

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

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	<p>臨床疑問に答えるためのデータベースの活用事例</p> <p>講師: 田中司朗, 京都大学, 日本</p>	<p>clinically relevant question</p> <p>Instructors: Vincent Lo Re, University of Pennsylvania, US and Sallie Pearson, University of New South Wales, Australia</p>		<p>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, US, and Andrew Bate, Pfizer, UK</p>
12:30-13:30	Lunch (Bento box provided)			
13:30-15:15	<p>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</p> <p>講師: 佐藤泉美, 京都大学, 日本</p> <p>グループワーク講師: 竹内正人, 京都大学, 日本</p>	<p>Practical skills in protocol writing and statistical analytic programming relevant to Pharmacoepidemiology</p> <p>Part one</p> <p>Lead instructor: Mary Beth Ritchey FISPE, RTI Health Solutions Inc, USA</p> <p>Small group instructors: Nicole Pratt, Vin Lo Re, Sallie Pearson, and Edward Lai, National Cheng Kung University, Taiwan</p>	<p>Structure of a non-database Pharmacoepidemiologic study protocol</p> <p>Instructor: Kai-Li Liaw</p> <p>Protocol writing for a non-database Pharmacoepidemiological study: Hands-on experience</p> <p>Instructors: Kai-Li Liaw and Krishna Undela</p>	<p>SESSION 3: Advanced analytic methods in Pharmacoepidemiology</p> <p>Immortal person-time bias: Concept and design-based and analytic solutions</p> <p>Robert Platt, McGill University, Canada</p> <p>Disease risk score vs. propensity score methods in Pharmacoepidemiology</p> <p>Hiraku Kumamaru, University of Tokyo, Japan</p>
15:15-15:45	Morning tea/coffee break and networking (coffee and snack provided)			
15:45-18:00	<p>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</p> <p>講師: 隈丸拓, 東京大学, 日本</p> <p>グループワーク講師: 佐藤泉美, 京都大学, 日本</p>	<p>Practical skills in protocol writing and statistical analytic programming relevant to Pharmacoepidemiology</p> <p>Lead instructor: Nicole Pratt, University of South Australia, Australia</p> <p>Small group instructors: Nicole Pratt, Mary Beth Ritchey FISPE, Sallie Pearson, Edward Lai, and Kenneth Man</p>	<p>Statistical analytic programming relevant to non-database Pharmacoepidemiology</p> <p>Instructor: Krishna Undela</p> <p>Critical appraisal of a non-database pharmacoepidemiological study article</p> <p>Instructor: Kai-Li Liaw</p>	<p>SESSION 4: Validating Information in databases for Pharmacoepidemiology: Principles, practices and considerations when patients cannot be directly identified from databases</p> <p>Validating health outcomes in electronic healthcare databases: Methodology and approaches in US data sources</p> <p>Vincent Lo Re, University of Pennsylvania, US</p> <p>Validation of claims data in Japan today: Insights from the VALIDATE-J Study</p> <p>Cynthia de Luise, Pfizer Inc., US, Haoqian Chen, Rutgers University, US</p> <p>How to conduct a validation study and phenotyping in MID-NET database in Japan</p> <p>Takanori Yamashita, Kyushu University, Japan</p>