Educational Session Program
Wednesday 13 October 2021
ALL TIMES ARE KOREAN STANDARD TIME

INTRODUCTORY/INTERMEDIATE PHARMAEOPIEMIOLOGY

Sessions 1, 2 and 3: In ENGLISH: in-person and virtual session.
Sessions 4A and 5A: In KOREAN: in-person session only.
Sessions 4B and 5B: In ENGLISH: virtual session only.

TRACK A: DATABASE PHARMAEOPIEMIOLOGY

Lead Instructors:
Sallie Pearson, Centre for Big Data Research in Health, UNSW Sydney
Nicole Pratt, Quality Use of Medicines and Pharmacy Research Centre, University of South Australia

08:30 – 09:15  
**Session 1:** Designing pharmacoepidemiological studies from clinical questions  
Sallie Pearson, Centre for Big Data Research in Health, UNSW Sydney, Australia

09:15 – 10:45  
**Session 2:** Healthcare databases for pharmacoepidemiological research  
Juliana Costa, Centre for Big Data Research in Health, UNSW Sydney  
*Cohort study design and estimating drug exposures in pharmacoepidemiology databases*  
Andrea Schaffer, Centre for Big Data Research in Health, UNSW Sydney

10:45 – 11:15  
**Break**

11:15 – 12:45  
**Session 3:** Evaluation of clinical outcomes in healthcare databases  
Malcolm Gilles, Centre for Big Data Research in Health, UNSW Sydney  
*Bias and confounding in pharmacoepidemiological studies*  
Erin Kelty, School of Population Health, University of Western Australia  
*Thought exercise using pharmacoepidemiologic databases to answer a clinically relevant question*  
Malcolm Gilles, Centre for Big Data Research in Health, UNSW Sydney  
Erin Kelty, School of Population Health, University of Western Australia

12:45 – 13:45  
**Lunch**

Sessions 4A and 5A: In KOREAN: in-person session only  
Sessions 4B and 5B: In ENGLISH: virtual session only

13:45 – 15:15  
**Session 4A:** Data sources and practical skills for pharmacoepidemiologic studies in Korea  
*Moderator:* Nam-Kyong Choi, Ewha Womans University, Korea  
*KAERS (Korea Adverse Event Reporting System)*  
Su Ji Oh, Korea Institute of Drug Safety & Risk Management  
*Common Data Models*  
Dong Yoon Kang, Seoul National University Hospital  
*Healthcare claims databases*  
Sejin Bae, National Health Insurance Service

13:45 – 15:30  
**Session 4B:** Practical skills in protocol writing and statistical analytic programming in pharmacoepidemiology  
*Lead instructor:* Benjamin Daniels, Centre for Big Data Research in Health, UNSW Sydney  
*Small group instructors:* Benjamin Daniels, Sallie Pearson, Nicole Pratt, Juliana Costa, Malcolm Gillies, Erin Kelty

15:15 – 15:45  
**Break**

15:30 – 16:00  
**Break**

Program continued on page 2
| 15:45 – 17:15 | Session 5A: Practical skills in pharmacoepidemiology: Case studies from topical/inhaled treatment in allergic diseases  
**Moderator:** Sang-Heon Kim, Hanyang University College of Medicine, Korea  
**Major clinical questions for topical/inhaled treatment in allergic diseases**  
Jae-Woo Kwon, Kangwon National University School of Medicine  
**Pharmacoepidemiologic studies of topical/inhaled agents using Korean healthcare database**  
Sun-Young Jung, Chung-Ang University  
**Safety studies for topical/inhaled agents**  
Eun-Yeong Cho, GlaxoSmithKline Korea | 16:00 – 17:15 | Session 5B: Practical skills in protocol writing and statistical analytic programming in pharmacoepidemiology  
**Lead instructor:** Nicole Pratt, Quality Use of Medicines and Pharmacy Research Centre, University of South Australia  
**Small group instructors:** Nicole Pratt, Sallie Pearson, Juliana Costa, Malcolm Gillies, Erin Kelty, Benjamin Daniels |