

Conference Programme

DAY 1 – Wednesday 29th August 2018 – WELCOME FUNCTION	
18.30 – 18.35	Welcome Nuala Helsby <i>Chair of ASCEPT NZ</i>
18.35 – 19.30	Registration opens. Drinks, nibbles, and networking function

DAY 2 – Thursday 30th August 2018 – ANNUAL SCIENTIFIC MEETING	
08.30 – 09.00	Registration opens. Tea and coffee available
Welcome – Nuala Helsby	
Oral Communications 1 – Chair: John Ashton	
09.00 – 09.15	Jack Flanagan (A1) University of Auckland <i>Evidence for an allosteric drug binding site in the lipid kinase PI3Ka</i>
09.15 – 09.30	Mei Zhang (A2) University of Otago <i>Stability of 6-thioguanine in mesalazine enemas: a possible future proctitis treatment.</i>
09.30 – 09.45	Maia Van Kan (A3) University of Auckland <i>Assessment of a PCR-based assay to detect TP53 adducts after exposure to DNA alkylating agents</i>
09.45 – 10.00	Christa Macdonald (A4) University of Auckland <i>Cannabinoid receptor expression and signalling in primary glioblastoma multiforme (GBM) cultures</i>
10.00 – 10.15	Paul Chin (A5) University of Otago <i>Real-world dabigatran concentration monitoring - Christchurch experience</i>
10.15 – 10.45	Morning tea
Student Presentations 1 – Chair: Hesham Al-Sallami	
10.45 – 11.00	Riya Biswas (A6) Auckland University of Technology <i>Role of MRP2 in oxaliplatin transport and response in colorectal cancer cells</i>

11.00 – 11:15	Xiao Zhu (A7) University of Otago <i>A kinetic model for describing signalling profiles of the cannabinoid-1 receptor</i>
11.15 – 11.30	Minghan Yong (A8) University of Auckland <i>Measurement of Thymidylate Synthase: the intracellular target of 5-fluorouracil</i>
11.30 – 11.45	Kieran Deane-Alder (A9) University of Auckland <i>Circulating microRNA expression and clozapine-induced cardiac injury</i>
11.45 – 12.00	Nensi Shrestha (A10) University of Otago <i>MAPK/ERK pathway and ALK inhibition has synergistic cytotoxicity in crizotinib resistant EML4-ALK-positive lung cancer</i>
12.00 – 12.15	Isabelle Kuan (A11) University of Otago <i>Should we use metformin in patients with chronic renal impairment? A systematic review of published metformin associated lactic acidosis cases</i>
12.15 – 13.00	Lunch
Symposium – Medicinal Cannabis or Cannabis as a Medicine? – Chair: Michelle Glass	
13.00 – 13.10	Michelle Glass (A12) University of Otago <i>An Introduction to Cannabis as a Medicine</i>
13.10 – 13.40	Mary Jane McCarthy (A13) Institute of Environmental Science and Research <i>Medicinal cannabis: a regulatory perspective</i>
13.40 – 14.10	Karen Oldfield (A14) Medical Research Institute of New Zealand <i>Medical Cannabis: Knowledge, Attitudes and Expectations amongst Wellington based General Practitioners</i>
14.10 – 14.50	Jennifer Martin (A15) University of Newcastle <i>Medical cannabis shows predictable pharmacological behaviour</i>
14.50 – 15.10	Panel Discussion
15.10 – 15.40	Afternoon tea
Oral Communications 2 – Chair: Chris Cameron	
15.40 – 15.55	John Ashton (A16) University of Otago <i>Cytotoxicity of curcumin derivatives in ALK+ non-small cell lung cancer cells.</i>
15.55 – 16.10	Katie Burns (A17) University of Auckland <i>mRNA expression of candidate 5-fluorouracil transporter genes in primary buccal mucosal cells</i>

16.10 – 16.25	David Finlay (A18) University of Otago <i>Evidence for in vivo toxicity of synthetic cannabinoids in rodents</i>
16.25 – 16.40	Soo Hee Jeong (A19) University of Auckland <i>An adapted assay to quantify thymine and dihydrothymine in patient urine after a thymine dose</i>
16.40 – 16.55	Paul Chin (A20) University of Otago <i>A nationwide survey on therapeutic drug monitoring of anti-tumour necrosis factor agents for inflammatory bowel disease</i>
16.55 – 17.00	Comfort Break
17.00 – 18.00	ASCEPT AGM
19.00	Conference dinner

DAY 3 – Friday 31st August 2018 – ANNUAL SCIENTIFIC MEETING

Invited Speaker – Chair: Steve Duffull

09.00 – 09.30	Catherine Sherwin (A21) University of Utah <i>Developing Precision Medicine Approaches in Paediatric Populations</i>
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Student Presentations 2 – Chair: Malcolm Tingle

09.30 – 09.45	Piyush Bugde (A22) Auckland University of Technology <i>Knock out of ABCC5 gene using the CRISPR-CAS9 system increases gemcitabine sensitivity in pancreatic cancer (PANC-1) cells</i>
09.45 – 10.00	Abigail Bland (A23) University of Otago <i>Metformin in Combination with Crizotinib as an Anti-Cancer Treatment for EML4-ALK+ Non-Small Cell Lung Cancer.</i>
10.00 – 10.15	Sudeep Pradhan (A24) University of Otago <i>Evaluation of a study design to test the Intact Nephron Hypothesis</i>
10.15 – 10.30	Mayerni Mutiara Situmorang (A25) University of Auckland <i>Characterization of Nucleobase Transport in Human Cells</i>
10.30 – 11.00	Morning tea

Student Presentations 3 – Chair: Katie Burns

11.15 – 11.30	Jaydeep Sinha (A26) University of Otago <i>Development of predictive model for lean liver volume, a potential scaler for in vitro-in vivo extrapolation of drug clearance</i>
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11.15 – 11.30	Jamie Manning (A27) University of Otago <i>An evaluation of novel allosteric modulators of the type-1 cannabinoid receptor.</i>
11.30 – 11.45	Jakeb Petersen (A28) University of Otago <i>Antihelminthic benzimidazoles mebendazole and albendazole kill cancer cells via classical apoptosis</i>
11.45 – 12.00	Stephanie Thwaite (A29) University of Otago <i>Attenuation of ischaemia reperfusion injury in hypertrophic hearts with a novel carbon monoxide releasing molecule, oCOM-21.</i>
12.00 – 12.45	Lunch
ASCEPT Guest Speaker – Chair: Nuala Helsby	
12.45 – 13.15	Carl Kirkpatrick (A30) Monash University <i>Vancomycin dosing, target attainment, and optimisation in patients receiving high-flux haemodialysis</i>
Oral Communications 3 – Chair: Dan Wright	
13.15 – 13.30	Stephen Jamieson (A31) University of Auckland <i>Anticancer efficacy of evofosfamide in head and neck cancer tumour models</i>
13.30 – 13.45	Nuala Helsby (A32) University of Auckland <i>Prediction of patients with severe to life threatening fluoropyrimidine-induced gastrointestinal toxicity using the thymine challenge test</i>
13.45 – 14.00	Chris Cameron (A33) Capital and Coast District Health Board <i>Fits or falls – it's all in the genes/jeans</i>
14.00 – 14.15	Mark McKeage (A34) University of Auckland <i>Do concomitant medicines impede safe and effective personalised lung cancer treatment in NZ?</i>
14.15 – 14.30	Matthew Doogue (A35) University of Otago <i>Recording Adverse Drug Reactions in New Zealand</i>
14.30 – 15.00	Conference Close and Prize Giving