

### *Abstract*

The provision of high-quality healthcare amid escalating demand and financial constraints poses a significant challenge. In navigating this challenge, healthcare decision-making has become increasingly reliant on the assessment of costs, effectiveness, and efficiency. Health technology assessment is a pivotal domain, gaining prominence for its direct impact on healthcare decision processes, investments in research, and the sustainability of health systems. The evolution of evidence-based practice, originally rooted in applying clinical trial data to formulate guidelines, now extends beyond, incorporating a diverse array of real-world evidence that is patient-centric and drawn from multiple sources. This holistic evidence-based approach, encompassing rigorous cost and outcome evaluations, is expanding its scope from individual therapeutic interventions (pharmacoeconomics) to encompass broader public health strategies.

The first segment of the symposium will immerse attendees in a comprehensive exploration of pharmacoeconomics analysis, spotlighting instances within the realm of different therapeutics. Participants will be introduced to exemplars illustrating the elaborate evaluation of the effectiveness and cost-effectiveness of different interventions. Transitioning to the part 2 Professor Ademi will take the example to elucidate the current constraints within pharmacoeconomic models.

Professor Ademi will conclude the potential impact of these innovative pharmacoeconomic modeling approaches. By addressing limitations and proposing novel methodologies, the presentation aims to pave the way for enhanced prevention strategies and the provision of more robust evidence for the allocation of healthcare resources. Attendees can anticipate a thought-provoking session that not only delves into the intricacies of pharmacoeconomic modeling but also contemplates its broader implications for advancing primary prevention and resource optimisation.

## Program

<b>SATURDAY, 18<sup>th</sup> May</b>	
<b>08:00 – 08:30</b>	<b>Registration</b>
08:30	Weekend opening and ice breaker Dr Angela Molga
09:00	Prof Zanfina Ademi, Session 1 Facilitator: A.Prof Bridin Murnion
<b>10.00</b>	<b>Morning tea</b>
10:15	Prof Zanfina Ademi Session 2
10:45	Case discussions 1: Dr Nicholas Farinola Clinical Pharmacologist, Chair South Australian Formulary Committee Medical Head of Unit, Hospital Avoidance & Supported Discharge (HASD) - Integrated Care, Central Adelaide Local Health Network
11:30	Case discussions 2: Professor Andrew Dawson, Director National Poisons Register & Clinical Toxicology Senior Staff Specialist, Drug Health Royal Prince Alfred Hospital
<b>12:15</b>	<b>Lunch</b>
13:00	Introduction to trainee presentations Trainee Presentation 1
13:30	Trainee presentation 2
14:00	Trainee presentation 3
14:30	Trainee presentation 4
15:00	Trainee presentation 5
<b>15:30</b>	<b>Closing remarks, afternoon tea, and Trainee meeting</b>
<b>19:00</b>	<b>Dinner</b>

## Sunday, 19th May

09:00	Welcome to Day 2 and Case discussions 3: A/Prof Darren Roberts Staff Specialist Departments of Clinical Pharmacology and Toxicology, Renal Medicine and Transplantation, and Alcohol and Drug Services, St Vincent's Hospital Clinical Toxicologist and Pharmacologist, NSW Poisons Information Centre, Sydney Children's Hospitals Network
09:45	Trainee Presentation 6
<b>10:30</b>	<b>Morning tea</b>
11:00	Trainee Presentation 7
11:30	Trainee Presentation 8
12:00	Case discussions 3: A/Prof Matt Doogue Clinical Pharmacologist, Canterbury District Health Board
12:45	Trainee award and closing remarks Prof Arduino Mangoni Strategic Professor and Head of Clinical Pharmacology, College of Medicine and Public Health, Flinders University Senior Consultant in Clinical Pharmacology and Internal Medicine, Flinders Medical Centre
<b>13:00</b>	<b>Meeting close</b>