



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



HKU
Med
LKS Faculty of Medicine
Department of Pharmacology
& Pharmacy
香港大學藥劑學系



Conference Program

As at 14 November 2025. Subject to change.

Friday 21 November 2025

Educational Session Program (optional, additional fee)

(PLEASE SEE INDIVIDUAL TRACK PROGRAMS FOR DETAILS)

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)
Room:	Cyberport, Function Room 1
08:30-17:00	TRACK B: NON-DATABASE PHARMACOEPIDEMIOLOGY (INTRODUCTORY/INTERMEDIATE)
Room:	Cyberport, Smart Living Lab 3
09:00-17:00	TRACK C: ARTIFICIAL INTELLIGENCE TOOLS TO SUPPORT PHARMACOEPIDEMIOLOGY RESEARCH
Room:	Cyberport, Function Room 2
09:00-17:00	TRACK D: ADVANCED PHARMACOEPIDEMIOLOGY
Room:	Cyberport, Training Theatre
09:00-13:00	ISPE BOARD MEETING
Room:	Cyberport, Smart Living Lab 2
17:30-19:00	WELCOME RECEPTION
	Venue: El Charro Mexican Cantina, The Arcade, Cyberport
19:00-21:00	STUDENT TRAM PARTY (Departs Whitty Street Tram Depot at 7pm)

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
Room:	Lecture Theatre 1 & 2
08:30-09:00	Conference Opening and Welcome Addresses
	MC: Vincent Yan , President of the ISPE Student Chapter (Hong Kong) MC: Eunice Deng , Vice-president of the ISPE Student Chapter (Hong Kong) Ursula Kirchmayer , ISPE President Esther W.Y. Chan , Local Host Committee Chair & Conference Co-Chair; The University of Hong Kong Hiraku Kumamaru , ISC Chair & Conference Co-Chair; Yokohama City University Chak-Sing Lau BBS, JP - Vice-President & Pro-Vice-Chancellor (Health), Dean of Medicine, The University of Hong Kong
09:00-10:00	Keynote Presentation
	100. 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		
Room:	Lecture Theatre 1	Lecture Theatre 2
	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
12:15-13:35 LUNCH		
12:30-13:25 SPOTLIGHT POSTER SESSION 1 (PLEASE SEE SPOTLIGHT POSTER PROGRAM FOR DETAILS) Group 1 – Cardiometabolic medicines and diabetes research Room: 3 Sassoon Road, 1/F Learning Commons B Group 2 – Validation, drug utilization and outcome studies Room: 5 Sassoon Road, G/F SR1A		
13:40-15:15 CONCURRENT CONTRIBUTED PAPERS		
Room:	Lecture Theatre 1	Lecture Theatre 2
	Session 1: Pharmacovigilance and medication safety: Carditis, deprescribing in elderly and medical devices Moderators: Masato Takeuchi, Shizuoka Graduate University of Public Health Shilpa Palaksha, JSS College of Pharmacy	Session 2: Artificial intelligence and methods in pharmacoepidemiology Moderators: Olaf Klungel, Utrecht University Hu Li, Neurocrine Biosciences
13:45-14:00	101. Top 10 drugs most frequently associated with myocarditis and pericarditis adverse events Hyesu Jo, Kyung Hee University	107. 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	102. Short-term risk of urinary retention following recent elevations in anticholinergic burden Daniel Tsai, National Cheng Kung University	108. 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	103. Patient satisfaction and adverse reactions to isotretinoin in acne patients Sunita Kularia, Parul University	109. Individualized treatment effect estimation in bipolar disorder: A causal machine learning approach Junhyuk Chang, Ajou University Graduate School of Medicine
14:30-14:45	104. Non-invasive imaging of facial erythema treated with a transdermal delivery system Wiktor Odrzywółek, Medical University of Silesia	110. Methodological comparison of creatinine clearance calculation in chronic kidney disease Gayatri Panicker, Manipal College of Pharmaceutical Sciences
14:45-15:00	105. Development and validation of causality assessment tool for adverse-events to medical devices Adusumilli Pramod Kumar, Ramaiah University of Applied Sciences	111. Transcriptomic and pharmacogenomic analysis reveals biomarker-guided drug repositioning opportunities in DKD Nadyatul Husna, Reksodiwiryo Military Hospital Padang
15:00-15:15	106. Barriers to adverse-event reporting of dental devices: A cross-sectional survey in India Jeesa George, M S Ramaiah University of Applied Sciences	112. Quasi-quantitative bias analysis of comparator choice for Denosumab in KAERS database Suvin Park, Ewha Womans University
15:15-15:55 AFTERNOON BREAK /EXHIBITION / POSTER VIEWING		

16:00-17:30 CONCURRENT SYMPOSIA		
Room:	Lecture Theatre 1	Lecture Theatre 2
	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 Brian Meng Hsun Li , National Cheng Kung University Jenni Ilomaki , Monash University
17:30 END OF DAY 1		
18:30-21:30	GALA DINNER Venue: Ming Pavilion, Senior Common Room, 14/F, KK Leung Building, The University of Hong Kong MC: Vincent Yan , President of the ISPE Student Chapter (Hong Kong) MC: Eunice Deng , Vice-president of the ISPE Student Chapter (Hong Kong) Performance by The University Philharmonic Orchestra, Cultural Association, 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

07:30-16:00 Registration and Information Desk Open		
08:00-08:50 AsPEN Showcase		
Room:	Lecture Theatre 2	
	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	
08:55-10:30 CONCURRENT CONTRIBUTED PAPERS		
Room:	Lecture Theatre 1	Lecture Theatre 2
	Session 3: Vaccines and infectious diseases	Session 4: Pharmacoepidemiology at the macro level: Drug utilisation, policy impacts and global pharmacogenetics
	Moderators: Simon Bell, Monash University Hisashi Urushihara, Keio University	Moderators: Christopher T Rentsch, London School of Hygiene & Tropical Medicine Jiayue Xu, Sichuan University
09:00-09:15	200. Cardiovascular effects of influenza vaccination: Target trial emulation using proximal causal inference Jinxin Guo, Peking University	206. Real-world treatment patterns and outcomes of biologics in severe asthma in Taiwan Hung-Wei Lin, IQVIA Solutions
09:15-09:30	201. Safety of 23-valent pneumococcal polysaccharide vaccine in older adults: The VENUS Study Shiori Nishimura, Yokohama City University	207. Assessing ENDS impact on COPD: A systematic review and meta-analysis Ajay Malvi, National Institute of Pharmaceutical Education and Research
09:30-09:45	202. Association between antibiotic use for non-gastrointestinal infections and inflammatory bowel disease flare-ups Yin Zhang, The University of Hong Kong	208. Nationwide serial cross-sectional study for outpatient cancer chemotherapy after new policy implementation Takehiro Ishida, Teikyo University
09:45-10:00	203. Autoimmune disease risk after COVID-19 vaccination: A self-controlled case series Kevin Yi-Chen Liao, National Cheng Kung University	209. Impact of gender-affirming hormonal therapy on medication use: Interrupted time series analysis Sam Wade, Monash University
10:00-10:15	204. Short-, medium- and long-term sequelae following COVID-19 infection: A multi-national cohort study Ran Zhang, The University of Hong Kong	210. 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	205. Long-Term effects and quality of life: COVID-19 versus vaccination over one year Yogendra Shrestha, Parul University	211. A multi-tier regressive markup pricing model for imported medicines in Sri Lanka Kalpani Aleththuge, University of Moratuwa
10:30 – 11:10 MORNING BREAK / EXHIBITION / POSTER VIEWING		
11:15-12:45 CONCURRENT SYMPOSIA		
Room:	Lecture Theatre 1	Lecture Theatre 2
	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

Day 2 – Sunday 23 November 2025 Continued

12:45-14:10	LUNCH	
13:00-13:55	POSTER SPOTLIGHT SESSION 2 (PLEASE SEE SPOTLIGHT POSTER PROGRAM FOR DETAILS) Group 1 – Research applying advanced methods in pharmacoepidemiology Room: 3 Sassoon Road, 1/F Learning Commons B Group 2 – Safety, implementation, and health system research Room: 5 Sassoon Road, G/F SR1A	
14:10-15:45	CONCURRENT CONTRIBUTED PAPERS	
Room:	Lecture Theatre 1	Lecture Theatre 2
	Session 5: Cardiometabolic pharmacoepidemiology	Session 6: Central nervous system pharmacoepidemiology
	Moderators: Shan Luo, The University of Hong Kong Yusuke Okada, Keio University	Moderators: Kiyoshi Kubota, NPO Drug Safety Research Unit Seungjin Bae, Ewha Womans University
14:15-14:30	212. Effect of SGLT2i treatment durations on cardiovascular outcomes: target trial emulation study Bin Hong, Sungkyunkwan University	218. Aspirin in pregnancy and risk of atopic and neurodevelopmental disorders in offspring Brian Meng Hsun Li, National Cheng Kung University
14:30-14:45	213. Optimal INR target for atrial fibrillation patients with and without mitral stenosis Yu Yang, The University of Hong Kong	219. Utilization of methylphenidate and atomoxetine among children and adolescents in South Korea Kim Seonghae, Chungnam National University
14:45-15:00	214. Prescribing patterns and effectiveness of PCSK9 inhibitors in Hong Kong Bingbing Zhu, The University of Hong Kong	220. Outcomes related to persistent opioid use after surgery or trauma Jiayi Gong, University of Auckland
15:00-15:15	215. Kidney outcomes of Dapagliflozin-10mg versus Empagliflozin-10mg versus Empagliflozin-25mg: Propensity-matched cohort study Johnny Cheung, The Chinese University of Hong Kong; Prince of Wales Hospital	221. Association between gabapentinoid and risk of traumatic fracture a multinational observation study Siu Chung Andrew Yuen, University College London
15:15-15:30	216. Risk of asthma exacerbation among users of novel antidiabetic agents: Target-trial emulation Avery Shuei-He Yang, Population Health Data Center	222. 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	217. Association of pioglitazone and risk of epilepsy using the US Collaborative Network Albert Tzu-Ming Chuang, Population Health Data Center	223. 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	
Room:	Lecture Theatre 2	
16:30-17:30	Keynote Presentation	
	MC: Vincent Yan , President of the ISPE Student Chapter (Hong Kong) MC: Eunice Deng , Vice-president of the ISPE Student Chapter (Hong Kong) 224. 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	