



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



Educational Session Program Friday 21 November 2025

TRACK A: DATABASE PHARMACOEPIDEMIOLOGY (Introductory/Intermediate) (English)

Session coordinators:

Dr Benjamin Daniels, Senior Research Fellow, School of Population Health, University of New South Wales

Dr Celine Sze Ling Chui, Assistant Professor, School of Nursing, The University of Hong Kong

Instructors:

Prof Arnold Chan, FISPE, National Taiwan University

Dr Edmund Cheung, PDF, HKUMed, The University of Hong Kong

Dr Min Fan, PDF, HKUMed, The University of Hong Kong

Dr Le Gao, Assistant Professor, Xian Jiaotong University

Dr Benjamin Daniels, Senior Research Fellow, School of Population Health, University of New South Wales

Dr Stella Talic, Senior Lecturer, School of Public Health and Preventive Medicine, Monash University

Dr Vincent Yan, HKUMed, The University of Hong Kong

Time	Topic
08:30 – 09:00 (30 mins)	Designing pharmacoepidemiologic studies from clinical questions Instructor: Prof Arnold Chan
09:00 – 10:30 (90 mins)	Principles of pharmacoepidemiology using large databases: - Use of healthcare databases for pharmacoepidemiology research - Cohort study design and estimating drug exposure within healthcare databases Instructors: Dr Celine Chui and Dr Stella Talic
10:30 – 11:00 (30 mins)	BREAK
11:00 – 12:30 (90 mins)	Evaluation of clinical outcomes in healthcare databases: - Evaluation of clinical outcomes in healthcare databases - Bias and confounding - Thought exercise using healthcare databases to answer a clinical question Instructors: Dr Le Gao and Dr Edmund Cheung
12:30 – 13:30 (60 mins)	LUNCH on your own
13:30 – 15:00 (90 mins)	Practical skills in protocol writing and statistical analytic programming in pharmacoepidemiology- From Research Question to Protocol Instructor: Dr Benjamin Daniels
15:00 – 15:30 (30 mins)	BREAK
15:30 – 17:00 (90 mins)	Practical skills in protocol writing and statistical analytic programming in pharmacoepidemiology – From Protocol to SAS / R Programming Instructors: Dr Min Fan and Dr Vincent Yan
17:00	CLOSE