

ASCEPT, APFP & APSA Joint Congress

1 – 4 Dec 2024 | Melbourne Convention & Exhibition Centre, Australia
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Poster presentation schedule

Monday, 2 December 2024

10:30 – 11:10

Cardiovascular	
P200	Characterising Remote Inflammatory Areas Within the Brain Following Acute Photothrombotic Stroke Charlotte Barker, Monash University
P202	Tetrahydrobiopterin mitigates cardiac aging: insights from in vitro and in vivo studies Dr Yin Cai, The Hong Kong Polytechnic University
P204	Doxorubicin-Induced Cardiotoxicity: Strategies for Cardioprotection Amanda Croft, Hunter Medical Research Institute
P206	Post-stroke cognitive impairment and brain hemorrhage are augmented in hypertensive mice David Wong Zhang, Centre for Cardiovascular Biology and Disease Research
P208	A novel Drp1 inhibitor to protect against anthracycline-induced cardiotoxicity Yali Deng, The University of Melbourne/ St. Vincent's Institute of Medical Research
P210	Analysis of 15,339 NSTEMI admissions for 12-month medication use according to revascularisation Adam Livori, Monash University/Grampians Health
P212	Diclofenac sodium attenuates APOC3-rich LDL-induced endothelial dysfunction and atherosclerosis in diabetic model Dr Bo-yi Pan, Chine Medical University
P213	The mPGES-1/PGE2/EP4 axis induces recovery from ischemia condition via recruitment of Tregs Prof Hideki Amano, Kitasato University School of Medicine
P326	Tilianin suppresses NLRP3 inflammasome to mitigate myocardial ischemia/reperfusion injury Prof Shoubao Wang, Institute of Materia Medica, Chinese Academy of Medical Science & Peking Union Medical College

Clinical Pharmacology

P216	Development and evaluation of online medication support tools for older people Temitope Esther Afolabi, The University of Sydney Faculty of Medicine and Health, Northern Clinical School, Clinical Pharmacology and Ageing
P218	Efficacy Quantitative Evaluation of Targeted Pulmonary Hypertension Drugs based on MBMA Prof Shi Aixin, Beijing Hospital
P220	Acceptability and implementation challenges of rheumatic heart disease prophylaxis: a qualitative study Eshetie Melese Birru, Curtin University
P222	Machine learning models for personalised dosing of oral anticoagulants: a systematic review Prof Michael Barras, School Of Pharmacy, The University of Qld
P224	Optimising the language and format of deprescribing recommendations to support implementability Dr Aili Langford, The University of Sydney
P226	Concomitant Green Tea Consumption Can Significantly Influence the Pharmacokinetics of Medications Nicki Kyriacou, The University of Sydney

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Clinical Pharmacology

P228	Embedding deprescribing recommendations in clinical practice guidelines: insights from guideline developers Shin Liao, Monash University
P230	Epicatechin suppresses C-C motif chemokine ligand 19 expression and ameliorates periodontitis Dr Tomomi Sano, Kyushu University

Education

P232	Developing a quality assessment tool for comprehensive medication reviews in primary care Aneesa Abdu, The University of Sydney
P234	Australian pharmacists' perspectives on the place of pharmacology in their professional practice Dr Anna-Marie Babey, The University of New England
P236	Comparative Resilience: Are mature aged students more resilient than school leavers? Amith Bombuwelage Don, Monash University
P238	Causes and outcomes of underperforming pharmacy students: implications for policy and practice Alice Campbell, The University of Sydney
P240	Assessing growth mindset and metacognitive awareness of teamwork among undergraduate pharmacy students Mudiyanselage Arani Senanya Dasanayake, Monash University
P242	Evaluation of a training program for pharmacist-delivered depression screening for older adults Duha Gide, The University of Sydney
P244	Adapting team-based oral presentations for students in online and blended subjects A/Prof Ross O'Shea, La Trobe University
P246	Identifying educational needs of pharmacists engaging in professional development: a systematic review Yalin Ozucelik, The University of Sydney
P248	Alternatives to Animal Models in Teaching Pharmacology Core Concepts– An Educators' perspective Dr Rahini Ragavan, La Trobe University
P250	Enhancing research skills through seminar analysis: Team-based learning approach in pharmaceutical education Dr Yassmin Samak, Monash University
P252	Exploring pharmacists' mental health support behaviours via simulated patients: mixed-methods pilot study Tina Ung, The University of Sydney
P254	An e-card game to promote student engagement in pharmacology: A 3-year data A/Prof Pornpun Vivithanaporn, Faculty of Medicine Ramathibodi Hospital, Mahidol University
P256	Student and supervisor perspectives on undergraduate skill development for research pathways Dr Megan Waldhuber, Monash University

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Pharmaceutical Sciences

P258	Compatibility of frequently prescribed paediatric IV medications in glucose and saline fluid Shoohb Alassadi, The University of Sydney
P260	Tailored lipid-polymer nanoparticles for targeted therapeutic nucleic acid delivery to bone marrow Ruba Almasri, The University of South Australia
P262	Analysis of Statins' Affinity towards PPAR Receptors: Multiple Docking and Neural Networks Prof Igor Iezhitsa, IMU University, School of Medicine
P264	Intestinal epithelial cell EphB4 increases lipid absorption by promoting IL-22 secretion Dr Xingfeng Liu, Institute of Materia Medica, Chinese Academy Of Medical Sciences And Peking Union Medical College
P266	A novel and targeted peptide drug conjugate for triple negative breast cancer Farhana Mollah, The University of Sydney
P268	Lipid-drug conjugates within supersaturated SNEDDS for improved oral delivery of Lopinavir Stephanie Stodulka, The University of South Australia
P270	Enhancing abiraterone pharmacokinetics with lipid-based formulations: addressing solubility and food-effect challenges Ali Taheri, The University of South Australia
P272	Encapsulation of Hibiscus sabdariffa extracts in alginate-chitosan beads to preserve antioxidant properties Dr Thilini Thrimawithana, RMIT University

Pharmacoepidemiology

P274	Australian polypharmacy trends by sex: A descriptive population-based study (2013-2023) Georgie Lee, The University of Western Australia
P276	Antidepressants for pain in older adults: a systematic review with meta-analysis Dr Sujita Narayan, The University of Sydney
P278	Clinical outcomes associated with drug-related hospitalisations in people with dementia Dr Mohammed Salahudeen, The University of Tasmania
P280	Medication use among the elderly: Survey from an urban area in Indonesia Dr Riana Rahmawati, Universitas Islam Indonesia
P282	Sodium-glucose co-transporter-2 inhibitors and non-genitourinary infections in diabetes: systematic review and meta-analyses Maria Jose Alfonso Arvez, Monash University
P284	Public benefit-risk assessment of vaccines: development and validation of methodological filters Dr Hiba El Masri, The University of Queensland
P286	Prevalence and factors of potentially inappropriate medication use in people with dementia Edward Chun Yin Lau, The University of Sydney
P288	Quantifying Polypharmacy and Medicines Use in Hospital Lorna Pairman, University of Otago
P466	Trends in hospital admissions from adverse drug reactions among older Australians Azizah Vonna, The University of Tasmania

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Respiratory & Inflammation

P290	Apocynin prevents cigarette smoke-induced impairments in synaptogenesis Alina Akhtar, RMIT University
P292	CXCL17 as a novel MRGPRX2 agonist: importance of cellular context Jie Ding, The University of Melbourne
P294	A novel pro-resolution therapy approach to treat pulmonary arterial hypertension Ting Fu, Monash University
P296	Antiviral Effects of ANO6/TMEM16 inhibitors Prof Min Goo Lee, Yonsei University
P298	Bombesin 3 receptor: a novel target for the deadliest cancer Mariah Stavrou, UNSW Sydney
P300	Diesel exhaust particles trigger mast cell alarmin release in asthmatic airway epithelium A/Prof Chih-Ming Weng, Taipei Medical University
P302	Circadian Biology of Lung Cancer: Facilitated Through a Multiplexed, Perfused, Multi-Well Plate Jana Zielinski, The University of Melbourne
P304	Pirfenidone reduces poly I:C-induced inflammation in elastase treated precision cut lung slices Dr Julia Chitty, Monash University
P306	Targeting CXCR3 with SCH546738 reduces disease features in severe asthma Dr Madison Coward-Smith, The University of Technology Sydney
P308	Soft-Cultured Lipofibroblasts Produce an Antifibrogenic Secretome Avanka Gunatilaka, The University of Melbourne
P310	Targeting cAMP-specific phosphodiesterase to treat acute respiratory distress syndrome Prof Tsong-Long Hwang, Chang Gung University of Science and Technology

Traditional Medicines

P312	A novel coumarin-based MT compound exhibits anti-inflammatory activities in LPS-activated macrophages Prof Ming-jen Hsu, Taipei Medical University
P314	Effect of Myrmecodia platytyrea extract on lipopolysaccharide-stimulated inflammatory mediators in murine macrophages Dr Aisyah Jaafar, Universiti Teknologi Mara
P316	Coffea arabica pulp extract and its potential therapy to treat colitis Purit Kulworasreth, Princess Srisavangavadhana College of Medicine
P318	Contributions of the natural health products industry to pharmacovigilance, a scoping review Xin Yi Lim, The University of Auckland
P320	Discovery of Madecassoside as a pharmacological agent for skin wound healing Tadhi Sucharitakul, Princess Srisavangavadhana College of Medicine, Chulabhorn Royal Academy
P321	Atopic dermatitis, Monotropein, Keratinocytes, Skin inflammation Inyoung Yang, Kyungpook National University

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Traditional Medicines

P323	Excavating anti-epilepsy 3,4,5-trimethoxycinnamic acid derivatives inspired from Traditional Chinese Medicine <i>Polygala tenuifolia</i> Dr Zefeng Zhao, Shaanxi University of Chinese Medicine
P325	Effects of Salvianolic acid A on the heart failure Prof Lianhua Fang, Institute of Materia Medica, Chinese Academy of Medical Sciences and Peking Union Medical College

Cardiovascular

P201	The small-molecule AdipoRon improves cardiac function in a type-2 diabetes mouse model Dr Miles De Blasio, Monash University
P203	Single-cell transcriptome analyses reveal the roles of B cells in fructose-induced hypertension Prof Inkyeom Kim, Kyungpook National University
P205	Febuxostat ameliorates endothelial dysfunction in indoxyl sulfate-induced human aortic endothelial cells Hsin Jou Lee, National Yang Ming Chiao Tung. University
P207	Vericiguat and Verapamil reduce phenylephrine responses in endothelial impaired IMA segments Alex Minopoulos, The University of Adelaide
P209	Mitochondrial-targeted therapies exhibit cardioprotection in diabetes-induced human cardiac organoids Alex Parker, Monash University
P211	Sex-selective exaggerated obesity-induced cardiometabolic phenotype in gastric inhibitory polypeptide receptor-deficient mice Timothy Roberts, Monash university
P214	Pharmacological inhibition of interleukin-18 attenuates deoxycorticosterone/salt-induced hypertension, renal inflammation and capillary rarefaction Buddhila Wickramasinghe, La Trobe University
P215	Adipose overexpression of mitochondrial catalase alters cardiac proteome during cancer-induced cardiac cachexia Amanda Croft, Hunter Medical Research Institute

Clinical Pharmacology

P217	Comparison of methods to estimate busulfan exposure in paediatric bone marrow transplantation Nishat Siddique, The University of Queensland
P219	Population pharmacokinetics of benzathine penicillin G in pregnant women with syphilis Eshetie Melese Birru, Curtin University
P221	How aged care home workers understand the PRACTICE tool? cognitive interview study Boyi "Douglas" Chen, The University of Sydney
P223	Barriers of rheumatic heart disease secondary prophylaxis: Exploring patients' experience Eshetie Melese Birru, Curtin University
P225	Factors contributing to variability in response to follitropins: a systematic review Toni Michael, The University of Sydney
P227	Safety of a computerised physician order entry system assessed using simulation scenarios Milan Sundermann, University of Otago

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Clinical Pharmacology

P229	Physiologically Based Pharmacokinetic Model Development, Validation, and Application of KY0467 in Pediatric Panpan Xie, Beijing Hospital
P231	Systematic Review: Impact of Anti-TNF and Small Molecules on Depression/Anxiety in IBD Irwin Kashani, Flinders University

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Monday, 2 December 2024

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Education

P233	Implementation of a "Blocked Curriculum" Teaching Model in a Second-Year Pharmaceutics Course Dr Tim Barnes, The University of South Australia
P235	What does Community Want? How pharmacy should walk with First Nations Australians Alexander Burke, The University of Sydney
P237	Leveraging Generative AI for Core Concept Identification in Pharmacology: A Proof-of-concept Study Alison Etukakpan, Monash University
P239	Fostering study skills, connectedness and belonging in international students: Night Against Procrastination Dr Betty Exintaris, Monash University
P241	Teaching clinical skills online in pharmacy education: a scoping review Lailaturrahmi, Monash University
P243	Students' experiences, perceptions of hybrid learning in pharmacology education: A case study Dr Suong Ngo, The University of Adelaide
P245	Systematic Review of Generative Artificial Intelligence Applications in Health Profession Education Thai Duong Pham, Faculty of Pharmacy and Pharmaceutical Sciences, Monash University
P247	Core Concepts in Pharmacology: Impact on Educators (Pilot survey) A/Prof Alison Shield, The University of Canberra
P249	Pharmacists, interns and students' views on preparedness and training for domestic violence Dr Harjit Kaur Singh, Monash University
P251	Improving pharmacy student confidence in pharmacogenomics: finding the optimal educational combination Ruby Soueid, The University of Sydney
P255	Decolonising pharmacy curricula: a scoping review Dr Megan Waldhuber, RMIT University

Pharmaceutical Sciences

P257	The impact of medication swallowing lubricants on drug dissolution Dr Ayman Allahham, RMIT University
P259	Targeting Cathepsin S Modulates Tumor Immunity in Head and Neck Cancer Prof Jang-yang Chang, Taipei Medical University
P261	Lysine improves the aerosolization and stability of cannabidiol dry powder Komal Komal, University of Otago
P265	Using nanobodies to facilitate drug delivery across the blood-brain barrier in gliomas Pranav Runwal, Monash University
P267	Enhancing formulation stability of monoclonal antibodies with ionic liquids Miftahus Saadah, The University of Sydney
P269	Pharmacological activation of cannabinoid-sensing G-protein coupled receptor 55 promoted skin wound healing Nannaphat Suwannakul, Princess Srisavangavadhana College of Medicine Chulabhorn Royal Academy

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Pharmaceutical Sciences

P271	Mechanistic insights into the zinc-sensing G-protein coupled receptor 39-promoted skin wound healing Ungkarit Wachapathana, Chulabhorn Royal Academy
P273	Cell cycle variation in drug-tolerant persister cells in non-small cell lung cancer Mo Zhou, Osaka University

Pharmacoepidemiology

P275	Sedative and anticholinergic medication use in older people with dementia in Australia Edward Chun Yin Lau, The University of Sydney
P277	STOPPFrail medication use in aged care: comparison across Asia, Oceania and Europe Shin Liau, Monash University
P279	Indonesian medication adherence instruments' validity and reliability for diabetes and hypertension: review Riana Rahmawati, Universitas Islam Indonesia
P281	Anabasine in urine: distinguishing conventional cigarette use at individual and population level Min-Tz Weng, The University of Queensland
P283	Priorities for medication management information resources for people with dementia and carers Dr Mouna Sawan, The University of Sydney
P285	Predictors of Hospitalisation and Mortality in People with Dementia using Antipsychotics Timothy Josh Tan, The University of Sydney
P287	Translating evidence to practice: pharmacist-led deprescribing and the SaferMedsNL initiative Dr Josh Turner, Monash University
P289	Exploring potential markers of gender diversity in Pharmaceutical Benefits Scheme (PBS) data Sam Wade, Monash University

Respiratory & Inflammation

P291	Sexual Dimorphism in the Sugen-Hypoxia Mouse Model of Pulmonary Arterial Hypertension Chloe Landy, Monash University
P293	IL-21/IL-21R mediates fibrocyte activation in airway fibrosis of severe asthma Dr Hong-Sheng Lee, Chen Wei-tien Research Center of Thoracic Medicine, Taipei Medical University
P295	Particulate matter exposure enhances dendritic cell responses in asthma and asthma severity Eyla Oxborrow, The University of Technology Sydney
P297	Factors Influencing Antimicrobial Decision-Making in Respiratory Tract Infections Savannah Reali, The University of Sydney
P301	Pro-resolving FPR agonist Cmpd17b relaxes mouse and human pulmonary arteries William Studley, Monash University
P303	Complementary actions of casein kinase1d/e inhibitor PF670462 and tyrosine kinase inhibitor nintedanib Dr Daniel Tan, The University of Melbourne
P305	Maternal Thirdhand E-vapour exposure impacts offspring lung health in experimental asthma model Andie Thorpe, The University of Technology Sydney

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Respiratory & Inflammation

P307	Targeting the chemokine receptor, CXCR3, SCH5436738 in asthma Jessica Tolentino, The University of Technology Sydney
P309	HIF-1α mediates mitochondrial damage of FLS in rheumatoid arthritis by down-regulating ALKBH7 Prof Lingling Zhang, Anhui Medical University

Traditional Medicines

P311	Therapeutic features of Cold Atmospheric Plasma in the Treatment of Atopic Dermatitis Jabborov Abdulaziz, Kyungpook National University
P313	Myrmecodia platytyrea tuber extract modulates inducible enzyme expressions in lipopolysaccharide-activated murine macrophages Dr Aisyah Jaafar, Universiti Teknologi Mara
P315	Methyl eugenol improves ovariectomy-induced osteoporosis in rats and suppresses osteoclastogenesis in vitro Prof Yen-mei Lee, Department of Pharmacology, National Defense Medical Center
P317	Pharmacovigilance-related regulatory obligations for the natural health products industry: a scoping review Xin Yi Lim, The University of Auckland
P319	Identification of a novel proteasome inhibitor Xerophenone H and its anticancer effects Prof Jinjian Lu, University of Macau
P322	Astragalus membranaceus extract alleviates colorectal tumorigenesis through modulating gut microbiota and metabolites A/Prof Yiyang Wu, Chengdu Medical College
P324	Tenuifolin attenuates schizophrenia-like behaviors in mice Prof Yonghe Zhang, Peking University Health Science Center
P327	The effect and mechanism of kaempferol targeting galectin-3 in anti-thrombotic stroke Prof Ye-Hua Wang, Institute of Materia Medica, Chinese Academy of Medical Sciences & Peking Union Medical College