



ISPE's 17th Asian Conference on Pharmacoepidemiology
21 – 23 November 2025 • Hong Kong



Conference Program

As at 23 September 2025. Subject to change.

Friday 21 November 2025

Educational Session Program (optional)

Venue: Cyberport, Cyberport 3, 100 Cyberport Road, Hong Kong

Lunch is not included in the registration fee. [Cyberport Arcade](#) has many food venues where delegates can purchase lunch.

08:00-17:00	Registration and Information Desk Open
08:30-17:00	TRACK A: DATABASE PHARMACOEPIDEMIOLOGY (INTRODUCTORY/INTERMEDIATE)
08:30-17:00	TRACK B: NON-DATABASE PHARMACOEPIDEMIOLOGY (INTRODUCTORY/INTERMEDIATE)
09:00-17:00	TRACK C: ARTIFICIAL INTELLIGENCE TOOLS TO SUPPORT PHARMACOEPIDEMIOLOGY RESEARCH
09:00-17:00	TRACK D: ADVANCED PHARMACOEPIDEMIOLOGY
17:30-19:00	WELCOME RECEPTION Venue: Delaney's Restaurant, Cyberport
19:00-21:00	Student Tram Party (Departs Whitty Street Tram Depot)

Day 1 – Saturday 22 November 2025

Venue: The University of Hong Kong, Lecture Theatre 1 & 2, 1/F, 3 Sassoon Road, Pokfulam Hong Kong

07:30-17:15	Registration and Information Desk Open	
08:30-10:00	OPENING PLENARY	
08:30-09:00	Conference Opening and Welcome Addresses	
09:00-10:00	Keynote Presentation: Digital tools for decentralized trials and digital endpoints Amy Chan , School of Pharmacy, The University of Auckland	
10:00-10:40	MORNING BREAK / EXHIBITION / POSTER VIEWING	
10:45-12:15	CONCURRENT SYMPOSIA	
	Session 1: China mainland real world data landscape today and tomorrow Moderators: Kinwei Arnold Chan , Senior Vice President, TriNetX, LLC Joe Blais , The University of Hong Kong Speakers: Zhenna Huang , Center for Observational Research, Amgen Jifang Zhou , China Pharmaceutical University Pei Gao , Peking University Huiyao Huang , Cancer Hospital of Chinese Academy of Medical Science, National Cancer of China	Session 2: AI/ML applications in pharmacoepidemiology: Risk identification and management in Asian populations Moderators: Rui She , The Hong Kong Polytechnic University Aimin Yang , The Chinese University of Hong Kong Speakers: Aimin Yang , The Chinese University of Hong Kong Wai Kit Ming , City University of Hong Kong Shanquan Chen , London School of Hygiene & Tropical Medicine Sha Feng , Shenzhen Institute of Advanced Technology, Chinese Academy of Sciences Da Feng , Shenzhen Institute of Advanced Technology, Chinese Academy of Sciences Fan Jiang , Shandong University Yuanxuan Cai , Huazhong University of Science and Technology

12:15-13:40 LUNCH SPOTLIGHT POSTER SESSION 1		
13:45-15:15 CONCURRENT CONTRIBUTED PAPERS		
	Session 1: Pharmacovigilance and medication safety: Carditis, deprescribing in elderly and medical devices	Session 2: Artificial intelligence and methods in pharmacoepidemiology
13:45-14:00	Top 10 drugs most frequently associated with myocarditis and pericarditis adverse events Hyesu Jo, Kyung Hee University	Using routine clinical data to identify high-risk prediabetes for diabetes and cardiovascular-complications Aimin Yang, Chinese University of Hong Kong
14:00-14:15	Short-term risk of urinary retention following recent elevations in anticholinergic burden Daniel Tsai, National Cheng Kung University	Target trial emulation in oncology: Current use and future directions Huiyao Huang, Cancer Hospital of Chinese Academy of Medical Science, National Cancer of China
14:15-14:30	Patient satisfaction and adverse reactions to isotretinoin in acne patients Sunita Kularia, Parul University	Individualized treatment effect estimation in bipolar disorder: A causal machine learning approach Junhyuk Chang, Ajou University Graduate School of Medicine
14:30-14:45	Non-invasive imaging of facial erythema treated with a transdermal delivery system Wiktor Odrzywołek, Medical University of Silesia	Methodological comparison of creatinine clearance calculation in chronic kidney disease Gayatri Panicker, Manipal College of Pharmaceutical Sciences
14:45-15:00	Development and validation of causality assessment tool for adverse-events to medical devices Adusumilli Pramod Kumar, Ramaiah University of Applied Sciences	Transcriptomic and pharmacogenomic analysis reveals biomarker-guided drug repositioning opportunities in DKD Nadyatul Husna, Reksodiwiry Military Hospital Padang
15:00-15:15	Barriers to adverse-event reporting of dental devices: A cross-sectional survey in India Jeesa George, M S Ramaiah University of Applied Sciences	Tree-based scan statistics for surveillance of infant outcomes following paternal medication use Tran Nam Tien Nguyen, Vietnamese National DI&ADR Centre, Hanoi University of Pharmacy
15:15-15:55 AFTERNOON BREAK /EXHIBITION / POSTER VIEWING		
16:00-17:30 CONCURRENT SYMPOSIA		
	Session 3: Real World Oncology Data in the Asia-Pacific: Comparisons and Collaborations for Pharmacoepidemiologists	Session 4: Data Environment in Asia and Multi-National RCT-DUPLICATE Project: Challenge, Insights and Value
	Moderators: Benjamin Daniels , University of New South Wales Sydney Krishna Undela , National Institute of Pharmaceutical Education and Research (NIPER) Speakers: Benjamin Bates , Rutgers University Wei Kang , Tianjin University Shuei He Yang , National Cheng Kung University Ju Hwan Kim , Sungkyunkwan University Hiraku Kumamaru , Yokohama City University	Moderator: Kenneth Man , University College London In-Sun Oh , Sungkyunkwan University Speakers: Francisco Lai , The University of Hong Kong Hwa Yeon Ko , Sungkyunkwan University Edward Lai , National Cheng Kung University Jenni Ilomaki , Monash University
17:30 END OF DAY 1		
18:30-19:30 GALA DINNER Venue: Ming Pavilion, Senior Common Room, 14/F, KK Leung Building, The University of Hong Kong		

Day 2 – Sunday 23 November 2025

Venue: The University of Hong Kong, Lecture Theatre 1 & 2, 1/F, 3 Sassoon Road, Pokfulam Hong Kong

07:30-16:00Registration and Information Desk Open		
08:00-08:50AsPEN Showcase		
	Moderators: Hiraku Kumamaru, Yokohama City University and Ju-Young Shin, Sungkyunkwan University Part 1: Introduction to AsPEN – Ju-Young Shin, Sungkyunkwan University Part 2: Current Achievements of AsPEN – Daniel Tsai, National Cheng Kung University Part 3: Future Directions of AsPEN – Kenneth Man, University College London	
09:00-10:30CONCURRENT CONTRIBUTED PAPERS		
	Session 3: Vaccines and infectious diseases	Session 4: Pharmacoepidemiology at the macro level: Drug utilisation, policy impacts and global pharmacogenetics
09:00-09:15	Cardiovascular effects of influenza vaccination: Target trial emulation using proximal causal inference Jinxin Guo, Peking University	Real-world treatment patterns and outcomes of biologics in severe asthma in Taiwan Hung-Wei Lin, IQVIA Solutions
09:15-09:30	Safety of 23-valent pneumococcal polysaccharide vaccine in older adults: The VENUS Study Shiori Nishimura, Yokohama City University	Assessing ENDS impact on COPD: A systematic review and meta-analysis Ajay Malvi, National Institute of Pharmaceutical Education and Research
09:30-09:45	Association between antibiotic use for non-gastrointestinal infections and inflammatory bowel disease flare-ups Yin Zhang, The University of Hong Kong	Nationwide serial cross-sectional study for outpatient cancer chemotherapy after new policy implementation Takehiro Ishida, Teikyo University
09:45-10:00	Autoimmune disease risk after COVID-19 vaccination: A self-controlled case series Kevin Yi-Chen Liao, National Cheng Kung University	Impact of gender-affirming hormonal therapy on medication use: Interrupted time series analysis Sam Wade, Monash University
10:00-10:15	Short-, medium- and long-term sequelae following COVID-19 infection: A multi-national cohort study Ran Zhang, The University of Hong Kong	Impacts of dedicated budget policy on long-acting injectable antipsychotic usage in Taiwan Grace Hui-Min Wu, Global Epidemiology, Johnson & Johnson
10:15-10:30	Long-Term effects and quality of life: COVID-19 versus vaccination over one year Yogendra Shrestha, Parul University	A multi-tier regressive markup pricing model for imported medicines in Sri Lanka Kalpani Aleththuge, University of Moratuwa
10:30 – 11:10MORNING BREAK / EXHIBITION / POSTER VIEWING		
11:15-12:45CONCURRENT SYMPOSIA		
	Session 5: Evidence generation using multi-jurisdictional real-world data throughout the drug life cycle	Session 6: Harmonizing Post-Marketing Safety Evaluation Using RWD Across Regions
	Moderators: Simon Bell, Monash University Siyan Zhan, Peking University Speakers: Celine Chui, The University of Hong Kong Ching-Lung Cheung, The University of Hong Kong Hong Bin Sungkyunkwan University Zanfina Ademi, Monash University George Tan, Monash University Olaf Klungel, Utrecht University	Moderators: Yongjing Zhang, Office of the Chief Medical Officer, Johnson & Johnson Suzu Chia-Hsien Chang, Center for Observational Research, Amgen Speakers: Nakajo Ko, Office of the Chief Medical Officer, Johnson & Johnson Ju-Young Shin, Sungkyunkwan University Jeff Lange, Center for Observational Research, Amgen Marie De Bruin, Utrecht University
12:45-14:10LUNCH POSTER SPOTLIGHT SESSION 2		

Day 2 – Sunday 23 November 2025 Continued

14:15-15:45 CONCURRENT CONTRIBUTED PAPERS		
	Session 5: Cardiometabolic pharmacoepidemiology	Session 6: Central nervous system pharmacoepidemiology
14:15-14:30	Effect of SGLT2i treatment durations on cardiovascular outcomes: target trial emulation study Bin Hong, Sungkyunkwan University	Aspirin in pregnancy and risk of atopic and neurodevelopmental disorders in offspring Brian Meng Hsun Li, National Cheng Kung University
14:30-14:45	Optimal INR target for atrial fibrillation patients with and without mitral stenosis Yu Yang, The University of Hong Kong	Utilization of methylphenidate and atomoxetine among children and adolescents in South Korea Kim Seonghae, Chungnam National University
14:45-15:00	Prescribing patterns and effectiveness of PCSK9 inhibitors in Hong Kong Bingbing Zhu, The University of Hong Kong	Outcomes related to persistent opioid use after surgery or trauma Jiayi Gong, University of Auckland
15:00-15:15	Impact of diabetes mellitus on drug-induced liver injury in tuberculosis patients Ruina Chen, Nanjing Medical University	Association between gabapentinoid and risk of traumatic fracture a multinational observation study Siu Chung Andrew Yuen, University College London
15:15-15:30	Risk of asthma exacerbation among users of novel antidiabetic agents: Target-trial emulation Avery Shuei-He Yang, Population Health Data Center	Comparing fracture risks following aripiprazole versus other prolactin-sparing antipsychotics after prolactin-increasing antipsychotics Wenxin Tian, The University of Hong Kong
15:30-15:45	Association of pioglitazone and risk of epilepsy using the US Collaborative Network Albert Tzu-Ming Chuang, Population Health Data Center	Economic evaluation of antidepressants in China: Development of a meta-model Liming Zhao, China Pharmaceutical University
15:45-16:25 AFTERNOON BREAK / EXHIBITION / POSTER VIEWING		
16:30-17:45 CLOSING PLENARY		
16:30-17:30	Keynote Presentation: From data to decisions: How real-world evidence transforms healthcare policy and practice Mary Beth Ritchey, Med Tech Epi, LLC; ISPE Immediate Past-President	
17:30-17:45	Awards Presentations and Conference Close	
17:45 END OF CONFERENCE		