

Provisional Conference Program:

ISPE's Tenth Asian Conference on Pharmacoepidemiology 2017
as at 8 August 2017 (program subject to change)



SUNDAY 29 OCTOBER 2017 Educational sessions			
For further detailed information on each track and advanced session, please view www.acpe2017.org/program/educational-sessions			
	Introductory/Intermediate session	Advanced session	
08:00-08:30	Designing studies from clinical questions	ADVANCED SESSION 1: Big data - How to use and not to use them in Pharmacoepidemiology Instructors: Ian Wong, UCL School of Pharmacy, UK, Yola Morridge, YOLARX, Canada and Judith Jones, The Degge Group, USA	
08:30-08:45	Biobreak and transition to rooms for Track A and B		
08:45-10:15	TRACK A: PRINCIPLES OF PHARMACOEPI USING LARGE DATABASES		TRACK B: NON-DATABASE PHARMACOEPIDEMIOLOGY: LEARNING THROUGH EXAMPLES FROM RESOURCE-LIMITED AND RESOURCE-RICH COUNTRIES
	Use of automated databases for Pharmacoepidemiology research Instructor: Vincent Lo Re, University of Pennsylvania, USA Evaluation of drug exposure in Pharmacoepidemiologic databases Instructor: Wei Zhou, Merck Research Laboratories, USA		Principles of descriptive Pharmacoepidemiological study designs Instructor: Krishna Undela, JSS University, India
10:15-10:45	Morning tea		
10:45-12:30	Evaluation of clinical outcomes in automated Pharmacoepidemiologic databases Instructor: Vincent Lo Re, University of Pennsylvania, USA Thought exercise using Pharmacoepidemiologic databases to answer a clinically relevant question Instructors: Vincent Lo Re, University of Pennsylvania, USA, Wei Zhou, Merck Research Laboratories, USA and Sallie Pearson, University of New South Wales, Australia	Principles of analytic Pharmacoepidemiological study designs Instructor: Geoffrey Liu, University of Toronto, Canada	ADVANCED SESSION 2: Interrupted time series analysis and instrumental variable analysis: You can't fix by adjustment what you bungled by design Instructor: Stephen Soumerai, Harvard Medical School and Harvard Pilgrim Health Care Institute, USA
12:30-13:30	Lunch		
13:30-15:15	Practical skills in protocol writing and statistical analytic programming relevant to pharmacoepidemiology <i>Part one</i> Lead instructor: Chih-Ying (Natasha) Pratt, PhD, USA Small group instructors: Nicole Pratt, Vin Lo Re, Wei Zhou, Geoff Liu, Krishna Undela		ADVANCED SESSION 3: Patient/citizen generated data in Pharmacoepidemiology Instructor: Alison Bourke, Center for Advanced Evidence Generation, QuintilesIMS Real-World Insights, UK, Cynthia de Luise, Worldwide Safety and Regulatory, Pfizer, USA and Adrian Levy, Dalhousie University, Canada
15:15-15:45	Afternoon tea		
15:45-18:00	Practical skills in protocol writing and statistical analytic programming relevant to pharmacoepidemiology <i>Part two</i> Lead instructor: Nicole Pratt, University of South Australia, Australia Small group instructors: Natasha Chen, Vin Lo Re, Wei Zhou, Geoff Liu, Krishna Undela		ADVANCED SESSION 4: Advanced methods in assessing safety and effectiveness of medications and medical devices in Pharmacoepidemiology Instructors: Jesper Hallas, President, International Society for Pharmacoepidemiology; University of Southern Denmark, Denmark, Robert Platt, McGill University, Canada and Soko Setoguchi, Rutgers School of Public Health, USA
18:00-20:00	Welcome reception		

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MONDAY 30 OCTOBER 2017		
08:30-08:45	Welcome ceremony Jesper Hallas, President, International Society for Pharmacoepidemiology; University of Southern Denmark, Denmark Australian Officials	
08:45-09:45	Plenary address Stephen Soumerai, Harvard Medical School and Harvard Pilgrim Health Care Institute, USA	
09:45-10:10	Morning tea and poster discussions	
10:15-11:45	PRECISION MEDICINE AND AUSTRALASIAN DATABASES IN PHARMACOEPIDEMIOLOGY STUDIES Symposium 1:	MANAGING CARDIOVASCULAR RISKS Oral presentation session 1:
Moderated by:	Geoffrey Liu, University of Toronto, Canada Samantha Hollingworth, The University of Queensland, Australia	
	What is Precision Medicine? And why should it matter to pharmacoepidemiologists globally? Geoffrey Liu, Princess Margaret Cancer Centre, University of Toronto, Canada	Comparative effectiveness and safety of low and high strength novel oral anticoagulants: A propensity-score study with sequential cohort design Emmae Ramsay, The University of South Australia, Australia
	Integrating biological samples and associated data into large Asian databases: A Primer Wei Zhou, Merck Center for Observational and Real World Evidence, USA	Signal evaluation of adverse drug reaction caused by non-vitamin K dependent oral anticoagulants (NOACs) in Korean adverse drug reporting system (KAERS) database Young-Jin Ko, Seoul National University College of Medicine, South Korea
	Study design and statistical considerations in pharmacogenomic population studies: Using an Australian example Stuart MacGregor, The University of Queensland, Australia	The representativeness of direct oral anticoagulant clinical trials to hospitalized patients with atrial fibrillation Laura Fanning, Monash University, Australia
	The landscape of observational drug databases in Australia and readiness to capture biospecimen elements Samantha Hollingworth, The University of Queensland, Australia	Aspirin reduces the risk of out-of-hospital cardiac arrest with ventricular tachycardia/ventricular fibrillation in patients with coronary artery disease Alfi Yasmina, Lambung Mangkurat University, Indonesia
	Panel discussion: Benefits and challenges of integrating precision medicine into Australasian pharmacoepidemiology research Moderated by: Sallie Pearson, University of New South Wales, Australia Panellists: Geoffrey Liu, Wei Zhou, Stuart MacGregor, Samantha Hollingworth	Hospital admissions due to dysglycaemia and antidiabetic medications prescriptions in England and Wales: An observational study Abdallah Naser, UCL School of Pharmacy, United Kingdom Cardiovascular safety of glucose lowering drugs in patients with type 2 diabetes mellitus and cardiovascular disease: A network meta-analysis Guangyao Li, Peking University, China
11:45-12:40	Lunch and poster discussions	
12:45-13:30	Plenary address Ian Chi Kei Wong, UCL School of Pharmacy, United Kingdom	

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13:30-15:00	GROWING OLDER WITH PSYCHOACTIVE MEDICINES Oral presentation session 2:	METHODS AND GOOD PUBLIC POLICY Oral presentation session 3
	Risk of dementia in proton pump inhibitors users as compared with histamine-2 receptor antagonist: Propensity-score matched cohort study in Korea Sun-Kyeong Park, Sungkyunkwan University, South Korea	The discrepancy between Mantel-Haenszel and conditional logistic estimators in a case-crossover study: An exploratory study followed by a simulation study Kiyoshi Kubota, NPO Drug Safety Research Unit, Japan
	Doubt of association between the proton pump inhibitors and the risk of dementia: Signal detection using prescription sequence symmetry analysis Sun-Kyeong Park, Sungkyunkwan University, South Korea	Data linkage and patients' perspective: Insights from a national survey in the United States Soko Setoguchi, Rutgers University, United States
	Calcium channel blocker use reduces incident dementia risk in elderly hypertensive patients: A meta-analysis of prospective studies Salman Hussain, Hamdard University, India	Investigating use of administrative data sets for safety signal verification in the setting of therapeutic goods regulation in Australia Margaret Wilson, Therapeutic Goods Administration, Australia
	Incidence and risk factors of mortality among schizophrenia and antipsychotic-treated patients in Taiwan Darmendra Ramcharran, Janssen Research and Development Global Epidemiology, United States	Development of a risk proportionality framework for the selection of risk minimisation interventions in Asia: Results of a pre-Delphi panel Yola Moride, Universite de Montreal, Canada
	A group based trajectory analysis of longitudinal psychotropic agents use and associated adverse outcomes in the elderly Shih-Tsung Huang, National Taiwan University, Taiwan	But what is the cost? Application of pharmacoepidemiological methods assist payers in quantifying uncertainties in cost of medicines Maxine Freeman-Robinson, The University of South Australia, Australia
	Evaluating the impact of two Pharmaceutical Benefits Scheme (PBS) restriction changes on quetiapine use: An interrupted time series analysis Jonathan Brett, Centre for Big Data Research in Health, Australia	The predictive validity for mortality of a prescription-based comorbidity index: An updated Rx-Risk index Mhairi Kerr, The University of South Australia, Australia
15:00-15:25	Afternoon tea and poster discussions	
15:30-17:00	VALIDATION OF LARGE ADMINISTRATIVE DATABASES IN ASIA: METHODOLOGICAL AND PRACTICAL CHALLENGES Symposium 2:	ISSUES OF SAFETY AND QUALITY Oral presentation session 4:
Moderated by:	Kiyoshi Kubota, NPO Drug Safety Research Unit, Japan Cynthia de Luise, Worldwide Safety and Regulatory, Pfizer, USA	
	Validation studies of claims data in Japan – An overview and case study on the accuracy of Japanese claims data in identifying breast cancer Izumi Sato, Kyoto University; The Keihanshin Consortium for Fostering the Next Generation of Global Leaders in Research, Japan	Drug-induced anaphylaxis in the hospital setting in Beijing, China: A retrospective analysis of the Beijing Pharmacovigilance Database Xiaotong Li, Peking University Third Hospital, China
		Factors associated with intravenous and repeated use of epinephrine for drug-induced anaphylaxis: A retrospective analysis of the Beijing Pharmacovigilance Database Ying Zhao, Peking University Health Science Center, China
	Taiwan experience and future developments Arnold Chan, National Taiwan University, Taiwan	The association between parkinsonism and drugs possibly related with parkinsonism in Korea: A population-based case-control study Siin Kim, Pusan National University, South Korea
	Validation in Hong Kong - challenges, opportunities and needs compared to other data sources Ian C K Wong, University College London, United Kingdom; University of Hong Kong, Hong Kong	Adverse effects of β-blockers in older nursing home residents after acute myocardial infarction Andrew Zullo, Brown University School of Public Health, United States

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	Panel discussion: Issues and themes on conducting validation studies in Asia Izumi Sato, Arnold Chan, Ian C K Wong and Soko Setoguchi, Rutgers University, USA	Active surveillance systems for vaccine safety: A systematic review of the surveillance models Ting Cai, Peking University, China
		What do consumers want to know about their medicines? Consumer queries compared to medicines use? Treasure McGuire, The University of Queensland, Australia
17:00	End of day 1	
17:00-18:00	Medicines Use Research Australia (MURA) Session: DUR - INFORMING AND EVALUATING POLICY Alicia Seagrave, Drug Utilization Sub-Committee, Australian Department of Health Sallie Pearson, Centre for Big Data Research in Health	
19:00-22:00	Conference dinner South Bank Surf Club, 30aa Stanley Plaza, South Bank Parklands	

TUESDAY 31 OCTOBER 2017

08:00-09:00	Asian Pharmacoepidemiology Network (AsPEN) Session: INTRODUCTION TO ASIAN PHARMACOEPIDEMIOLOGY AsPEN introduction and our achievements so far Edward Chia-Cheng Lai, National Cheng Kung University, Taiwan Current and Ongoing studies Kenneth Mann, University of Hong Kong, Hong Kong Challenges & future directions for AsPEN Nicole Pratt, The University of South Australia, Australia Interactive discussion	
09:00-10:30	PAEDIATRIC ISSUES, PAIN AND OPIOID USE Oral presentation session 5:	HEALTHY PREGNANCIES AND NEOPLASTIC ISSUES Oral Presentation session 6:
	Prenatal antidepressant exposure and the risk of attention-deficit hyperactivity disorder in children: A systematic review and meta-analysis. Kenneth Man, University of Hong Kong, Hong Kong	Exposure to teratogenic medicines before, during and after pregnancy in New South Wales, Australia Smriti Raichand, University of New South Wales, Australia
	Metabolic side effects of antipsychotics in children, adolescents and young adults – an international multi-database pharmacoepidemiologic study Edward Chia-Cheng Lai, National Cheng Kung University, Taiwan	Risk of adverse perinatal outcomes associated with early pregnancy use of renin-angiotensin system blockers for the management of chronic hypertension Bilal Ahmed, Centre for Big Data Research in Health, Australia
	Codeine and Tramadol use in a paediatric population in New Zealand Alesha Smith, University of Otago, New Zealand	Safety of varenicline versus prescription nicotine patches during pregnancy: Findings from Smoking MUMS (Maternal Use of Medications and Safety) Study Duong Tran, Centre for Big Data Research in Health, Australia
	An ecological study of the extent and factors associated with the use of fentanyl across Australia Natasa Gisev, University of New South Wales, Australia	The effects of prescribing Varenicline on longer-term health outcomes: An observational cohort study using electronic medical records Neil Davies, University of Bristol, United Kingdom
	Predictors of persistent use of prescription opioid analgesics among people without cancer Samanta Lalic, Monash University, Australia	Incidence of comorbidities in women treated with tamoxifen or an aromatase inhibitor: An Australian population based cohort study Huah Shin Ng, The University of South Australia, Australia
	Change in utilisation of long-acting oxycodone after introduction of oxycodone/naloxone in Australia: A population-based study Andrea Schaffer, Centre for Big Data Research in Health, Australia	Statins use and the risk of prostate cancer: A nationwide population-based cohort study Wei Ho, National Taiwan University, Taiwan
10:30-10:55	Morning tea and poster discussions	

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11:00-12:30	Poster presentations and poster walks	
12:30-13:25	Lunch and poster discussions	
13:30-15:00	POST-APPROVAL SAFETY MONITORING AND ACTIVE SURVEILLANCE: EASTERN ASIA'S PERSPECTIVE Symposium 3:	A NATIONAL APPROACH OF PHARMACOEPIDEMIOLOGIC RESEARCH: THE CANADIAN NETWORK FOR OBSERVATIONAL DRUG EFFECT STUDIES (CNODES) Symposium 4:
Moderated by:	Arnold Chan, National Taiwan University	David Henry, Bond University, Australia
	John McEwen, University of Canberra; Therapeutic Goods Administration, Australia Shinichi Matsuda, Chugai Pharmaceutical Co, Japan Byung Joo Park, Seoul National University, Korea Panel discussion: John McEwen, Shinichi Matsuda, Byung Joo Park, and Solomon Iyasu, Merck Research laboratories, USA; Siyan Zhan, Peking University Health Science Center, China	Adrian Levy, Dalhousie University, Canada Robert Platt, McGill University, Canada
15:00-15:15	Afternoon tea and poster discussions	
15:20-16:05	Plenary address Jesper Hallas, President, International Society for Pharmacoepidemiology; University of Southern Denmark, Denmark	
16:05-16:30	Closing and award ceremony	