



Educational Session Program Saturday 12 October 2024

TRACK A: DATABASE PHARMACOEPIDEMIOLOGY

(Introductory/Intermediate) (English)

Venue: Sanjo Kaikan Large Lecture Room (2nd Floor)

Organizers: Edward Lai and Sallie Pearson

| Time | Topic |
|--------------------|---|
| 09:10 (30 mins) | Designing pharmacoepidemiologic studies from clinical questions Instructor: Esther WY Chan, Hong Kong University |
| 09:40 (90 mins) | Principles of pharmacoepidemiology using large databases <i>Use of healthcare databases for pharmacoepidemiology research</i> Instructor: Juliana de Oliveira Costa, UNSW <i>Cohort study design and estimating drug exposure within healthcare databases</i> Instructor: Michael Falster, UNSW |
| 11:10 (30 mins) | BREAK |
| 11:40 (90 mins) | Evaluation of clinical outcomes in healthcare databases <i>Evaluation of clinical outcomes in healthcare databases</i> Instructor: Shirley Li, Hong Kong University <i>Bias and confounding</i> Instructor: Celine Sze Ling Chui <i>Thought exercise using healthcare databases to answer a clinical question</i> Instructor: Shirley Li and Celine Sze Ling Chui |
| 13:10 (60 mins) | LUNCH on your own |
| 14:10 (90 min) | Practical skills in protocol writing and statistical analytic programming in pharmacoepidemiology- From Research Question to Protocol Instructor: Ben Daniels, UNSW |
| 15:40 (30 mins) | BREAK |
| 16:10 (80 mins) | Practical skills in protocol writing and statistical analytic programming in pharmacoepidemiology – From Protocol to SAS Programming Instructors: Steven Chin-Yao Shen and Albert Tzu-Ming Chuang, NCKU |
| 17:30 | CLOSE |