



# CONFERENCE PROGRAM

as at 7 October 2021  
Subject to change

**ALL TIMES ARE KOREAN STANDARD TIME**

## THURSDAY 14 OCTOBER 2021

- #01 refers to abstract number

<b>8:30 – 9:45 AM</b>	<b>OPENING PLENARY SESSION</b>	
<b>Room:</b>	Meeting Room 5	
<b>Chairs:</b>	<b>In-person Chair:</b> Jung-Won Park, Yonsei University College of Medicine, Korea <b>Online Chair:</b> Frank May, FISPE, Chair – International Steering Committee for ISPE Asian Conferences on Pharmacoepidemiology, Australia	
	<b>ACPE13 Conference opening and formalities:</b> - Jung-Won Park, KoPERM President and Vincent Lo Re, FISPE, ISPE President <b>Citation Presentation to Professor Byung-Joo (BJ) Park,</b> Kiyoshi Kubota, FISPE, 2017 ISPE President and Vincent Lo Re, FISPE, ISPE President <b>Opening Plenary Address: Professor Byung-Joo (BJ) Park,</b> FISPE, Seoul National University College of Medicine, Korea	
<b>9:45 – 10:15 AM</b>	<b>Morning break</b>	
<b>10:15 – 11:45 AM</b>	<b>CONCURRENT CONTRIBUTED PAPER SESSIONS</b>	
	<b>1. Pharmacovigilance and Adverse Drug Reactions</b>	<b>2. Issues in Cardiovascular and anti-diabetes medicine</b>
<b>Room:</b>	Meeting Room 5	Meeting Room 6
<b>Chairs:</b>	<b>In-person Chair:</b> Sukhyang Lee, Ajou University College of Pharmacy, Korea <b>Online Chair:</b> K. Arnold Chan, FISPE, National Taiwan University Health Data Research Center, Taiwan	<b>In-person Chair:</b> Hong Ji Song, Hallym University, Hallym University Sacred Heart Hospital, Korea <b>Online Chair:</b> Benjamin Bates, Rutgers Center for Pharmacoepidemiology and Treatment Science, USA
10:15 – 10:30 AM	<b>Ten year trends of adverse drug reactions in residents of Jiangsu Province of China, 2010-2019 - #01</b> Hui Chloe Xue, Southeast University, China	<b>Ten year change in coronary heart disease management and outcome in Malaysia - #07</b> Siti Zaleha Suki, Faculty of Medicine, Universiti Malaya, Malaysia
10:30 – 10:45 AM	<b>Incidence of nephrotoxicity associated Tenofovir disoproxil fumarate (TDF) in HIV-infected /AIDs patients at Rajavithi Hospital - #02</b> Kwandaw Silathong, Rajavithi Hospital, Thailand	<b>Medication regimen complexity, medication burden and adherence among primary care patients with type-2 diabetes mellitus: A retrospective analysis - #08</b> Norazida Ab Rahman, National Institutes of Health, Malaysia
10:45 – 11:00 AM	<b>Drugs inducing myalgic encephalomyelitis/chronic fatigue syndrome: A pharmacovigilance study using FDA adverse event reporting system (FAERS) - #03</b> M Shaju Aina, M.S. Ramaiah University of Applied Sciences, India	<b>Association between dual or triple oral antidiabetic therapy involving evogliptin and cardiovascular events in T2DM patients: A nationwide cohort study - #09</b> So-Hee Park, Sungkyunkwan University, Korea
11:00 – 11:15 AM	<b>Adverse outcomes after partner bereavement in people with reduced kidney function: Parallel cohort studies in England and Denmark - #04</b> Patrick Bidulka, London School of Hygiene & Tropical Medicine, United Kingdom	<b>Risk for Diabetic Macular Edema with Sodium Glucose Cotransporter 2 Inhibitors in Type 2 Diabetes Patients: Cohort study in Taiwan - #10</b> Shih-Chieh Shao, Keelung Chang Gung Memorial Hospital and National Cheng Kung University, Taiwan

**THURSDAY 14 OCTOBER 2021** *Continued* **ALL TIMES ARE KOREAN STANDARD TIME**

11:15 – 11:30 AM	<b>New method for reducing bias in estimated associations of time-varying drug exposures with imprecisely timed adverse events - #05</b> Michal Abrahamowicz, McGill University, Canada	<b>Signal detection of metformin-statin drug drug interactions using the Korea Adverse Event Reporting System Database - #11</b> Soobin Park, Ewha Womans University, Korea
11:30 – 11:45 AM	<b>Discovering adverse events of medical devices through natural language processing and machine learning - #06</b> Lewis Mitchell, The University of Adelaide, Australia	<b>Effectiveness and safety evaluation of SGLT-2i in patients with type 2 diabetes mellitus: A systematic review and network meta-analysis - #12</b> Fengqi Liu, Peking University, China
11:45 – 12:00 PM	Transition between sessions	
<b>12:00 – 1:30 PM</b>	<b>CONCURRENT SYMPOSIA SESSIONS</b>	
	<b>1. Methods to address heterogeneity in multi-database studies in pharmacoepidemiology: Search for consensus and future directions</b>	<b>2. Pharmacoepidemiology-based RWE for COVID-19 -Experiences from Asia and Europe</b>
<b>Room:</b>	Meeting Room 5	Meeting Room 6
<b>Moderator:</b>	<b>Soko Setoguchi, FISPE</b> , Rutgers Robert Wood Medical School and Rutgers School of Public Health, USA	<b>Ju-Young Shin</b> , Sungkyunkwan University, Korea
	<b>Speakers/panelists:</b> <b>Edward Lai</b> , National Cheng Kung University, Taiwan <b>Rosa Gini</b> , Pharmacoepidemiology Unit, ARS Toscana, Italy <b>Romin Pajouheshnia</b> , Utrecht University, Netherlands <b>Robert W. Platt</b> , McGill University, Canada <b>Gillian Hall</b> , Gillian Hall Epidemiology, UK <b>Ju-Hwan Kim</b> , Sungkyunkwan University, Korea <b>Jenni Ilomäki</b> , Monash University, Australia <b>Carlos Duran Salinas</b> , Julius Centre for Health Sciences and Primary Care, University Medical Centre Utrecht, Netherlands	<b>Speakers/panelists:</b> <b>Han Eol Jeong</b> , Sungkyunkwan University, Korea <b>Anton Pottegård</b> , University of Southern Denmark, Denmark <b>Kristian B Filion</b> , McGill University, Centre for Clinical Epidemiology, Jewish General Hospital – Lady Davis Institute, Canada <b>Gary Tse</b> , Kent and Medway Medical School, Canterbury, UK and Second Hospital of Tianjin Medical University, China <b>Shih-Chieh Shao</b> , Keelung Chang Gung Memorial Hospital and National Cheng Kung University, Taiwan <b>Ian CK Wong</b> , University of Hong Kong, Hong Kong
<b>1:30 – 2:30 PM</b>	<b>Lunch</b>	
1:45 – 2:20 PM	<b>PLENARY ADDRESS</b>	
<b>Room:</b>	Meeting Room 5	
<b>Chairs:</b>	<b>In-person Chair: Nam Kyong Choi</b> , Ewha Womans University, Korea <b>Online Chair: Soko Setoguchi, FISPE</b> , Rutgers Robert Wood Medical School and Rutgers School of Public Health, USA	
	<b>The use of RWD/RWE in regulatory decision-making</b> <b>Professor Sebastian Schneeweiss, FISPE</b> , Professor of Medicine and Epidemiology at Harvard Medical School and Chief of the Division of Pharmacoepidemiology and Pharmacoeconomics of the Department of Medicine, Brigham and Women's Hospital, Boston, USA	

**THURSDAY 14 OCTOBER 2021** *Continued* **ALL TIMES ARE KOREAN STANDARD TIME**

2:30 – 4:00 PM		
CONCURRENT SYMPOSIA SESSIONS		
	<b>3. Current Trends in Pharmacovigilance</b>	<b>4. Activities on expanded pharmacovigilance and drug safety beyond its relief program for adverse drug reactions</b>
<b>Room:</b>	Meeting Room 5	Meeting Room 6
<b>Moderator:</b>	<b>Nam-Kyong Choi</b> , Ewha Womans University, Korea	<b>Myung-Goo Lee</b> , Department of Pulmonary, Allergy and Critical Care Medicine, Hallym University Medical Center, Korea
	<b>Speakers/panelists:</b> <b>Jalene Poh</b> , Health Sciences Authority, Singapore <b>Wei-Han Huang</b> , Taiwan Food and Drug Administration, Taiwan <b>Lucie Gattepaille</b> , Uppsala Monitoring Center, Sweden <b>YeunKum Lee</b> , Korea Institute of Drug Safety and Risk Management, Korea	<b>Speakers/panelists:</b> <b>Keito Iizuka</b> , Pharmaceuticals and Medical Devices Agency, Japan <b>Wen Chen</b> , Taiwan Drug Relief Foundation, Taiwan <b>Eunsun Noh</b> , Korea Institute of Drug Safety and Risk Management, Korea <b>Jongyoon Kim</b> , Dongduk Women’s University, Korea <b>HyungJin Jung</b> , Bayer Korea Ltd and Korean Research-based Pharma Industry Association, Korea
4:00 – 4:30 PM		
Afternoon break		
4:30 PM - 6:00 PM		
CONCURRENT CONTRIBUTED PAPER SESSIONS		
	<b>3. Learning from vaccination programs</b>	<b>4. Psychotherapies and policy issues</b>
<b>Room:</b>	Meeting Room 5	Meeting Room 6
<b>Chairs:</b>	<b>In-person Chair: Dong-Churl Le</b> , Chung-Ang University College of Pharmacy, Korea <b>Online Chair: Wan-Ting Huang</b> , Safety Platform for Emergency vACCines (SPEAC), Brighton Collaboration, Taiwan	<b>In-person Chair: Sun-Young Jung</b> , Chung-Ang University College of Pharmacy, Korea <b>Online Chair: Nicole Pratt</b> , University of South Australia, Australia
4:30 – 4:45 PM	<b>Estimating vaccine effectiveness using real-world data: Causal structural considerations and advances in Targeted Learning - #13</b> Andy Wilson, Parexel and University of Utah, USA	<b>Prenatal exposure to psychotropic medications and the risk of seizure in children: a population-based cohort study - #19</b> Adrienne Y Chan, University of Groningen, The Netherlands; University of Hong Kong, and Hong Kong SAR, Hong Kong
4:45 – 5:00 PM	<b>Post-marketing surveillance study on influenza vaccine using the disproportional analysis and tree-based scan statistic - #14</b> Hyesung Lee, Sungkyunkwan University, Korea	<b>Associations between prenatal exposure to antipsychotics and birth and neurodevelopmental complications: a population-based cohort study - #20</b> Zixuan Wang, UCL School of Pharmacy, United Kingdom
5:00 – 5:15 PM	<b>Detecting signals for interaction between MMR vaccine and varicella vaccine using Korea Adverse Event Reporting System - #15</b> Hyunyoung Choi, Ewha Womans University, Korea	<b>Polymorphisms in the adrenergic neurotransmission pathway impact antidepressant response in depressed patients - #21</b> Taichi Ochi, University of Groningen, The Netherlands
5:15 – 5:30 PM	<b>Data mining for adverse events of influenza vaccine in the elderly cancer patients using self-controlled tree-temporal scan statistic analysis - #16</b> Na-Young Jeong, Ewha Womans University, Korea	<b>Consumption and expenditure on monoclonal antibodies and Fc-fusion protein biologic medicines in Asia-Pacific regions - #22</b> Xinning Tong, The University of Hong Kong, China
5:30 – 5:45 PM	<b>The spontaneous reports of anaphylaxis following immunization in Korea - #17</b> Min-Taek Lee, Chung-Ang University, Korea	<b>Clinical and cost-saving effects of the Drug Utilization Review modernization project in inpatient and outpatient settings in Korea - #23</b> Dongwon Yoon, Sungkyunkwan University, Korea
5:45 – 6:00 PM	<b>Differential demographic and clinical characteristics between MMR vaccinated and unvaccinated children in South Korea: A nationwide study - #18</b> Ju Hwan Kim, Sungkyunkwan University, Korea	<b>Global trends of polypharmacy in the elderly: A multinational population-based study - #24</b> Hyesung Lee, Sungkyunkwan University, Korea
6:00 PM	End of day 1	

## FRIDAY 15 OCTOBER 2021 ALL TIMES ARE KOREAN STANDARD TIME

<b>8:30 – 9:15 AM</b>	<b>ISPE's Asian Pharmacoepidemiology Network Special Interest Group (AsPEN)</b>	
<b>Room:</b>	Meeting Room 5	
<b>Chairs:</b>	<b>In-person Chair: Nam-Kyong Choi</b> , the chair of AsPEN, Korea <b>Online Chair: Edward Lai</b> , National Cheng Kung University, Taiwan	
	<b>Presenters:</b> <b>An overview of the AsPEN</b> Kenneth Man, UCL, United Kingdom <b>Past works and achievements</b> Nicole Pratt, University of South Australia, Australia <b>Implementation of an international study</b> Edward Lai, National Cheng Kung University, Taiwan <b>Ongoing projects and studies</b> Ju-Young Shin, Sungkyunkwan University, Korea <b>New projects and studies</b> Nam-Kyong Choi, Ewha Womans University, Korea  Question and discussion, moderated by Nam-Kyong Choi	
9:15 – 9:30 AM	Transition between sessions	
<b>9:30 – 10:15 AM</b>	<b>PLENARY ADDRESS</b>	
<b>Room:</b>	Meeting Room 5	
<b>Chairs:</b>	<b>In-person Chair: Jung-Won Park</b> , Yonsei University College of Medicine, Korea <b>Online Chair: Siyan Zhan</b> , Peking University School of Public Health, China	
	<b>Opportunities and challenges in using Real-World Data to conduct COVID-19-related pharmacoepidemiology studies</b> Vincent Lo Re, FISPE, University of Pennsylvania, PA, USA	
<b>10:15 – 10:45 AM</b>	<b>Morning break</b>	
<b>10:45 – 12:15 PM</b>	<b>CONCURRENT SYMPOSIA SESSIONS</b>	
	<b>5. Real World Safety and Effectiveness Evaluation of Immunotherapy among non-small cell lung cancer patients - experience from Korea</b>	<b>6. COVID-19 vaccine safety assessment in Asia Pacific</b>
<b>Room:</b>	Meeting Room 5	Meeting Room 6
<b>Moderator:</b>	<b>Wei Zhou, FISPE</b> , Merck Research Laboratories, USA	<b>K. Arnold Chan, FISPE</b> , National Taiwan University Health Data Research Center, Taiwan
	<b>Speakers/panelists:</b> <b>Simone P Pinheiro</b> , US Food and Drug Administration, USA <b>Kang Jin-Hyoung</b> , The Catholic University of Korea Seoul St. Mary's Hospital, Korea <b>Ju-Young Shin</b> , Sungkyunkwan University, Korea <b>Maki Komamine</b> , Pharmaceuticals and Medical Devices Agency, Japan	<b>Speakers/panelists:</b> <b>Nam-Kyong Choi</b> , Ewha Womans University, Korea <b>K. Arnold Chan, FISPE</b> , National Taiwan University Health Data Research Center, Taiwan <b>Igarashi Ataru</b> , Yokohama City University School of Medicine, Japan <b>Ian Wong</b> , The University of Hong Kong University and UCL School of Pharmacy, Hong Kong <b>Siyan Zhan</b> , Peking University School of Public Health, China <b>Wan-Ting Huang</b> , Safety Platform for Emergency vAccines (SPEAC), Brighton Collaboration, a program of the Task Force for Global Health, Taiwan

**FRIDAY 15 OCTOBER 2021 *Continued* ALL TIMES ARE KOREAN STANDARD TIME**

<b>12:15 – 1:15 PM</b>	<b>Lunch</b>
12:30 – 1:05 PM	<b>PLENARY ADDRESS</b>
<b>Room:</b>	Meeting Room 5
<b>Chairs:</b>	<b>In-person Chair:</b> Byung-Joo Park FISPE, Seoul National University College of Medicine, Korea <b>Online Chair:</b> Yea-Huei Kao Yang, FISPE, National Cheng Kung University, Taiwan
	<b>The future and role of pharmacoepidemiology in/after the era of COVID-19</b> <b>Professor Brian Strom, FISPE,</b> Inaugural Chancellor of Rutgers Biomedical and Health Sciences (RBHS) and the Executive Vice President for Health Affairs at Rutgers University, USA
<b>1:15 – 2:45 PM</b>	<b>SPOTLIGHT POSTER PRESENTATIONS</b>
<b>Room:</b>	Meeting Room 5
<b>Chairs:</b>	<b>In-person Chair:</b> Ju-Young Shin, Sungkyunkwan University, Korea <b>Online Chair:</b> Nicole Pratt, University of South Australia, Australia
1:15 – 1:25 PM	<b>Pfizer-Biontech vaccine associated with myocardial infarction as adverse events- signal review - #135</b> Abdulrahman Alomair, Saudi Food and Drug Authority, Saudi Arabia
1:25 – 1:35 PM	<b>Risk of vascular adverse events associated with multiple myeloma treatments in Taiwan: A nested case control study - #137</b> Mei Tsen Chen, National Taiwan University, Taiwan
1:35 – 1:45 PM	<b>Adverse drug reactions to first-line anti-tuberculosis drugs and their impact on quality of life in tuberculosis patients - #112</b> Jeong-Hee Choi, Hallym University College of Medicine, Korea
1:45 – 1:55 PM	<b>Mortality associated with carbapenem for patients with Carbapenemase-Producing Enterobacteriaceae colonization: A population-based cohort study - #114</b> Min Fan, University of Hong Kong, Hong Kong
1:55 – 2:05 PM	<b>Development of risk prediction model for hypocalcemia in bone metastasis patients treated with denosumab plus natural vitamin D/Ca supplement - #144</b> Keisuke Ikegami, Keio University, Japan
2:05 – 2:15 PM	<b>Risk factors of adverse reactions following preventive treatment for latent tuberculosis infection in household contacts of active tuberculosis - #153</b> Jae-Eun Lee, ChungAng University, Korea
2:15 – 2:25 PM	<b>Validating an approach to reduce immeasurable time bias in cohort studies: A real-world example and Monte Carlo simulation study - #123</b> In-Sun Oh, Sungkyunkwan University, Korea
2:25 – 2:35 PM	<b>Detecting adverse drug events with the use of Protamine as a trigger tool - #162</b> Nutjaree Suttitong, Maharaj Nakorn Chaing Mai Hospital, Thailand
2:35 – 2:45 PM	<b>Using real world data to investigate the relationship between Chinese herbal medicine decoction pieces and acute kidney injury - #215</b> Tsung Hsuan Lin, Chi Mei Medical Center/National Cheng Kung University, Taiwan
<b>2:45 – 3:15 PM</b>	<b>Afternoon break</b>

**FRIDAY 15 OCTOBER 2021 Continued ALL TIMES ARE KOREAN STANDARD TIME**

3:15 – 4:45 PM		
CONCURRENT CONTRIBUTED PAPER SESSIONS		
	<b>5. Evaluating drug exposure/outcome associations</b>	<b>6. COVID-19 care management</b>
<b>Room:</b>	Meeting Room 5	Meeting Room 6
<b>Chairs:</b>	<b>In-person Chair:</b> Hye-Ryun Kang, Seoul National University College of Medicine, Korea <b>Online Chair:</b> Sallie Pearson, Centre for Big Data Research in Health, UNSW Sydney, Australia	<b>In-person Chair:</b> Jae-Hyun Lee, Yonsei University College of Medicine, Korea <b>Online Chair:</b> Kiyoshi Kubota, FISPE, NPO Drug Safety Research Unit Japan, Japan
3:15 – 3:30 PM	<b>Association between Proton Pump Inhibitors and Dermatologic Adverse Events – A Sequence Symmetry Analysis - #25</b> Miyuki (Hsing-Chun) Hsieh, National Cheng Kung University, Taiwan	<b>Time-to-mortality outcome for Remdesivir and Favipiravir using in COVID-19 patients: A systematic review and meta-analysis. - #31</b> Tanavij Pannoi, National Yang Ming Chiao Tung University, Taiwan
3:30 – 3:45 PM	<b>Association between the pharmacological treatment of bipolar disorder and risk of trauma - self-controlled case series - #26</b> Vanessa W.S. Ng, The University of Hong Kong, Hong Kong	<b>Real World Use of Anticoagulation Among Hospitalized Patients With COVID-19 in the United States - #32</b> Benjamin Bates, Rutgers Pharmacoepidemiology and Treatment Science, United States
3:45 – 4:00 PM	<b>Association between fluoroquinolone prescription and uveitis: A self-controlled case series - #27</b> Jeremy Brown, London School of Hygiene and Tropical Medicine, United Kingdom	<b>Role of oral anticoagulants in COVID-19 related outcomes: two cohort studies - #33</b> Angel Wong, London School of Hygiene and Tropical Medicine, United Kingdom
4:00 – 4:15 PM	<b>Effectiveness and safety of low- and normal-dose direct oral anticoagulant estimated by the nationwide claims data in Japan - #28</b> Kiyoshi Kubota, FISPE, NPO Drug Safety Research Unit Japan, Japan	<b>Pattern of drug utilization among hospitalized COVID-19 patients: A retrospective cross-sectional study in tertiary hospitals in Malaysia - #34</b> Nurul Syafiqah Othman, Kulliyah of Pharmacy, Malaysia
4:15 – 4:30 PM	<b>Assessing the effect of the “antipsychotics-antiparkinsonian agent” prescribing cascade on urinary retention - #29</b> Grace Hsin-Min Wang, National Cheng Kung University, Taiwan	<b>Medication adherence of Vietnamese patients with chronic diseases during the COVID-19 pandemic - #35</b> Thang Nguyen, Can Tho University of Medicine and Pharmacy, Vietnam
4:30 – 4:45 PM	<b>Risk of Heart Failure in Rheumatoid Arthritis Patients Treated with Tumour Necrosis Factor-<math>\alpha</math> Inhibitors - #30</b> Hung-Kai Chen, National Cheng Kung University, Taiwan	<b>Changes in antibiotic prescribing following COVID-19 restrictions: Lessons for post-pandemic antibiotic stewardship - #36</b> Malcolm Gillies, Centre for Big Data Research in Health, UNSW Sydney, Australia
4:45 - 5:15 PM		
CLOSING PLENARY		
<b>Room:</b>	Meeting Room 5	
<b>Chairs:</b>	<b>In-person Chair:</b> Jung-Won Park, Yonsei University College of Medicine, Korea  <b>Online Chairs:</b> <b>Yea-Huei Kao Yang, FISPE, National Cheng Kung University, Taiwan</b> <b>Soko Setoguchi, FISPE, Co-Chair – International Steering Committee for ISPE Asian Conferences on Pharmacoepidemiology, USA</b> <b>Frank May, FISPE, Co-Chair – International Steering Committee for ISPE Asian Conferences on Pharmacoepidemiology, Australia</b>	
5:15 PM	Conference close	