



## Thursday, October 14, 2021

ALL TIMES ARE KOREAN STANDARD TIME

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



11:15-11:30	<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	<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	Break	
<b>Room</b>	<b>ROOM 5</b>	<b>ROOM 6</b>
12:00-13:30	<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>Moderator: Soko Setoguchi</b> , FISPE, Rutgers Robert Wood Medical School and Rutgers School of Public Health, USA	<b>Moderator: Ju-Young Shin</b> , Sungkyunkwan University, Korea
	<b>Speakers/panelists:</b> Edward Lai, National Cheng Kung University, Taiwan Rosa Gini, Pharmacoepidemiology Unit, ARS Toscana, Italy Romin Pajouheshnia, Utrecht University, Netherlands Robert W. Platt, McGill University, Canada Gillian Hall, Gillian Hall Epidemiology, UK Ju-Hwan Kim, Sungkyunkwan University, Korea Jenni Ilomäki, Monash University, Australia Carlos Duran Salinas, Julius Centre for Health Sciences and Primary Care, University Medical Centre Utrecht, Netherlands	<b>Speakers/panelists:</b> Han Eol Jeong, Sungkyunkwan University, Korea Anton Pottegård, University of Southern Denmark, Denmark Kristian B Fillion, McGill University, Centre for Clinical Epidemiology, Jewish General Hospital-Lady Davis Institute, Canada Gary Tse, Kent and Medway Medical School, Canterbury, UK and Second Hospital of Tianjin Medical University, China Shih-Chieh Shao, Keelung Chang Gung Memorial Hospital and National Cheng Kung University, Taiwan Ian CK Wong, The University of Hong Kong, Hong Kong
13:30-14:30	Lunch	
<b>Room</b>	<b>ROOM 5</b>	
13:45-14:20	<b>PLENARY ADDRESS</b>	
	<b>In-person Chair: Nam Kyong Choi</b> , Ewha Womans University, Korea <b>Online Chair: Soko Setoguchi</b> , FISPE, 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</b> , FISPE, 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	



Room	ROOM 5	ROOM 6
14:30-16:00	<b>CONCURRENT SYMPOSIA SESSIONS</b>	
	<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>Moderator:</b> Nam-Kyong Choi, Ewha Womans University, Korea	<b>Moderator:</b> Myung-Goo Lee, Department of Pulmonary, Allergy and Critical Care Medicine, Hallym University Medical Center, Korea
	<b>Speakers/panelists:</b> Jalene Poh, Health Sciences Authority, Singapore Wei-Han Huang, Taiwan Food and Drug Administration, Taiwan Lucie Gattepaille, Uppsala Monitoring Center, Sweden YeunKum Lee, Korea Institute of Drug Safety and Risk Management, Korea	<b>Speakers/panelists:</b> Keito Iizuka, Pharmaceuticals and Medical Devices Agency, Japan Wen Chen, Taiwan Drug Relief Foundation, Taiwan Eunsun Noh, Korea Institute of Drug Safety and Risk Management, Korea Jongyoon Kim, Dongduk Women's University, Korea HyungJin Jung, Bayer Korea Ltd and Korean Research-based Pharma Industry Association, Korea
16:00-16:30	Break	
Room	ROOM 5	ROOM 6
16:30-18:00	<b>CONCURRENT CONTRIBUTED PAPER SESSIONS</b>	
	<b>3. Learning from vaccination programs</b>	<b>4. Psychotherapies and policy issues</b>
	<b>In-person Chair:</b> Dong-Churl Suh, Chung-Ang University College of Pharmacy, Korea <b>Online Chair:</b> Wan-Ting Huang, Safety Platform for Emergency vACcines (SPEAC), Brighton Collaboration, Taiwan	<b>In-person Chair:</b> Sun-Young Jung, Chung-Ang University College of Pharmacy, Korea <b>Online Chair:</b> Nicole Pratt, University of South Australia, Australia
16:30-16:45	<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, The University of Hong Kong, Hong Kong
16:45-17:00	<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
17:00-17:15	<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



17:15-17:30	<p><b>Data mining for adverse events of influenza vaccine in the elderly cancer patients using self-controlled tree-temporal scan statistic analysis - #16</b>  <b>Na-Young Jeong</b>, Ewha Womans University, Korea</p>	<p><b>Consumption and expenditure on monoclonal antibodies and Fc-fusion protein biologic medicines in Asia-Pacific regions - #22</b>  <b>Xinning Tong</b>, The University of Hong Kong, Hong Kong</p>
17:30-17:45	<p><b>The spontaneous reports of anaphylaxis following immunization in Korea - #17</b>  <b>Min-Taek Lee</b>, Chung-Ang University, Korea</p>	<p><b>Clinical and cost-saving effects of the Drug Utilization Review modernization project in inpatient and outpatient settings in Korea - #23</b>  <b>Dongwon Yoon</b>, Sungkyunkwan University, Korea</p>
17:45-18:00	<p><b>Differential demographic and clinical characteristics between MMR vaccinated and unvaccinated children in South Korea: A nationwide study - #18</b>  <b>Ju Hwan Kim</b>, Sungkyunkwan University, Korea</p>	<p><b>Global trends of polypharmacy in the elderly: A multinational population-based study - #24</b>  <b>Hyesung Lee</b>, Sungkyunkwan University, Korea</p>
18:00	End of day 1	



## Friday, October 15, 2021

ALL TIMES ARE KOREAN STANDARD TIME

Room	ROOM 5	
08:30-09:15	<b>ISPE's Asian Pharmacoepidemiology Network Special Interest Group (AsPEN)</b>	
	<p><b>In-person Chair:</b> Nam-Kyong Choi, Chair of AsPEN, Korea  <b>Online Chair:</b> Edward Lai, National Cheng Kung University, Taiwan</p> <hr/> <p><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</p>	
09:15-09:30	Break	
Room	ROOM 5	
09:30-10:15	<b>PLENARY ADDRESS</b>	
	<p><b>In-person Chair:</b> Jung-Won Park, Yonsei University College of Medicine, Korea  <b>Online Chair:</b> Siyan Zhan, Peking University School of Public Health, China</p> <hr/> <p><b>Opportunities and challenges in using Real-World Data to conduct COVID-19-related pharmacoepidemiology studies</b>                  Professor Vincent Lo Re, FISPE, University of Pennsylvania, PA, USA</p>	
10:15-10:45	Break	
Room	ROOM 5	ROOM 6
10:45-12:15	<b>CONCURRENT SYMPOSIA SESSIONS</b>	
	<p><b>5. Real World Safety and Effectiveness Evaluation of Immunotherapy among non-small cell lung cancer patients - experience from Korea</b></p> <hr/> <p><b>Moderator:</b> Wei Zhou, FISPE, Merck Research Laboratories, USA</p> <p><b>Speakers/panelists:</b>                  Simone P Pinheiro, US Food and Drug Administration, USA                  Jin-Hyoung Kang, The Catholic University of Korea Seoul St. Mary's Hospital, Korea                  Ju-Young Shin, Sungkyunkwan University, Korea                  Maki Komamine, Pharmaceuticals and Medical Devices Agency, Japan</p>	<p><b>6. COVID-19 vaccine safety assessment in Asia Pacific</b></p> <hr/> <p><b>Moderator:</b> K. Arnold Chan, FISPE, National Taiwan University Health Data Research Center, Taiwan</p> <p><b>Speakers/panelists:</b>                  Nam-Kyong Choi, Ewha Womans University, Korea                  K. Arnold Chan, FISPE, National Taiwan University Health Data Research Center, Taiwan                  Igarashi Ataru, Yokohama City University School of Medicine, Japan                  Ian Wong, The University of Hong Kong University and UCL School of Pharmacy, Hong Kong                  Siyan Zhan, Peking University School of Public Health, China                  Wan-Ting Huang, Safety Platform for Emergency vACcines (SPEAC), Brighton Collaboration, a program of the Task Force for Global Health, Taiwan</p>



12:15-13:15	Lunch
<b>Room</b>	<b>ROOM 5</b>
12:30-13:05	<b>PLENARY ADDRESS</b>
	<p><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</p> <hr/> <p><b>The future and role of pharmacoepidemiology in/after the era of COVID-19</b>  <b>Professor Brian Strom</b>, FISPE, Inaugural Chancellor of Rutgers Biomedical and Health Sciences (RBHS) and the Executive Vice President for Health Affairs at Rutgers University, USA</p>
<b>Room</b>	<b>ROOM 5</b>
13:15-14:45	<b>SPOTLIGHT POSTER PRESENTATIONS</b>
	<p><b>In-person Chair:</b> Ju-Young Shin, Sungkyunkwan University, Korea  <b>Online Chair:</b> Nicole Pratt, University of South Australia, Australia</p>
13:15-13:25	<p><b>Pfizer-Biontech vaccine associated with myocardial infarction as adverse events- signal review - #135</b>  <b>Abdulrahman Alomair</b>, Saudi Food and Drug Authority, Saudi Arabia</p>
13:25-13:35	<p><b>Risk of vascular adverse events associated with multiple myeloma treatments in Taiwan: A nested case control study - #137</b>  <b>Mei Tsen Chen</b>, National Taiwan University, Taiwan</p>
13:35-13:45	<p><b>Adverse drug reactions to first-line anti-tuberculosis drugs and their impact on quality of life in tuberculosis patients - #112</b>  <b>Jeong-Hee Choi</b>, Hallym University, Korea</p>
13:45-13:55	<p><b>Mortality associated with carbapenem for patients with Carbapenemase-Producing Enterobacteriaceae colonization: A population-based cohort study - #114</b>  <b>Min Fan</b>, The University of Hong Kong, Hong Kong</p>
13:55-14:05	<p><b>Development of risk prediction model for hypocalcemia in bone metastasis patients treated with denosumab plus natural vitamin D/Ca supplement - #144</b>  <b>Keisuke Ikegami</b>, Keio University, Japan</p>
14:05-14:15	<p><b>Risk factors of adverse reactions following preventive treatment for latent tuberculosis infection in household contacts of active tuberculosis - #153</b>  <b>Jae-Eun Lee</b>, Chung-Ang University, Korea</p>
14:15-14:25	<p><b>Validating an approach to reduce immeasurable time bias in cohort studies: A real-world example and Monte Carlo simulation study - #123</b>  <b>In-Sun Oh</b>, Sungkyunkwan University, Korea</p>
14:25-14:35	<p><b>Detecting adverse drug events with the use of Protamine as a trigger tool - #162</b>  <b>Nutjaree Suttitong</b>, Maharaj Nakorn Chaing Mai Hospital, Thailand</p>
14:35-14:45	<p><b>Using real world data to investigate the relationship between Chinese herbal medicine decoction pieces and acute kidney injury - #215</b>  <b>Tsung Hsuan Lin</b>, National Cheng Kung University, Taiwan</p>
14:45-15:15	Break



Room	ROOM 5	ROOM 6
15:15-16:45	<b>CONCURRENT CONTRIBUTED PAPER SESSIONS</b>	
	<b>5. Evaluating drug exposure/outcome associations</b>	<b>6. COVID-19 care management</b>
	<b>In-person Chair:</b> Hye-Ryun Kang, Seoul National University College of Medicine, Korea <b>Online Chair:</b> Kiyoshi Kubota, FISPE, NPO Drug Safety Research Unit Japan, Japan	<b>In-person Chair:</b> Jae-Hyun Lee, Yonsei University College of Medicine, Korea <b>Online Chair:</b> Sallie Pearson, Centre for Big Data Research in Health, UNSW Sydney, Australia
15:15-15:30	<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
15:30-15:45	<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 Pharmacoeconomics and Treatment Science, United States
15:45-16:00	<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
16:00-16:15	<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
16:15-16:30	<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
16:30-16:45	<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
Room	ROOM 5	
16:45-17:15	<b>CLOSING PLENARY</b>	
	<b>In-person Chair:</b> Jung-Won Park, Yonsei University College of Medicine, Korea <b>Online Chairs:</b> Yea-Huei Kao Yang, FISPE, National Cheng Kung University, Taiwan Soko Setoguchi, FISPE, Co-Chair-International Steering Committee for ISPE Asian Conferences on Pharmacoepidemiology, USA Frank May, FISPE, Co-Chair-International Steering Committee for ISPE Asian Conferences on Pharmacoepidemiology, Australia	
17:15	Conference close	