

## Conference Programme

<b>DAY 1 – Wednesday 30<sup>th</sup> August 2023 – WELCOME FUNCTION</b>	
18.30 – 18.35	<b>Welcome</b> Katie Burns <i>Chair of ASCEPT NZ</i>
18.35 – 19.30	<b>Registration opens.</b> Drinks, nibbles, and networking function

<b>DAY 2 – Thursday 31<sup>st</sup> August 2023 – ANNUAL SCIENTIFIC MEETING</b>	
08.30 – 09.00	<b>Registration opens. Tea and coffee available</b>
<b>Welcome / Housekeeping</b>	
09.00 – 09.10	<b>Katie Burns</b>
<b>Oral Communications Session 1 – Chair: Jacqui Hannam</b>	
09.10 – 09.30	The impact of allopurinol adherence patterns on outcomes in people with gout <b>Daniel Wright (A1)</b> University Of Otago
09.30 – 09.50	The Na <sup>+</sup> K <sup>+</sup> ATPase as a potential target for modulating neuroinflammation <b>Caitlin Oyagawa (A2)</b> University Of Auckland
09.50 – 10.10	Investigation of the interaction of proton-pump inhibitor drugs with capecitabine chemotherapy <b>Nuala Ann Helsby (A3)</b> University Of Auckland
10.10 – 10.40	Morning Tea
<b>Student Presentations 1 – Chair: Katie Burns</b>	
10.40 – 11.00	Activated yet in-active; the paradoxical effect of dasatinib on Lymphocyte Specific Kinase <b>Samantha Rickard (A4)</b> University Of Auckland
11.00 – 11.20	oCOM-21 Improves Haemodynamic Function and Enhances Ca <sup>2+</sup> Sensitivity by a Heme-Dependent Mechanism <b>Fergus Payne (A5)</b> University Of Otago
11.20 – 11.40	Structure guided poly-pharmacology targeting the bacterial GHKL proteins to overcome antibiotic resistance <b>Te Xiao (A6)</b> University Of Auckland
11.40 – 12.00	The effect of alcohol consumption on blood glucose in young adults with type 1 diabetes mellitus <b>Amy (Yoonseo) Chung (A7)</b> University of Otago

12.00 – 12.20	The effect of compulsory indications in electronic prescriptions for cardiovascular medicines <b>Lorna Pairman (A8)</b> University Of Otago
12.20 – 13.20	Lunch
<b>Symposium – Chair: Jack Flanagan</b>	
13.20 – 13.50	Human brain neuropharmacology <b>Mike Dragunow (A9)</b> University of Auckland
13.50 – 14.20	The critical role of dimethylarginine dimethylaminohydrolase-1 (DDAH1) in modulating vasculogenic mimicry in cancer: current evidence and therapeutic opportunities <b>Arduino Mangoni (A10)</b> Flinders University
14.20 – 14.50	More than a Class A placebo? A randomised controlled trial of microdosed lysergic-acid diethylamide <b>Rachael Sumner (A11)</b> University of Auckland
14.50 – 15.10	<b>Discussion/Question Time</b>
15.10 – 15.40	Afternoon Tea
<b>Oral Communications Session 2 – Chair: Ivan Sammut</b>	
15.40 – 16.00	Investigating clozapine transport kinetics using radiolabelled drug; a lot of work to prove we picked the wrong assay <b>Katie Burns (A12)</b> University Of Auckland
16.00 – 16.20	A systems overview of the clinical data environment for evaluating medicines use in NZ Hospitals <b>Matt Doogue and Lorna Pairman (A13)</b> University of Otago
16.20 – 16.40	Use of R-Shiny Apps to Enhance Learning of Core Concepts in Pharmacology <b>David Reith (A14)</b> University Of Otago
16.40 – 16.50	Comfort Break
<b>ASCEPT-NZ AGM</b>	
16.50 – 17.50	<b>AGM</b>
	Break
<b>Conference Dinner</b>	
18.30 onwards	<b>My Thai Lounge</b>

## DAY 3 – Friday 1<sup>st</sup> September 2023 – ANNUAL SCIENTIFIC MEETING

### Student Presentations 2 – Chair: Hesh Al-Sallami

09.00 – 09.20	Interruptive clinical decision support (CDS) alerts for improved prescribing: implications of prescriber overrides. <b>Milan Sundermann (A15)</b> University Of Otago
---------------	---

09.20 – 09.40	Prescribing Systems Alerts to Support Change in Funded ACE Inhibitors at Canterbury Hospitals <b>Kelvin Gong (A16)</b> Te Whatu Ora Waitaha Canterbury
09.40 – 10.00	Untangling the paradoxical dose-exposure-response relationship for allopurinol <b>Hailemichael Hishe (A17)</b> University Of Otago
10.00 – 10.20	Characterising the inotropic mechanism of action of oCOM-21 in isolated cardiomyocytes <b>Sam Nie (A18)</b> University Of Otago
10.20 – 10.40	Chemical proteomics approaches to elucidate the cytoprotective mechanism of compounds in human-brain derived pericyte oxidative stress models <b>Raahul Sharma (A19)</b> University Of Auckland
10.40 – 11.10	Morning Tea
<b>ASCEPT Guest Speaker – Chair: Matt Doogue</b>	
11.10 – 11.40	Orphan G protein-coupled receptors: pain points and opportunities <b>Nicola Smith (A20)</b> UNSW Sydney
<b>Oral Communications 3 – Chair: Matt Doogue</b>	
11.40 – 12.00	One inhibitor, two mechanisms? evidence for allosteric regulation of the lipid kinase PI3K $\alpha$ <b>Jack Flanagan (A21)</b> University Of Auckland
12.00 – 12.20	The good and not so good of dose banding for dose individualisation <b>Stephen Duffull (A22)</b> Certara
12.20 – 12.30	Conference Close and Prizegiving
12.30 – 13.30	Lunch