Educational Session Program

Friday 11 October 2019

	INTRODUCTORY/INTERMEDIATE PHARMACOEPIDEMIOLOGY 3 TRACKS: DATABASE-Japanese, DATABASE-English, and Non-DATABASE-English (08:00-18:00)			ADVANCED PHARMACOEPIDEMIOLOGY (08:30-17:30)
Room:	Conference Room	Exhibition Hall A		Plenary Hall A
08:00-08:45	薬剤疫学研究をデザインするにあたって 講師：田中司朗, 京都大学, 日本	Designing pharmacoepidemiologic studies from clinical questions Soko Setoguchi, Rutgers University, USA Transition to rooms for 2 tracks (Database, and Non-database)		SESSION 1: Electronic Health Record Data (EHR) for Pharmacoepidemiologic research: Successful applications and lessons learned Opportunities and limitations of EHR data for use in pharmacoepidemiologic studies – alternatives or supplements to claims data? Almut Winterstein FISPE, University of Florida, USA Comparative effectiveness and safety studies using EHRs from multiple organizations in the United States – successful applications and lessons learned Darren Toh FISPE, Harvard Medical School, USA Using Electronic Medical Record databases in the United Kingdom and Hong Kong: Successful applications and lessons learned Ian Wong, University of Hong Kong, Hong Kong; UCL School of Pharmacy, UK
08:45-10:15	データベーストラック （日本語：英語コースと同一内容） 薬剤疫学におけるデータベースの活用 データベースにおける薬剤曝露の評価 講師：岩上将夫, 筑波大学, 日本	DATABASE TRACK: PRINCIPLES OF PHARMACOEPI USING LARGE DATABASES (ENGLISH) Room: Exhibition Hall A Use of healthcare databases for Pharmacoepidemiology research Instructor: Vincent Lo Re, University of Pennsylvania, USA Cohort study design and estimating drug exposure within Pharmacoepidemiology databases Instructor: Sallie Pearson, University of New South Wales, Australia	NON-DATABASE TRACK: LEARNING THROUGH EXAMPLES FROM RESOURCE-LIMITED AND RESOURCE-RICH COUNTRIES (ENGLISH) Room: Conference Rooms 2 & 3 Principles of descriptive Pharmacoepidemiologic study designs Instructor: Krishna Undela, JSS Academy of Higher Education & Research, India	
10:15-10:45	Morning coffee break and networking (coffee/water/cookies provided)			
10:45-12:30	データベースにおけるアウトカムの評価 薬剤疫学研究におけるバイアスと交絡 臨床疑問に答えるためのデータベースの活用事例 講師：田中司朗, 京都大学, 日本	Evaluation of clinical outcomes in Pharmacoepidemiology databases Instructor: Vincent Lo Re, University of Pennsylvania, USA Bias and confounding in Pharmacoepidemiology studies Instructor: Sallie Pearson, University of New South Wales, Australia Thought exercise using Pharmacoepidemiologic databases to answer a clinically relevant	Principles of analytic Pharmacoepidemiologic study designs Instructor: Kai-Li Liaw, Merck, USA	SESSION 2: Large database for Pharmacoepidemiology in Asia: Comparisons to North American and European databases and implications in design, analysis and interpretation Commercial and non-commercial large databases in Japan Kiyoshi Kubota FISPE, Drug Safety Research Unit Japan, Japan Data environment in Korea Nam-Kyong Choi, Ewha Womans University, Korea Data Environment in Taiwan Arnold Chan FISPE, National Taiwan University, Taiwan

		question **Instructors:** Vincent Lo Re, University of Pennsylvania, US and Sallie Pearson, University of New South Wales, Australia		Panel Discussion on differences with large databases in US and Europe and Methodological Implications: Arnold Chan FISPE, Kiyoshi Kubota FISPE, Nam-Kyong Choi, Tobias Gerhard FISPE, Rutgers School of Pharmacy, USA, and Andrew Bate, Pfizer, UK
12:30-13:30	Lunch (Bento box provided)			
13:30-15:15	薬剤疫学における スキル（第一部） ：プロトコール作成と 統計プログラミング 講師：佐藤泉美 , 京都大学 , 日本 グループワーク講師： 竹内正人 , 京都大学 , 日本	Practical skills in protocol writing and statistical analytic programming relevant to Pharmacoepidemiology *Part one* **Lead instructor:** Mary Beth Ritchey FISPE, RTI Health Solutions Inc, USA **Small group instructors:** Nicole Pratt, Vin Lo Re, Sallie Pearson, and Edward Lai, National Cheng Kung University, Taiwan	Structure of a non-database Pharmacoepidemiologic study protocol **Instructor:** Kai-Li Liaw Protocol writing for a non-database Pharmacoepidemiological study: Hands-on experience **Instructors:** Kai-Li Liaw and Krishna Undela	SESSION 3: Advanced analytic methods in Pharmacoepidemiology Immortal person-time bias: Concept and design-based and analytic solutions Robert Platt, McGill University, Canada Disease risk score vs. propensity score methods in Pharmacoepidemiology Hiraku Kumamaru, University of Tokyo, Japan
15:15-15:45	Afternoon coffee break and networking (coffee/water/cookies provided)			
15:45-18:00	薬剤疫学における スキル（第二部） ：プロトコール作成と 統計プログラミング 講師：隈丸拓 , 東京大学 , 日本 グループワーク講師： 佐藤泉美 , 京都大学 , 日本	Practical skills in protocol writing and statistical analytic programming relevant to Pharmacoepidemiology *Part two* **Lead instructor:** Nicole Pratt, University of South Australia, Australia **Small group instructors:** Nicole Pratt, Mary Beth Ritchey FISPE, Sallie Pearson, Edward Lai, and Kenneth Man	Statistical analytic programming relevant to non-database Pharmacoepidemiology **Instructor:** Krishna Undela Critical appraisal of a non-database pharmacoepidemiological study article **Instructor:** Kai-Li Liaw	SESSION 4: Validating Information in databases for Pharmacoepidemiology: Principles, practices and considerations when patients cannot be directly identified from databases Validating health outcomes in electronic healthcare databases: Methodology and approaches in US data sources Vincent Lo Re, University of Pennsylvania, USA Validation of claims data in Japan today: Insights from the VALIDATE-J Study Cynthia de Luise, Pfizer Inc., US, Haoqian Chen, Rutgers University, USA How to conduct a validation study and phenotyping in MID-NET database in Japan Takanori Yamashita, Kyushu University, Japan
19:00-21:00	Welcome reception (drinks and appetizers provided at Kyoto Modern Terrace, 3 min walk from Miyako Messe)			