



SYMPOSIUM 4. Pregnancy studies using Real-world Data from Asia and Europe: Fit-for-data considerations demonstrated with case examples

Moderator

Ju-Young Shin, Sungkyunkwan University, South Korea



Dr. Ju-Young Shin is current chair professor of department of biohealth regulatory science at school of pharmacy, SungKyunKwan University (SKKU). She also serves as an associate editor of SCIE journal including Pharmacoepidemiology and Drug Safety, Vaccines, and Epidemiology and Health. She received her B.S. in pharmacy from Seoul National University, MPH in health policy and Ph.D. in pharmacoepidemiology from the Seoul National University College of Medicine. She was working as a director at Korea Institute of Drug Safety and Risk Management (KIDS), university of South Australia as a visiting fellow and McGill University as a postdoctoral fellow. She published more than 200 peer-reviewed journal including prominent journal such as British Medical Journal (BMJ), Gut, Diabetes care, and Clinical Infectious Disease, Her area of research was vaccine safety, biologics, and bone related epidemiology. She also led several governmental projects funded by Ministry of Food and Drug Safety, Ministry of Health and Welfare, and Health Insurance Review and Assessment Service and projects sponsored by pharmaceutical industry. She is currently a member of board of directors of Korea society of Pharmacoepidemiology and Risk Management (KoPERM), Korea Society of Epidemiology, and Korea Academy of Social and Managed Care Pharmacy (KASMCP).

Speakers

Han Eol Jeong, Sungkyunkwan University, South Korea



Dr. Han Eol Jeong is currently a postdoctoral research fellow and instructor at the Department of Biohealth Regulatory Science and School of Pharmacy, Sungkyunkwan University, South Korea. He received his B.S. in biological sciences from the Korea Advanced Institute of Science and Technology, his M.P.H. in epidemiology from the Graduate School of Public Health, Seoul National University, and his Ph.D. in pharmacoepidemiology from the School of Pharmacy, Sungkyunkwan University. He has published over 30 research articles in internationally peer-reviewed journals and has also made multiple presentations in various domestic and international conferences, including ICPE and ACPE. His area of research is pharmacoepidemiology, with



particular interests in assessing the comparative effectiveness and safety of drugs used to treat chronic diseases and the implementation of self-controlled study designs.

Kenneth KC Man, University College London, UK and The University of Hong Kong, Hong Kong



Kenneth is currently a Lecturer/Assistant Professor in Pharmacoepidemiology at UCL School of Pharmacy, London. He is also the immediate past chair of the Asia Pharmacoepidemiology Network (AsPEN), a collaborative network on medication safety and pharmacoepidemiology research across the Asia-Pacific region. With expertise in medication research with electronic health care databases and novel epidemiological methodologies, his work encompassed research in Paediatric Psychiatric, and Perinatal Pharmacoepidemiology. He was the recipient of the CW Maplethorpe Fellowship in Pharmacy to investigate the safety of psychotropic medications use in pregnancy.

Mette Bliddal, University of Southern Denmark, Denmark



Dr. Mette Bliddal is an associate professor from the University of Southern Denmark and chair of the Danish Society of Pharmacoepidemiology. She holds a Ph.D in epidemiology using the Danish nationwide health registers and the Danish National Birth Cohort. Based on the cleaning of one of the world's largest birth cohorts comprising all pregnancies including abortions in Denmark from 1997 onward, she has authored a detailed description of the Danish Medical Birth Registry that is cited > 240 times since 2018 and is used for both methodological papers informing insights into strengths and limitation of the registers alone and in linkage with cohort data. Dr. Bliddal has a special interest in reproductive pharmacoepidemiology with a focus on mental health among women of reproductive age, parents and their children.

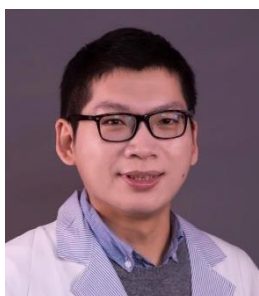


Hedvig Marie Egeland Nordeng, University of Oslo and University of Oslo, Norway



Hedvig Nordeng, is a professor and head of the Pharmacoepidemiology and Drug Safety Research Group, Department of Pharmacy, University of Oslo (UiO), Norway. Professor Nordeng's research experience and expertise lies within perinatal pharmacoepidemiology. She has a long track record of interdisciplinary research and of international research projects, including holding an ERC StG "DrugsInPregnancy" and as head of an International Partnerships for Excellent Education, Research and Innovation on genetic pharmacoepidemiology (iAPOGEE). Dr. Nordeng has authored over 200 scientific articles, book chapters and clinical guidelines. In 2017 she was awarded the Titan prize for excellence in science dissemination by the UiO. As of 2018, she has been an EU commission appointed independent scientific expert member of PRAC, European Medicines Agency. She is an executive committee member of NorPEN (Nordic Pharmacoepidemiology Network) and a fellow of the International Society of Pharmacoepidemiology (FISPE).

Shih-Chieh Shao, Keelung Chang Gung Memorial Hospital, Taiwan



Shih-Chieh Shao is the pharmacist and director of Evidence-Based Medicine Center in Keelung Chang Gung Memorial Hospital in Taiwan. Under the current PhD training, his research mainly focuses on the real-world drug effectiveness and safety by utilizing the electronic medical records database and epidemiological data of emerging infectious diseases by conducting systematic review with meta-analysis. In the recent 2 years, he has collaborated with several talented ophthalmologists to explore the possible associations between SGLT2 inhibitors and eye diseases, one of which leads him to receiving the 2021 ACPE Rising Star Award.

Esther WY Chan, University of Hong Kong, Hong Kong



Esther W Chan is Associate Professor in the Department of Pharmacology and Pharmacy and the Research Lead of the Centre for Safe Medication Practice and Research at The University of Hong Kong (HKU). She is also Associate Professor in the Laboratory of Data Discovery for Health. Her research focuses on medication safety and effectiveness using big data and multicentre clinical trials in disease areas including behavioural emergencies and mental health, cardiovascular and respiratory health, gastroenterology, infectious diseases and oncology. Her research has led to citation by the European Heart Rhythm Association guidelines, dosing recommendations in the Australian Therapeutic Guidelines, and addition of



olanzapine to the HK Hospital Authority drug formulary. She has received research awards including the HKU Outstanding Young Researcher Award and the NSFC Excellent Young Scientist Fund.