



Wednesday, October 13, 2021

ALL TIMES ARE KOREAN STANDARD TIME

ADVANCED PHARMACOEPIDEMIOLOGY

In ENGLISH

Room	ROOM 1
08:30-09:30	<p>Session 1: Feasibility assessment of complex pharmacoepidemiology studies Mary E Ritchey, Med Tech Epi, LLC, Rutgers University</p>
09:30-10:30	<p>Session 2: Heterogeneity in multi-database studies Facilitator: Soko Setoguchi, Rutgers University</p> <p>Robert Platt, McGill University Rosa Gini, ARS Toscana</p>
10:30-11:00	Break
11:00-12:00	<p>Session 3: Methods for assessing real-world effectiveness and safety of vaccines: Part 1-Effectiveness Facilitators: Edward Lai, National Cheng Kung University and Ju-Young Shin, Sungkyunkwan University</p> <p>Collaborative works and current database environment in Asia-Pacific regions Nicole Pratt, University of South Australia</p> <p>Methods for real-world vaccine effectiveness K. Arnold Chan, National Taiwan University</p>
12:00-13:00	Lunch
13:00-14:00	<p>Session 4: Methods for assessing real-world effectiveness and safety of vaccines: Part 2-Safety Facilitators: Edward Lai, National Cheng Kung University and Ju-Young Shin, Sungkyunkwan University</p> <p>Hypothesis-free approaches for vaccines safety signal detection Miyuki Hsieh, National Cheng Kung University</p> <p>Methods for vaccine safety signal evaluation Ju Hwan Kim, Sungkyunkwan University</p>
14:00-14:30	Break
14:30-15:30	<p>Session 5: Self-controlled (or case only) study designs Facilitator: Ian CK Wong, University of Hong Kong</p> <p>Key methodological features of the case-crossover and its variant designs Ju-Young Shin, Sungkyunkwan University</p> <p>Key methodological features of the self-controlled case series and self-controlled risk interval designs Han Eol Jeong, Sungkyunkwan University</p>
15:30-16:30	<p>Session 6: Measures of magnitude for beneficial and harmful drug effects Jesper Hallas, University of Southern Denmark</p>



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INTRODUCTORY/INTERMEDIATE PHARMACOEPIDEMIOLOGY

Sessions 1, 2 and 3: In ENGLISH

Sessions 4A and 5A: In KOREAN

Sessions 4B and 5B: In ENGLISH

TRACK A: DATABASE PHARMACOEPIDEMIOLOGY

Room	ROOM 2		
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		
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 Gillies, 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		Sessions 4B and 5B: In ENGLISH	
Room	ROOM 2	Room	ROOM 3
13:45-15:15	Session 4A: Data sources and practical skills for pharmacoepidemiologic studies in Korea Moderator: Nam-Kyong Choi, Ewha Womans University 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 Sallie Pearson Nicole Pratt Juliana Costa Malcolm Gillies Erin Kelty



15:15-15:45	Break	15:30-16:00	Break
15:45-17:15	<p>Session 5A: Practical skills in pharmacoepidemiology: Case studies from topical/inhaled treatment in allergic diseases Moderator: Sang-Heon Kim, Hanyang University College of Medicine</p> <p>Major clinical questions for topical/inhaled treatment in allergic diseases Jae-Woo Kwon, Kangwon National University School of Medicine</p> <p>Pharmacoepidemiologic studies of topical/inhaled agents using Korean healthcare database Sun-Young Jung, Chung-Ang University</p> <p>Safety studies for topical/inhaled agents Eun-Yeong Cho, GlaxoSmithKline Korea</p>	16:00-17:15	<p>Session 5B: Practical skills in protocol writing and statistical analytic programming in pharmacoepidemiology</p> <p>Lead instructor: Nicole Pratt, Quality Use of Medicines and Pharmacy Research Centre, University of South Australia</p> <p>Sallie Pearson Juliana Costa Malcolm Gillies Erin Kelty Benjamin Daniels</p>



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INTRODUCTORY/INTERMEDIATE PHARMACOEPIDEMIOLOGY

In ENGLISH

TRACK B: NON-DATABASE PHARMACOEPIDEMIOLOGY

Room	ROOM 4
Learning through Examples from Resource-Limited and Resource-Rich Countries	
Instructors: Krishna Undela, Department of Pharmacy Practice, NIPER Guwahati Kai-Li Liaw, Pharmacoepidemiology, Merck	
11:30-12:00	Session 1: Designing pharmacoepidemiological studies from clinical questions Instructor: Kai-Li Liaw
12:00-13:30	Session 2: Principles of descriptive pharmacoepidemiological study designs Instructor: Krishna Undela
13:30-14:00	Break
14:00-15:30	Session 3: Principles of analytic pharmacoepidemiologic study designs Instructor: Kai-Li Liaw
15:30-16:30	Break
16:30-17:00	Session 4: Structure of non-database pharmacoepidemiologic study protocols Instructor: Kai-Li Liaw
17:00-18:30	Session 5: Protocol writing for a non-database pharmacoepidemiological study: Hands-on experience Instructor: Krishna Undela
18:30-19:00	Break
19:00-20:00	Session 6: Statistical analytic programming relevant to non-database pharmacoepidemiology Instructor: Krishna Undela
20:00-21:00	Session 7: Critical appraisal of a non-database pharmacoepidemiological study article Instructor: Krishna Undela