

Pharmacoepidemiology

21 - 23 November 2025 · Hong Kong

# Conference Program Book







# Welcome Message

Welcome from the ACPE 2025 Local Host Chair & Conference Co-Chair

Dear colleagues and friends,

It is my great pleasure to welcome you to Hong Kong for the 17th Asian Conference on Pharmacoepidemiology (ACPE 2025), co-hosted by The International Society of Pharmacoepidemiology (ISPE) and The University of Hong Kong (HKU).

The scientific programme features distinguished international experts who will share insights on the latest research, emerging trends, and key challenges. We are also delighted to provide a platform for students and early-career researchers to present their work through oral presentations, posters and interactive sessions. Alongside academic discussions, the conference facilitates networking with peers, industry partners and government representatives fostering collaborations that drive progress in drug safety and outcomes research across pharmacoepidemiology, pharmacovigilance and data sciences.

The Centre for Safe Medication Practice and Research (CSMPR) at The University of Hong Kong has led ongoing contributions in pharmacovigilance research since its establishment in 2012. This conference serves as a pivotal platform to advance global collaborations in evidence-based practice and policy decision-making. We are particularly excited to host this event in Hong Kong, a vibrant international city that beautifully blends Eastern and Western cultures. Beyond the conference sessions at HKU, I hope you'll have time to experience Hong Kong's unique energy, from its spectacular harbour views to its rich culinary traditions.

I welcome delegates from across Asia-Pacific, Europe, and North America for what promises to be both a scientifically enriching and personally memorable experience. To our partners at The International Society of Pharmacoepidemiology (ISPE), all speakers, attendees and sponsors, we extend our sincere gratitude for your support of this important initiative. Your participation will help advance the fields of pharmacoepidemiology, pharmacovigilance and data sciences and their impact on health.

I welcome you all.

Warm regards,

### Professor Esther W.Y. Chan

Local Host Committee Chair & Conference Co-Chair Assistant Dean (Health Sciences Education) Department of Pharmacology and Pharmacy Co-Director, Centre for Safe Medication Practice and Research Li Ka Shing Faculty of Medicine The University of Hong Kong



# Welcome Message

Message from the Chair, ACPE International Steering Committee

As Chair of the ACPE International Steering Committee at the International Society for Pharmacoepidemiology (ISPE), I am delighted to welcome you all to ACPE 2025 in Hong Kong. Last year's conference in Tokyo saw a record number of abstract submissions, and this year, that record has been surpassed once again, setting a new milestone in the history of ACPE. This continued growth reflects the remarkable development of pharmacoepidemiology across Asia, driven by the steady expansion of research teams and the strengthening of scientific capacity in many countries throughout the region, as real-world evidence continues to play an increasingly important role in healthcare improvement.

Over more than two decades, ACPE has developed into a vital platform connecting academia, industry, and regulatory authorities to promote collaboration and scientific excellence in pharmacoepidemiology. The dedication and teamwork among colleagues throughout the region have been instrumental in driving this progress and nurturing the next generation of researchers.

I would like to express my sincere appreciation to the Local Host Committee for their outstanding efforts in organizing this conference, and to all participants for contributing to the ongoing success and impact of ACPE.

### Professor Hiraku Kumamaru

ISC Chair & Conference Co-Chair Department of Health Data Science Graduate School of Data Science Yokohama City University, Japan

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# Welcome Message

### From ISPE President

On behalf of the International Society for Pharmacoepidemiology (ISPE), it is my great pleasure and honour to warmly welcome you all to the 17th Asian Conference on Pharmacoepidemiology (ACPE) here in Hong Kong!

We are delighted to co-host this important meeting together with the University of Hong Kong (HKU). This partnership reflects not only the strength of collaboration between institutions but also the vital role of open exchange, shared learning, and mutual support in advancing pharmacoepidemiology—particularly in times that call for resilience and innovation.

This year's conference brings together researchers, practitioners, and experts from across Asia and around the globe. By uniting diverse disciplines and perspectives, we hope to strengthen scientific dialogue, foster meaningful connections, and broaden the impact of pharmacoepidemiology in improving health worldwide. Throughout the meeting, you will have the opportunity to deepen your knowledge through engaging educational sessions, gain fresh insights from inspiring keynote lectures and symposia, and explore the breadth of research presented in our paper sessions.

Equally important, ACPE is a place to connect with colleagues, meet new friends, and lay the foundation for future collaborations. Our social program is designed to encourage networking in a relaxed setting, and we warmly invite you to take part in these activities. And of course, beyond the conference itself, Hong Kong offers a truly unique backdrop: a vibrant city where tradition and modernity meet, rich with cultural landmarks, historic neighbourhoods, and endless opportunities to enjoy world-class cuisine and experiences.

I would like to warmly thank the organisers of the conference, and especially the conference co-chairs, Professor Hiraku Kumamaru from Yokohama City University and Professor Esther W.Y. Chan from the University of Hong Kong, for their outstanding efforts and dedication in making this conference a success.

We are thrilled to welcome you—not only to this conference, but also to a community dedicated to advancing our field together.

Welcome to Hong Kong, and welcome to the 17th Asian Conference on Pharmacoepidemiology!

Warm regards, **Ursula Kirchmayer** 

President of ISPE

# **Educational Session Venue**

### Friday 21 November 2025

### **Cyberport**

Cyberport, Cyberport 3, 100 Cyberport Road, Hong Kong



Room	Session	
Foyer Core E	REGISTRATION DESK	
Function Room 1 Core E	TRACK A: DATABASE PHARMACOEPIDEMIOLOGY (INTRODUCTORY/INTERMEDIATE)	
Smart Living Lab 3 Core C	TRACK B: NON-DATABASE PHARMACOEPIDEMIOLOGY (INTRODUCTORY/INTERMEDIATE)	
Function Rooms 2 Core E	TRACK C: ARTIFICIAL INTELLIGENCE TOOLS TO SUPPORT PHARMACOEPIDEMIOLOGY RESEARCH	
Training Theatre Core F	TRACK D: ADVANCED PHARMACOEPIDEMIOLOGY	
Smart Living Lab 2 Core C	ISPE BOARD MEETING	

### Download the directions to the individual rooms in Cyberport.

### Wi-Fi

"Cyberport\_Openwifi" is available for visitors.

24 hour access is available once you have accepted the terms and conditions.

### Catering

Morning and afternoon tea will be provided.

Lunch will not be provided. Attendees can purchase their lunch from one of the many food venues located in Cyberport Arcade.

https://arcade.cyberport.hk/dining

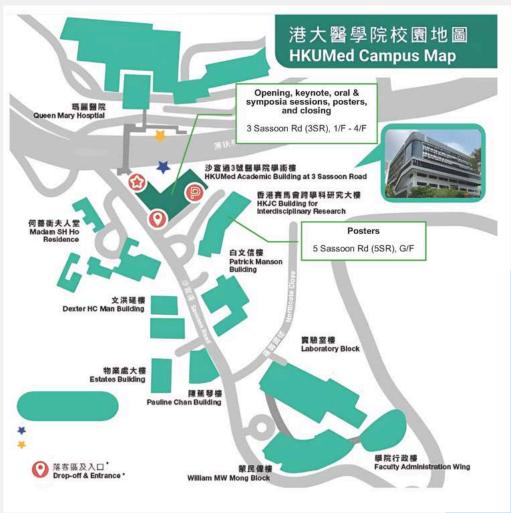
# **Two Day Conference Venue**

### Saturday 22 and Sunday 23 November 2025

### The University of Hong Kong Medical Campus

3 and 5 Sassoon Road, Pokfulam, Hong Kong





# Two Day Conference Venue

### Saturday 22 and Sunday 23 November 2025

### The University of Hong Kong Medical Campus

3 and 5 Sassoon Road, Pokfulam, Hong Kong

3 Sassoon Rd		
Lecture Theatre 2, 1/F	Conference Opening and Welcome Addresses Keynote Presentation: Amy Chan Oral and Symposia sessions AsPEN Showcase Keynote Presentation: Mary Beth Ritchey Awards Presentations and Conference Close	
Lecture Theatre 1, 1/F	Conference Opening and Welcome Addresses (overflow) Keynote Presentation: Amy Chan (overflow) Oral and Symposia sessions	
Foyer, 1/F-3/F	Posters and catering	
Learning Commons A, 1/F	VIP room Speaker preparation room	
Learning Commons B, 1/F	Spotlight poster presentations Catering	
Room 402, 4/F	Speaker preparation room	
Room 403, 4/F	Available to book for ad hoc meetings	
5 Sassoon Road		
SR1A, G/F	Spotlight poster presentations	
SR1B, G/F	Available to book for ad hoc meetings	
SR2, G/F	Catering	
SR3, G/F	Poster presentations Catering	

IMPORTANT! The University of Hong Kong is a smoke-free Campus. There is a total smoking ban, both indoors and outdoors.

### **Download the directions to the HKU Medical Campus**

### Wi\_Fi

Visitors may choose to use "Wi-Fi.HK via HKU" whilst on the HKU campus.

### Catering

Morning and afternoon tea and lunches will be provided.

To assist with delegate flow and comfort, catering stations will be located over various rooms and spaces. Your name badge will identify the catering station that we ask you to attend.

# **General information**

### Registration at the venues

Please print your 'name badge confirmation email' which contains your QR code and bring this with you to the conference for check-in.

Upon your first arrival at either one of the following venues, please proceed to the self-service printers to generate your conference name badge and dinner ticket (if purchased).

- 1. Cyberport, Core E, Level 3 Foyer
- 2. Delaney's Restaurant, Cyberport
- 3. The University of Hong Kong, 3 Sassoon Road, 1/F

Scan your QR code for automatic name badge printing.

Attach a blue lanyard to your name badge.

If you have any problems printing your name badge, staff will be available to assist you.

There is no additional registration process and you do not need to check-in with event staff. You may then proceed to the conference room.

You do not need to register again on the following days, but please make sure you bring your name badge with you.

You MUST wear your name badges at all times for access to the conference venues.

### **Certificate of Attendance**

Attendees will be emailed a certificate of attendance during the week following the conference. If you presented a poster or contributed oral paper, this will be included on your certificate.

### SIM cards

Local SIM cards can be purchased at various convenience stores and supermarkets.

# Organising Committees

### **Local Host Committee**

Esther Chan (ACPE Chair)

Joe Blais Celine Chui Shirley Li Candy Ng

**Eric Wan** 

### **Local Student Chapter**

Vincent Yan (President)
Eunice Deng (Vice-president)
Jack Lau (Secretary)
Tina Tian (Treasury)

### **Program Committee**

**Esther Chan** (ACPE Chair) The University of Hong Kong

### Ben Bates

**Rutgers University** 

### Joe Blais

The University of Hong Kong

### Sri Harsha Chalasani

JSS College of Pharmacy

### Nam-Kyong Choi

**Ewha Womans University** 

### **Celine Chui**

The University of Hong Kong

### **Ben Daniels**

**UNSW** 

### Juliana de Oliveira Costa

**UNSW** 

### **Na-young Jung**

**Ewha Womans University** 

### Hiraku Kumamaru (ISC Chair)

Yokohama City University

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FISPE, National Cheng Kung University

### Kai-Li Law

Merck

### Hu Li

Gilead Sciences

### **Shirley Li**

The University of Hong Kong

### Joshua Lin

Harvard

### **Minako Matsumoto**

Keio University School of Medicine

### Frank May (ISC Vice Chair)

**FISPE** 

### Soko Setoguchi (ISC Past Chair, ISC Vice Chair)

FISPE, Rutgers University

### Krishna Undela

National Institute of Pharmaceutical Education and Research

### **Eric Wan**

The University of Hong Kong

### **ISPE ACPE International Steering Committee**

Hiraku Kumamaru (ISC Chair)

Yokohama City University

**Ben Bates** 

**Rutgers University** 

**Esther Chan** 

The University of Hong Kong

**Arnold Chan** 

FISPE, National Taiwan University

**Edward Lai** 

FISPE, National Cheng Kung University

Nam-Kyong Choi

Ehwa Women's University

**Jennifer Christian** 

FISPE, ISPE Vice President/Finance

Parthasarathi Gurumurthy

Pharmacovigilance Program

Yea-Huei Kao Yang

FISPE, National Cheng Kung University

Ursula Kirchmayer

FISPE, ISPE President Elect

Kiyoshi Kubota

FISPE, President Japanese Society for Pharmacoepidemiology

**Suk-Hyang Lee** 

Ajou University

Hu Li

Gilead Sciences

Kai-Li Liaw

Merck Inc.

Joshua Lin

Harvard

Meiyou Liu

4th Military Hospital University

Frank May (ISC Vice Chair)

**FISPE** 

**Jingping Mo** 

Pfizer Inc.

Nobuhiro Ooba

The Nihon University School of Pharmacy

**Jingping Mo** 

Pfizer Inc.

**Nobuhiro Ooba** 

The Nihon University School of Pharmacy

**Jung-Won Park** 

Yonsei University

**Byung Joo Park** 

FISPE, Korea Institute of Drug Safety & Risk

Management

**Sallie Pearson** 

**UNSW Sydney** 

Syd Phillips

QuintilesIMS

Lisa Pont (ISPE Past President)

FISPE, University of Technology Sydney

Mary Beth Ritchey (ISPE Immediate Past-President)

FISPE, Rutgers University

**Maribel Salas** 

FISPE, ISPE Global Development Committee

**Savitha Sanathan** 

JSS College of Pharmacy, Mysore

Soko Setoguchi (ISC Past Chair, ISC Vice Chair)

FISPE, Rutgers University

Masato Takeuchi

**Kyoto University** 

**Shiro Tanaka** 

**Kyoto University** 

Krishna Undela

National Institute of Pharmaceutical Education and Research

Sawaeng Watcharathanakij

Ubon Ratchathani University

lan Chi Kei Wong

The University of Hong Kong

Siyan Zhan

**Peking University** 

Wei Zhou

FISPE, Merck Inc.

# **Abstract reviewers**

Sincere thanks to those who participated as an abstract reviewer. Their expert evaluation, thoughtful feedback, and dedication to maintaining the highest scientific standards was instrumental in ensuring the quality and excellence of the conference proceedings.

Ravinandan A P Mohith Kumar Abaka

Kenji Adachi Ramesh Adepu Kehinde Adeyemi Mohammad Adil Kamakshi Shriya Akalu

Nouf Al-Fadel Dana Alsugeir Elstin Anbu Raj S Kirsty Andresen Chippy Anna Joy Keiko Asao Deepthi Avvaru Zhaohui Bai

Mohammad Bakhriansyah

Shamala Balan
Tejaswini Baral
Benjamin Bates
Ruby Benson
Ramesh Bhandari
Saroj Bharti
Mohitosh Biswas
Joe Blais

Sri Harsha Chalasani

Sze Ling Chan

Chia-Hsien Suzu Chang Raushan Kumar Chaudhary

Nai-Yu Chen
Lei Chen
Hung-Kai Chen
Yu-Chien Chen
Chi-Han Cheng
Dujrudee Chinwong
Jignasa Chiramana
Yongtai Cho
Nam-Kyong Choi

Mehul Chourasia Albert Tzu-Ming Chuang

Ravindra Choudhary

Albert 12u-filling Chuanic

Celine Chui

Shilpa Clara Joseph

Ben Daniels

Juliana De Oliveira Costa

Harriet Dickinson Rakesh Dixit Chengxiang Du Hideki Endo Min Fan

Saraswathy Ganesan Rajalekshmi

Le Gao Stewart Geary Louise Goh

Guoze Feng

Swarnali Goswami Benjamin Grenier Shalak Gunjal

Serena Jingchuan Guo Vishawas H

Shota Hamada Xintong He Na He Omar Hegazi Chieh Yu Ho Qingqing Hu Rong Hua Yinan Huang

Hsuan-Yu Hung Chun-Tse Hung

Angelin Jaimon Augustine
Jessica Jalbert
Sudi Indra Jaya
Nisha Jha
He Jin
Sruthy Jose
Sun-Young Jung
Kyungyeon Jung

Wei Kang Raju Kanukula

Mahmathi Karuppannan Avinash Khadela Seok-Won Kim Bonggi Kim Ju Hwan Kim Ursula Kirchmayer Hwa Yeon Ko Hiraku Kumamaru Prasanna Kumar

V Udaya Kumar Litty Kunjumon Akanksha Lahiri Edward Lai Yunfeng Lai Hsi-Yu Lai Jack Chi-Him Lau Jasmine Lee Wen Shi Lee Shirley Li

Shirley Li Brian Li Piaopiao Li Hu Li Hailong Li Jieni Li

Silvia Tung Hiu Li

Yujia Li Xinchi Li

Kevin Yi-Chen Liao Yuexi Liao Audrey Lim Tengfei Lin Jialing Lin Shanshan Lin Zhen-Fang Lin Olivia Liu

Navin Kumar Loganadan Alkesh Lokhande Chinmaya Mahapatra Eswaran Maheswari

Srikanth Malavalli Siddalingegowda

Kenneth Man Uday Venkat Mateti Dr Prithpal Singh Matreja Minako Matsumoto

Frank May Bita Mesgarpour Jingping Mo Daniela Moga Pranay Mohanty Sharanya Murty Sri Ram Murugesh

Gouri Nair Sreedharan Nair Ding Quan Ng Kaori Nomura Marzieh Nosrati Suguru Okami Zacchaeus Olofin

Kazeem Adeola Oshikoya

Hasik P N Yoshita Paliwal Byung-Joo Park Jaeyu Park Lisa Pont Basavaraj Poojar Varsha Prabhu Rajeshwari Punekar Irma Melyani Puspitasari

Jingjing Qian Rosy Raju

Darmendra Ramcharran

Prity Rani Mahesh Rathod Ajaree Rayanakorn Sanika Rege Mita Restinia

Ramin Rezaeianzadeh Judit Riera Arnau Mary Beth Ritchey Giuseppe Roberto

Catherine Rogers Murray

Libby Roughead Manohar S K

1

# **Abstract reviewers (Cont'd)**

Sincere thanks to those who participated as an abstract reviewer. Their expert evaluation, thoughtful feedback, and dedication to maintaining the highest scientific standards was instrumental in ensuring the quality and excellence of the conference proceedings.

Sujit Kumar Sah Nurrul Salwa Saleh Siti Watiqah Samsuddin Chiranjeev Sanyal Surasak Saokaew Jyotirmoy Sarker

Balaji Sathyanarayana Gupta

Juny Sebastian Atiqulla Shariff Wen-Yi Shau Meng Shu Zuha Shyma Yufei Song Sathvik Sridhar Elizabeth Stettenbauer

Hsuan-Yu Su Swathi Suresh Jehath Syed Sumaiya Taj Masato Takeuchi Michelle Tan Yonas Tefera Christy Thomas Wenya Tian Duong Tran Caroline Trin

Daniel Hsiang-Te Tsai Krishna Undela

Ann Vazhayil Kuruvilla

Sona Vincent Santosha Vooradi

Duy Vu Eric Wan Yan Wang Grace Wangge Kai Wei Tao Wu

Shuang Xia

Li Xie

Takanori Yanai Aimin Yang Bo Ram Yang

Avery Shuei-He Yang

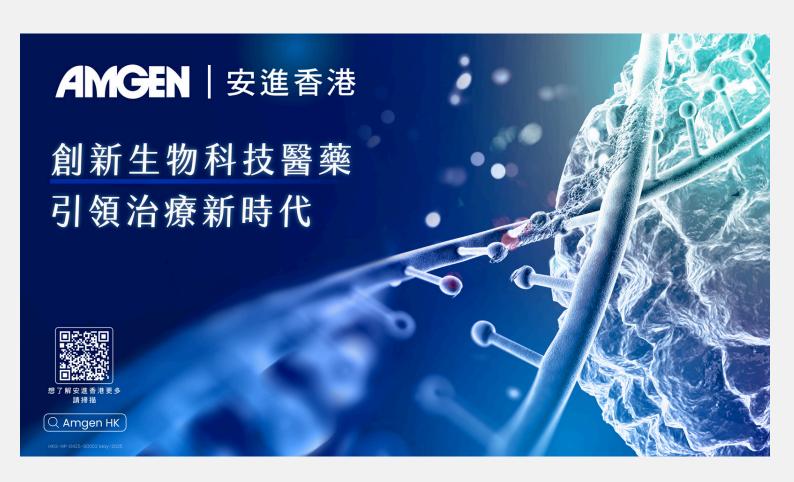
Lanting Yang Alfi Yasmina Gu Ye

See-Hwee Yeo Naohiro Yonemoto Beema Yoosuf Abdelrahman Younis

Qiuyan Yu Yan-Ning Zeng Qishi Zheng

Wenfang ZhongJifang Zhou Summera Qiheng Zhou

Bingbing Zhu Che Zin



### Friday 21 November 2025

### TRACK A: DATABASE PHARMACOEPIDEMIOLOGY (Introductory/Intermediate) (English)

### Session coordinators:

**Dr Benjamin Daniels**, Senior Research Fellow, School of Population Health, University of New South Wales **Dr Celine Sze Ling Chui**, Assistant Professor, School of Nursing, The University of Hong Kong

### Instructors:

Prof Arnold Chan, FISPE, National Taiwan University

Dr Edmund Cheung, PDF, HKUMed, The University of Hong Kong

Dr Min Fan, PDF, HKUMed, The University of Hong Kong

Dr Le Gao, Assistant Professor, Xian Jiaotong University

Dr Benjamin Daniels, Senior Research Fellow, School of Population Health, University of New South Wales

Dr Stella Talic, Senior Lecturer, School of Public Health and Preventive Medicine, Monash University

Dr Vincent Yan, HKUMed, The University of Hong Kong

Time	Topic	
Time	Topic	
08:30 - 09:00 (30 mins)	Designing pharmacoepidemiologic studies from clinical questions Instructor: Prof Arnold Chan	
09:00 - 10:30 (90 mins)	Principles of pharmacoepidemiology using large databases:  - Use of healthcare databases for pharmacoepidemiology research  - Cohort study design and estimating drug exposure within healthcare databases  Instructors: Dr Celine Chui and Dr Stella Talic	
10:30 - 11:00 (30 mins)	BREAK	
11:00 – 12:30 (90 mins)	Evaluation of clinical outcomes in healthcare databases: - Evaluation of clinical outcomes in healthcare databases - Bias and confounding - Thought exercise using healthcare databases to answer a clinical question Instructors: Dr Le Gao and Dr Edmund Cheung	
12:30 - 13:30 (60 mins)	LUNCH on your own	
13:30 – 15:00 (90 mins)	Practical skills in protocol writing and statistical analytic programming in pharmacoepidemiology- From Research Question to Protocol Instructor: Dr Benjamin Daniels	
15:00 - 15:30 (30 mins)	BREAK	
15:30 – 17:00 (90 mins)	Practical skills in protocol writing and statistical analytic programming in pharmacoepidemiology – From Protocol to SAS / R Programming Instructors: Dr Min Fan and Dr Vincent Yan	
17:00	CLOSE	

### Friday 21 November 2025

TRACK B: NON-DATABASE PHARMACOEPIDEMIOLOGY (Introductory/Intermediate) (English)

Session coordinator:

Krishna Undela, National Institute of Pharmaceutical Education and Research (NIPER)

Instructors:

Krishna Undela, National Institute of Pharmaceutical Education and Research (NIPER)

Yinghui Liu, Merk

Time	Topic	
08:30 - 09:00 (30 mins)	Designing pharmacoepidemiologic studies from clinical questions Instructor: Yinghui Liu	
09:00 - 10:30 (90 mins)	Principles of descriptive and analytic pharmacoepidemiologic study designs Instructor: Krishna Undela	
10:30 - 11:00 (30 mins)	BREAK	
11:00 - 12:30 (90 mins)	Principles of advanced pharmacoepidemiologic study designs Instructor: Yinghui Liu	
12:30 - 13:30 (60 mins)	LUNCH on your own	
13:30 - 14:00 (30 mins)	Structure of a non-database pharmacoepidemiologic study protocol Instructor: Yinghui Liu	
14:00 - 15:00 (60 mins)	Protocol writing for a non-database pharmacoepidemiologic study: hands-on experience Instructors: Yinghui Liu and Krishna Undela	
15:00 - 15:30 (30 mins)	BREAK	
15:30 - 16:30 (60 mins)	Statistical analytic programming relevant to non-database pharmacoepidemiology Instructor: Krishna Undela	
16:30 - 17:00 (30 mins)	Critical appraisal of a non-database pharmacoepidemiologic study article Instructors: Krishna Undela and Yinghui Liu	
17:00	CLOSE	

### Friday 21 November 2025

TRACK C: ARTIFICIAL INTELLIGENCE TOOLS TO SUPPORT PHARMACOEPIDEMIOLOGY
RESEARCH (Intermediate) (English)

### Session coordinator:

**Dr Joseph Edgar Blais**, Assistant Professor, Department of Pharmacology and Pharmacy, The University of Hong Kong

### Instructors:

**Professor Qingpeng Zhang**, Associate Professor HKU Musketeers Foundation Institute of Data Science and Department of Pharmacology and Pharmacy, The University of Hong Kong

**Professor Emmanuel Chun-Ka Wong**, Clinical Assistant Professor, School of Clinical Medicine, LKS Faculty of Medicine, The University of Hong Kong

A/P Amy HY Chan, Associate Professor, School of Pharmacy, The University of Auckland

Dr Jay Gong, Lecturer in Clinical Pharmacy Practice, School of Pharmacy, The University of Auckland

**Dr Deliang Yang**, Post-doctoral fellow, School of Clinical Medicine, LKS Faculty of Medicine, The University of Hong Kong

Mr Daniel Qi Sun, PhD Candidate, Department of Pharmacology and Pharmacy, The University of Hong Kong

Time	Topic
09:00 - 10:30 (90 mins)	Introduction to language models and applications in unstructured clinical data Instructors: Qingpeng Zhang and Emmanuel Chun-Ka Wong
10:30 - 10:55 (25 mins)	BREAK
11:00 - 12:30 (90 mins)	Al models for prediction problems in pharmacoepidemiology Instructor: Qingpeng Zhang
12:30 - 13:30 (60 mins)	LUNCH on your own
13:30 - 15:00 (90 mins)	Efficient coding of prediction models in R and Python Instructors: Deliang Yang (Python) and Daniel Qi Sun (R)
15:00 – 15:25 (25 mins)	BREAK
15:30 - 16:00 (30 mins)	Efficient coding of prediction models in R and Python (Continued) Instructors: Deliang Yang (Python) and Daniel Qi Sun (R)
16:00 - 17:00 (60 mins)	Al tools in publishing medication-related Al and digital health research (Panel style discussion with answers to participant questions) Instructors: Qingpeng Zhang, Amy HY Chan, Jay Gong
17:00	CLOSE

### Friday 21 November 2025

### TRACK D: ADVANCED PHARMACOEPIDEMIOLOGY (English)

### **Session coordinators:**

**Dr Joshua Kueiyu Lin**, Associate Professor, Harvard Medical School **Hu Li** MD PhD, Head of Epidemiology and RWE, Neurocrine Biosciences

### Speakers:

**Prof Benjamin Bates**, Assistant Professor, Center for Pharmacoepideimology and Treatment Science, Rutgers University

**Prof Soko Setoguchi**, Professor of Medicine and Epidemiology, Rutgers Robert Wood Medical School and Rutgers School of Public Health

Mr Daniel Tsai, School of Pharmacy, National Cheng Kung University

Dr Kenneth Man, University College London, School of Pharmacy

**Prof Yong Chen**, Professor of Biostatistics, Department of Biostatistics, Epidemiology, and Informatics, University of Pennsylvania Perelman School of Medicine

Prof Xin Sun, Director, Chinese Evidence Based Medicine Center, West China Hospital, Sichuan University

Xiang Zhang PhD, Head Medical Affairs and HTA Statistics/Co-Lead FORExecellence, CSL Behring

Time	Topic
09:00 - 10:30 (90 mins)	PE Core: Assessing the impact of unmeasured confounders for credible and reliable real-world evidence Speakers: Hu Li and Xiang Zhang
10:30 - 11:00 (30 mins)	BREAK
11:00 - 12:30 (90 mins)	Region-specific: Methods in Environmental PE Speakers: Prof Benjamin Bates and Prof Soko Setoguchi
12:30 - 13:30 (60 mins)	LUNCH on your own
13:30 - 15:00 (90 mins)	PE Core: TTE/CCW sequential trials Speakers: Dr Joshua Kueiyu Lin, Mr Daniel Tsai and Dr Kenneth Man
15:00 - 15:20 (20 mins)	BREAK
15:20 - 16:10 (50 mins)	PE Core: Expanding the Reach of Target Trial Emulations: Federated Learning, Negative Controls, and Causal AI in Pharmacoepidemiology Speaker: Prof Yong Chen
16:10 - 17:00 (50 mins)	Region-specific: Methods in traditional medicine Speaker: Prof Xin Sun
17:00	CLOSE

### Friday 21 November 2025

Educational Session Program (optional, additional fee)

Venue: Cyberport, Cyberport 3, 100 Cyberport Road, Hong Kong

(PLEASE SEE INDIVIDUAL TRACK PROGRAMS FOR DETAILS)

Lunch is not included in the registration fee.

Cyberport Arcade has many food venues where delegates can purchase lunch.

08:00-17:00	Registration and Information Desk Open	
08:30-17:00	TRACK A: DATABASE PHARMACOEPIDEMIOLOGY (INTRODUCTORY/INTERMEDIATE)	
Room:	Cyberport, Function Room 1	
08:30-17:00	TRACK B: NON-DATABASE PHARMACOEPIDEMIOLOGY (INTRODUCTORY/INTERMEDIATE)	
Room:	Cyberport, Smart Living Lab 3	
09:00-17:00	TRACK C: ARTIFICIAL INTELLIGENCE TOOLS TO SUPPORT PHARMACOEPIDEMIOLOGY RESEARCH	
Room:	Cyberport, Function Room 2	
09:00-17:00	TRACK D: ADVANCED PHARMACOEPIDEMIOLOGY	
Room:	Cyberport, Training Theatre	
13:00	ISPE BOARD MEETING	
Room:	Cyberport, Smart Living Lab 2	
17:30-19:00	<b>WELCOME RECEPTION</b> Venue: El Charro Mexican Cantina, The Arcade, Cyberport	
19:00-21:00	STUDENT TRAM PARTY	

### Day 1 - Saturday 22 November 2025

07:30-17:15	Registration and Information Desk Open	
08:30-10:00	OPENING PLENARY	
Room:	Lecture Theatre 1 & 2	
08:30-09:00	Conference Opening and Welcome Addresses	
	Ursula Kirchmayer, ISPE President Esther W.Y. Chan, Local Host Committee Chair & Conference Co-Chair; The University of Hong Kong Hiraku Kumamaru, ISC Chair & Conference Co-Chair; Yokohama City University Chak-Sing Lau BBS, JP - Vice-President & Pro-Vice-Chancellor (Health), Dean of Medicine, The University of Hong Kong MC: Vincent Yan, President of the ISPE Student Chapter (Hong Kong) MC: Eunice Deng, Vice-president of the ISPE Student Chapter (Hong Kong)	
09:00-10:00	Keynote Presentation	
	<b>100. Digital tools for decentralized trials and digital endpoints</b> Amy Chan, School of Pharmacy, The University of Auckland	
10:00-10:40	MORNING BREAK / EXHIBITION / POSTER VIEWING	

### Day 1 - Saturday 22 November 2025

10:45-12:15	CONCURRENT SYMPOSIA	
Room:	Lecture Theatre 1	Lecture Theatre 2
	Session 1: China mainland real world data landscape today and tomorrow	Session 2: AI/ML applications in pharmacoepidemiology: Risk identification and management in Asian populations
	Moderators: Kinwei Arnold Chan, Senior Vice President, TriNetX, LLC Joe Blais, The University of Hong Kong Speakers:	Moderators: Rui She, The Hong Kong Polytechnic University Aimin Yang, The Chinese University of Hong Kong
	Zhenna Huang, Center for Observational Research, Amgen Jifang Zhou, China Pharmaceutical University Pei Gao, Peking University Huiyao Huang, Cancer Hospital of	Speakers: Aimin Yang, The Chinese University of Hong Kong Wai Kit Ming, City University of Hong Kong Shanquan Chen, London School of Hygiene & Tropical Medicine
	Chinese Academy of Medical Science, National Cancer of China	Sha Feng, Shenzhen Institute of Advanced Technology, Chinese Academy of Sciences Da Feng, Shenzhen Institute of Advanced Technology, Chinese Academy of Sciences Fan Jiang, Shandong University Yuanxuan Cai, Huazhong University of Science and Technology
12:15-13:35	LUNCH	
12:30-13:25	SPOTLIGHT POSTER SESSION 1 (PLEASE SEE SPOTLIGHT POSTER PROGRAM FOR DETAILS)	
	Group 1 – Cardiometabolic medicines and diabetes research Room: 3 Sassoon Road, 1/F Learning Commons B Group 2 – Validation, drug utilization and outcome studies Room: 5 Sassoon Road, G/F SR1A	

### Day 1 - Saturday 22 November 2025

13:40-15:15	CONCURRENT CONTRIBUTED PAPERS	
Room:	Lecture Theatre 1	Lecture Theatre 2
	Session 1: Pharmacovigilance and medication safety: Carditis, deprescribing in elderly and medical devices	Session 2: Artificial intelligence and methods in pharmacoepidemiology
	Moderators: Masato Takeuchi, Shizuoka Graduate University of Public Health Shilpa Palaksha, JSS College of Pharmacy	Moderators: Olaf Klungel, Utrecht University Hu Li, Neurocrine Biosciences
13:45-14:00	101. Top 10 drugs most frequently associated with myocarditis and pericarditis adverse events Hyesu Jo, Kyung Hee University	107. Using routine clinical data to identify high-risk prediabetes for diabetes and cardiovascular-complications Aimin Yang, Chinese University of Hong Kong
14:00-14:15	102. Short-term risk of urinary retention following recent elevations in anticholinergic burden Daniel Tsai, National Cheng Kung University	108. Target trial emulation in oncology: Current use and future directions Huiyao Huang, Cancer Hospital of Chinese Academy of Medical Science, National Cancer of China
14:15-14:30	103. Patient satisfaction and adverse reactions to isotretinoin in acne patients Sunita Kularia, Parul University	109. Individualized treatment effect estimation in bipolar disorder: A causal machine learning approach Junhyuk Chang, Ajou University Graduate School of Medicine
14:30-14:45	104. Non-invasive imaging of facial erythema treated with a transdermal delivery system Wiktoria Odrzywołek, Medical University of Silesia	110. Methodological comparison of creatinine clearance calculation in chronic kidney disease Gayatri Panicker, Manipal College of Pharmaceutical Sciences
14:45-15:00	105. Development and validation of causality assessment tool for adverse-events to medical devices Adusumilli Pramod Kumar, Ramaiah University of Applied Sciences	111. Transcriptomic and pharmacogenomic analysis reveals biomarker-guided drug repositioning opportunities in DKD Nadyatul Husna, Reksodiwiryo Military Hospital Padang
15:00-15:15	106. Barriers to adverse-event reporting of dental devices: A cross-sectional survey in India Jeesa George, M S Ramaiah University of Applied Sciences	112. Quasiquantitative bias analysis of comparator choice for Denosumab in KAERS database Suvin Park, Ewha Womans University
15:15-15:55	AFTERNOON BREAK /EXHIBITION / PO	STER VIEWING

## Day 1 - Saturday 22 November 2025

16:00-17:30	CONCURRENT SYMPOSIA	
Room:	Lecture Theatre 1	Lecture Theatre 2
	Session 3: Real World Oncology Data in the Asia-Pacific: Comparisons and Collaborations for Pharmacoepidemiologists	Session 4: Data Environment in Asia and Multi-National RCT-DUPLICATE Project: Challenge, Insights and Value
	Moderators: Benjamin Daniels, University of New South Wales Sydney Krishna Undela, National Institute of Pharmaceutical Education and Research (NIPER)  Speakers: Benjamin Bates, Rutgers University Wei Kang, Tianjin University Shuei He Yang, National Cheng Kung University Ju Hwan Kim, Sungkyunkwan University Hiraku Kumamaru, Yokohama City University	Moderators: Kenneth Man, University College London In-Sun Oh, Sungkyunkwan University  Speakers: Francisco Lai, The University of Hong Kong Hwa Yeon Ko, Sungkyunkwan University Brian Meng Hsun Li, National Cheng Kung University Jenni Ilomaki, Monash University
17:30	END OF DAY 1	
18:30-21:30	GALA DINNER Venue: Ming Pavilion, Senior Common Room, 14/F, KK Leung Building, The University of Hong Kong MC: Vincent Yan, President of the ISPE Student Chapter (Hong Kong) MC: Eunice Deng, Vice-president of the ISPE Student Chapter (Hong Kong) Performance by The University Philharmonic Orchestra, Cultural Association, The University of Hong Kong	

### Day 2 - Sunday 23 November 2025

	or Hong Kong, Lecture Theatre 1 & 2, 171	
07:30-16:00	Registration and Information Desk Open	
08:00-08:50	AsPEN Showcase	
Room:	Lecture Theatre 2	
	Moderators: Hiraku Kumamaru, Yokohama City University and Ju-Young Shin, Sungkyunkwan University Part 1: Introduction to AsPEN - Ju-Young Shin, Sungkyunkwan University Part 2: Current Achievements of AsPEN - Daniel Tsai, National Cheng Kung University Part 3: Future Directions of AsPEN - Kenneth Man, University College London	
08:55-10:30	CONCURRENT CONTRIBUTED PAPERS	
	Lecture Theatre 1	Lecture Theatre 2
	Session 3: Vaccines and infectious diseases	Session 4: Pharmacoepidemiology at the macro level: Drug utilisation, policy impacts and global pharmacogenetics
	Moderators: Simon Bell, Monash University Hisashi Urushihara, Keio University	Moderators: Christopher T Rentsch, London School of Hygiene & Tropical Medicine Hei Hang Edmund Yiu, The University of Hong Kong
09:00-09:15	RISING STAR AWARDEE 200. Cardiovascular effects of influenza vaccination: Target trial emulation using proximal causal inference Jinxin Guo, Peking University	206. Real-world treatment patterns and outcomes of biologics in severe asthma in Taiwan Hung-Wei Lin, IQVIA Solutions
09:15-09:30	201. Safety of 23-valent pneumococcal polysaccharide vaccine in older adults: The VENUS Study Shiori Nishimura, Yokohama City University	207. Assessing ENDS impact on COPD: A systematic review and meta-analysis Ajay Malvi, National Institute of Pharmaceutical Education and Research
09:30-09:45	202. Association between antibiotic use for non-gastrointestinal infections and inflammatory bowel disease flare-ups Yin Zhang, The University of Hong Kong	208. Nationwide serial cross-sectional study for outpatient cancer chemotherapy after new policy implementation Takehiro Ishida, Teikyo University
09:45-10:00	203. Autoimmune disease risk after COVID- 19 vaccination: A self-controlled case series Kevin Yi-Chen Liao, National Cheng Kung University	209. Impact of gender-affirming hormonal therapy on medication use: Interrupted time series analysis Sam Wade, Monash University
10:00-10:15	204. Short-, medium- and long-term sequelae following COVID-19 infection: A multi-national cohort study Ran Zhang, The University of Hong Kong	210. Impacts of dedicated budget policy on long-acting injectable antipsychotic usage in Taiwan Grace Hui-Min Wu, Global Epidemiology, Johnson & Johnson
10:15-10:30	205. Long-Term effects and quality of life: COVID-19 versus vaccination over one year Yogendra Shrestha, Parul University	<b>211. A multi-tier regressive markup pricing model for imported medicines in Sri Lanka</b> Kalpani Aleththuge, University of Moratuwa

### Day 2 - Sunday 23 November 2025

Venue: The University of Hong Kong, Lecture Theatre 1 & 2, 1/F, 3 Sassoon Road, Pokfulam

10:30 - 11:10 MORNING BREAK / EXHIBITION / POSTER VIEWING

**CONCURRENT CONTRIBUTED PAPERS** 11:15-12:45

Rooms: Lecture Theatre 1 Lecture Theatre 2

> Session 5: Evidence generation using multi-jurisdictional realworld data throughout the drug life cycle

Session 6: Harmonizing Post-Marketing Safety Evaluation Using RWD Across Regions

Moderators:

Simon Bell, Monash University Siyan Zhan, Peking University

Speakers:

Celine Chui, The University of Hong

Ching-Lung Cheung, The University of

Hong Kong
Hong Bin, Sungkyunkwan University
Zanfina Ademi, Monash University George Tan, Monash University Olaf Klungel, Utrecht University

Moderators:

**Yongjing Zhang**, Office of the Chief Medical Officer, Johnson & Johnson Suzu Chia-Hsien Chang, Center for Observational Research, Amgen

Speakers:

Nakajo Ko, Office of the Chief Medical Officer, Johnson & Johnson

Ju-Young Shin, Sungkyunkwan

University

Jeff Lange, Center for Observational

Research, Amgen Marie De Bruin, Utrecht University

12:45-14:10 LUNCH

13:00-13:55 POSTER SPOTLIGHT SESSION 2 (PLEASE SEE SPOTLIGHT POSTER PROGRAM

Group 1 - Research applying advanced methods in pharmacoepidemiology

Room: 3 Sassoon Road, 1/F Learning Commons B

Group 2 - Safety, implementation, and health system research

Room: 5 Sassoon Road, G/F SR1A





ISPE'S 18TH ASIAN CONFERENCE ON PHARMACOEPIDEMIOLOGY

30 OCT-1 NOV 2026

MELBOURNE, AUSTRALIA







### Day 2 - Sunday 23 November 2025

14:10-15:45	CONCURRENT CONTRIBUTED PAPERS	
	Lecture Theatre 1	Lecture Theatre 2
	Session 5: Cardiometabolic pharmacoepidemiology	Session 6: Central nervous system pharmacoepidemiology
	Moderators: Shan Luo, The University of Hong Kong Yusuke Okada, Keio University	Moderators: Kiyoshi Kubota, NPO Drug Safety Research Unit Jenny Ilomaki, Monash University
14:15-14:30	212. Effect of SGLT2i treatment durations on cardiovascular outcomes: target trial emulation study Bin Hong, Sungkyunkwan University	218. Aspirin in pregnancy and risk of atopic and neurodevelopmental disorders in offspring Brian Meng Hsun Li, National Cheng Kung University
14:30-14:45	213. Optimal INR target for atrial fibrillation patients with and without mitral stenosis Yu Yang, The University of Hong Kong	219. Utilization of methylphenidate and atomoxetine among children and adolescents in South Korea Kim Seonghae, Chungnam National University
14:45-15:00	214. Prescribing patterns and effectiveness of PCSK9 inhibitors in Hong Kong Bingbing Zhu, The University of Hong Kong	RISING STAR AWARDEE 220. Outcomes related to persistent opioid use after surgery or trauma Jiayi Gong, University of Auckland
15:00-15:15	215. Kidney outcomes of Dapagliflozin-10mg versus Empagliflozin-10mg versus Empagliflozin-25mg: Propensity- matched cohort study Johnny Cheung, The Chinese University of Hong Kong; Prince of Wales Hospital	221. Association between gabapentinoid and risk of traumatic fracture a multinational observation study Siu Chung Andrew Yuen, University College London
15:15-15:30	216. Risk of asthma exacerbation among users of novel antidiabetic agents: Target-trial emulation Avery Shuei-He Yang, Population Health Data Center	222. Comparing fracture risks following aripiprazole versus other prolactin-sparing antipsychotics after prolactin-increasing antipsychotics Wenxin Tian, The University of Hong Kong
15:30-15:45	217. Association of pioglitazone and risk of epilepsy using the US Collaborative Network Albert Tzu-Ming Chuang, Population Health Data Center	223. Economic evaluation of antidepressants in China: Development of a meta-model Liming Zhao, China Pharmaceutical University
15:45-16:25	AFTERNOON BREAK / EXHIBITION	N / POSTER VIEWING

### Day 2 - Sunday 23 November 2025

Venue: The University of Hong Kong, Lecture Theatre 1 & 2, 1/F, 3 Sassoon Road, Pokfulam

16:30-17:45	CLOSING PLENARY
Room:	Lecture Theatre 2
16:30-17:30	Keynote Presentation
	224. From data to decisions: How real-world evidence transforms healthcare policy and practice Mary Beth Ritchey, Med Tech Epi, LLC; ISPE Immediate Past-President
17:30-17:45	Awards Presentations and Conference Close
17:45	END OF CONFERENCE





For more information, please visit: https://www.gilead.com/

# **Poster Summary**

Location	Saturday	Sunday
3 Sassoon Road, 1/F	Artificial Intelligence Genetics Mental disorders	Environmental Pharmacoepidemiology Pregnancy and Lactation Renal
3 Sassoon Road, 2/F	Diabetes	Medication Adherence / Pharmacy Practice
3 Sassoon Road, 3/F	Central Nervous System Pediatric Pharmacoepidemiology	Health Economics / Health Equity Pharmacovigilance
5 Sassoon Road, G/F	Autoimmune diseases / Allergies Cancer Cardiovascular Geriatric Pharmacoepidemiology Methods	COVID-19 Infectious diseases Medical Devices Others Respiratory



# **Spotlight Poster Program**

Group 1	Location: 3 Sassoon Road, 1/F Learning Commons B
SP01	Investigating prevalence of oct genotypes and metformin pharmacokinetic variability among indian population Dhivya D, JSS College of Pharmacy
SP02	SGLT2 inhibitors and GLP-1 receptor agonists for brain-related outcomes in MASLD population Chae Min Lee, Sungkyunkwan University
SP03	Comparison of biguanides and SGLT2 inhibitors on cardio-cerebrovascular outcomes, complications, and costs Eiji Nakatani, Nagoya City University
SP04	Impact of Liraglutide on childhood obesity: A population-based estimation Emma Shi, Burlingame High School
SP05	Questionnaire development and validation to assess community pharmacists' medication therapy management practices Zuha Shyma, Manipal College of Pharmaceutical Science
SP06	Detection and resolution of DRPs in Pediatric intensive care hospital Neelima Ganzi, Raghavendra Institute of Pharmaceutical Education and Research
SP07	SGLT2 inhibitors and the risk of nephrolithiasis in Thai patients with diabetes Thitiya Lukkunaprasit, Rangsit University

Group 2	Location: 5 Sassoon Road, G/F SR1A
SP08	Medication adherence to PCSK9 inhibitors in clinical practice: Systematic review and meta-analysis Joe Blais, The University of Hong Kong
SP09	Lipid lowering therapy use in high-risk CV patients of VESALIUS-REAL: Hong Kong Wai Ki Cheung, The University of Hong Kong
SP10	Regulatory patterns in FDA oncology withdrawals: Spotlight on FDORA enforcement Gyeyoung Choi, Ewha Womans University
SP11	Evaluating institutional medication use safety-program in ambulatory settings for chronic disease management Ravindra P Choudhary, JSS College of Pharmacy
SP12	Development of novel poison severity and mortality scale: Optimizing emergency clinical outcomes Sannidhi Prabhu, MS Ramaiah University of Applied Sciences
SP13	Comparison of clinical practice guidelines for ADHD patients with comorbidities across countries Jiwon Kim, Ewha Womans University
SP14	Validation of diagnostic coding for chronic kidney disease using Japanese hospital-based database Momiji Otani-Kono, Keio University Faculty of Pharmacy

# **Spotlight Poster Program**

Group 1	Location: 3 Sassoon Road, 1/F Learning Commons B
SP15	Effect of ARB on the development of chronic diabetic complications: TTE study Xiaowei Chen, Peking University
SP16	A machine learning-based predictive model for assessing QTc prolongation in hospitalized patients Hsiu-Ting Chien, Harvard Medical School
SP17	Depression in rheumatoid arthritis patients initiating JAKi versus TNFi: Target Trial Emulation Shin Yeong Kim, Jeonbuk National University
SP18	Examining the necessity of subgroup-based Rapid Cycle Analysis: Lessons from COVID-19 vaccine Koshiro Arai, Japan Institute for Health Security
SP19	Live zoster vaccination and chronic respiratory disease: An emulated target trial Kyeongmin Lee, Kyung Hee University
SP20	Gallbladder cancer risk factors in northeast India: A mixed-methods sequential explanatory analysis Christy Thomas, National Institute of Pharmaceutical Education and Research
SP21	Establishing sex-age-specific TSH and FT4 reference intervals among adults in Hong Kong Jiawen Lu, The Hong Kong Polytechnic University

Group 2	Location: 5 Sassoon Road, G/F SR1A
SP22	Use of Surrogate endpoints and Real-world evidence in recent oncology NICE submissions Sojeong Bae, Ewha Womans University
SP23	Effectiveness of academic detailing for type 2 diabetes care in Ontario, Canada Cherry Chu, Women's College Hospital
SP24	Digital solutions in Materiovigilance for enhanced safe use of medical devices Gangadharappa HV, JSS College of Pharmacy
SP25	Cardiovascular risk of romosozumab versus teriparatide: Cohort study using Japan's national database Hotaka Maruyama, Pharmaceuticals and Medical Devices Agency
SP26	Potential interactions between SSRIs and DOACs: Population-based cohort and case-crossover study Marco Chau, London School of Hygiene & Tropical Medicine
SP27	Clinical comparison of magnesium versus traditional bone implants in fracture fixation Lejin Mathew, Independent Researcher
SP28	Study on prevalent CYP2C19 variants driven sertraline PopPk in South Indian patients Manojkumar V, JSS College of Pharmacy

Artificial	Artificial Intelligence Location: 3 Sassoon Road, 1/F	
P100	Comparing GBTA, HMMs, and process mining for medication use patterns Harvey Jia Wei Koh, Monash University	
P101	Validation of the P-CARDIAC: A risk model for cardiovascular events Celia Lin, The University of Hong Kong	
P102	Development and validation of 10-year cardiometabolic risk prediction models in prediabetic adults Jie Mei, The University of Hong Kong	
P103	Bayesian dosage adjustment of tacrolimus in kidney transplantation: A systematic review Tejashree Pasumarthi, Manipal College of Pharmaceutical Sciences	
P104	Improving UTI diagnosis using clinical symptoms and laboratory tests using machine learning Vismaya V, JSS College of Pharmacy	
P105	Predicting ischemic stroke risk in patients with atrial fibrillation with drug-protein-disease network Qingpeng Zhang, The University of Hong Kong	
P106	Unsupervised learning for novel cardiac surgery phenotyping via multimodal, high-dimensional perioperative data Jifang Zhou, Xiang Li, Ruijian Huang, China Pharmaceutical University	

Genetics	Location: 3 Sassoon Road, 1/F
P107	Identification of HLA alleles in Thailand using long-read sequencing for pharmacogenomics applications Maliheh Ershadian, Mahidol University; Ramathibodi Hospital
P108	Genes, beliefs, and behavior: A factor-analytic study on pharmacogenomic acceptance in depression Shyam Nikethen Girivasan, JSS College of Pharmacy
P109	Genome-wide association study of TKI-induced hepatotoxicity in all of us Tae Young Jung, Chungbuk National University

Mental Disorders Location: 3 Sassoon Road, 1/1	
P111	Reduction of psychiatric hospitalization after revisions for Mental Health and Welfare Act Tomokazu Furukawa, Johnson & Johnson
P112	Drug utilisation evaluation of antipsychotics at a tertiary care hospital Regila Rex, Government Medical College Suryapet
P113	Has mental healthcare reached the grassroots? Evidence from psychotropic drug utilization Senlin Sha, Shandong University

Diabetes	Location: 3 Sassoon Road, 2/F
P114	Vitamin D deficiency-related factors influence surgical management strategy in diabetic foot infection Ruby Benson, Manipal College of Pharmaceutical Sciences
P115	Assessment of factors affecting self-management practices among type 2 diabetes mellitus patients Yamini Bhamare, MS Ramaiah University of Applied Sciences
P116	Sacubitril/valsartan and SGLT2 inhibitors in HFrEF with renal dysfunction: Time-dependent Cox's models Tung-Chun Russell Chien, National Taiwan University
P117	Glucose monitoring effectiveness in non-insulin dependent T2DM patients: An umbrella review Nathaniel Foo, Monash University
P118	Safety and efficacy of chiglitazar for treating T2D in China: A meta-analysis Xintong He, IQVIA
P119	Hepatic effectiveness of empagliflozin versus dapagliflozin in metabolic dysfunction-associated steatotic liver disease Suyeon Kim, Sungkyunkwan University
P120	Change in antihypertensive use after initiation of second-line oral antidiabetics in Korea Ye-Jee Kim, University of Ulsan
P121	Synergistic association of RAAS inhibitors and SGLT2 inhibitors on major hepatic events Hwa Yeon Ko, Sungkyunkwan University
P122	UTI risk & treatment outcomes with SGLT2 inhibitors in T2DM: Retrospective study Prasanna Kumar, Manipal College of Pharmaceutical Sciences
P123	Weight loss effects of semaglutide in normal-weight adults: A meta-analysis of RCTs Dain Lee, Yonsei University
P124	Effects of vitamin D supplementation in diabetes or prediabetes: An umbrella review Jianzhao Liu, Southern University of Science and Technology
P125	Real-world impact of funding decisions on SGLT2i utilisation and prescribing in Singapore San Zeng Low, Agency for Care Effectiveness
P126	Development, validation of KAP questionnaire for tuberculosis patients with type-II diabetes mellitus Pravachana Malakapogu, Manipal College of Pharmaceutical Sciences
P127	Association between DPP-4 inhibitor use and Parkinson's disease risk in T2DM Jun Hyuk Park, Chungbuk National University
P128	Oral antidiabetics impact on COPD exacerbations in type 2 diabetes: Network Meta-Analysis Jayaraj Patil, National Institute of Pharmaceutical Education and Research
P129	Alcohol and drug abuse in patients with diabetes receiving GLP1 receptor agonists Daniel Tsai, National Cheng Kung University
P130	Optimising renal function monitoring intervals for type 2 diabetes patients Boyuan Wang, The University of Hong Kong
P131	Use of dipeptidyl peptidase-4 inhibitors and risk of acute pancreatitis: Trend-in-trend design Avery Shuei-He Yang, Population Health Data Center
P132	Risk of diabetic retinopathy with GLP-1RA, SGLT2i, and DPP-4i: A real-world study Yongqi Zheng, Peking University
P133	Re-admission and safety outcomes of leadless vs transvenous pacemakers Jifang Zhou, Xiang Li, Ruijian Huang, China Pharmaceutical University

Central N	Central Nervous System Location: 3 Sassoon Road, 3/F	
P134	Optimizing refractory epilepsy treatment through structured seizure monitoring: A prospective cohort study Jatin Batra, JSS College of Pharmacy	
P135	Beliefs and experiences of opioid users in New Zealand: A cross-sectional study Jiayi Gong, University of Auckland	
P136	Changing GLD patterns in Australian: General vs neurodegenerative populations (2015–2024) Qingke He, Monash University	
P137	Comparing the risk of dementia and Parkinson's disease between abiraterone and enzalutamide Jaehee Jung, Yonsei University	
P138	Dementia risk associated with blood-brain-barrier-crossing versus non-crossing angiotensin-converting enzyme inhibitors Jisu Park, Sungkyunkwan University	
P139	Anti-seizure drug-related problems in patients with refractory epilepsy Salome Vanlalduhsaki, JSS College of Pharmacy	
P140	Prescription opioid dose change and risk of ED visits: A case-crossover study Ting Xia, Monash University	
P141	Trends in gabapentinoid prescriptions among opioid users for pain management in Malaysia Che Suraya Zin, International Islamic University Malaysia	

Pediatric Pharmacoepidemiology Location: 3 Sassoon Road, 3/F	
P142	Characteristics, determinants, and antibiotic usage associated with Gram-negative infections in pediatric patients Krishnakumar Athavil, Manipal College of Pharmaceutical Sciences
P143	Outpatient antibiotic prescribing in early life: Analysis of Swiss health claims data Claudia Becker, University of Basel
P144	Sex-specific reporting patterns of suicide-related adverse drug events in children and adolescents Haerin Cho, Ewha Womans University
P145	Risk prediction models for adverse drug reactions in pediatric: A systematic review Ruonan Gao, Sichuan University
P146	Association of dexamethasone prescription with acute kidney injury among hospitalized children Yuanhui Hu, Sichuan University
P147	Sex-specific associations between habitual drug use and suicide-related behaviors in Korean adolescents Jeong Ah Kim, Ewha Womans University
P148	Relative-age effect on ADHD diagnosis and pharmacologic treatment in children Andrew Li, University of British Columbia
P149	Colistin monotherapy vs combination in pediatric MDR gram-negative infections: Propensity analysis Ajaree Rayanakorn, Chiang Mai University
P150	Drug targets for attention deficit hyperactivity disorder: A proteomic-wide Mendelian randomization study Xingyu Shen, The University of Hong Kong

Pediatric	Pediatric Pharmacoepidemiology Location: 3 Sassoon Road, 3/F	
P152	GLP-1 receptor agonists in children: A FAERS analysis of adverse events Aylin Vidin Sen, Bahçeşehir University	
P153	Consumption patterns of ADHD medication in mainland China: 2015-2023 Yifei Zhao, Xi'an Jiaotong University	
P154	Medication treatment patterns and persistence in chinese children and adolescents with ADHD Jifang Zhou, Xiang Li, Ruijian Huang, China Pharmaceutical University	

Autoimm	Autoimmune Diseases / Allergies Location: 5 Sassoon Road, G/F	
P155	Applying hierarchical clustering of patient characteristics in Japanese patients with plaque psoriasis Chengxiang Du, Global Epidemiology, Johnson & Johnson	
P156	Utilization patterns of advanced therapies in inflammatory bowel disease in South Korea Ju Hwan Kim, Sungkyunkwan University	
P157	Clinical and healthcare burden of difficult-to-treat rheumatoid arthritis in Japan Wen Shi Lee, Institute of Science Tokyo	
P158	Real-world persistence with Ustekinumab treatment for psoriasis in Japan and China Tong Li, Johnson & Johnson	
P159	Temporal trends in biosimilar prescriptions in Japan Minako Matsumoto, Keio University	
P160	Comparative efficacy between bepotastine and olopatadine for the treatment of allergic conjunctivitis Ajeesh Mohammed P Z, National Institute of Pharmaceutical Education and Research	
P161	Establishing skin prick test concentrations for diagnosing immediate drug allergies Shilpa Palaksha, JSS College of Pharmacy	
P162	Recognizing Warm Autoimmune Hemolytic Anemia: A study from 3 hospitals in China Meng Shu, Johnson & Johnson	

Cancer	Location: 5 Sassoon Road, G/F	
P163	The relationship between event-free and overall survival of head and neck carcinoma Philip Chun-Ming Au, The University of Hong Kong	
P164	Translating potential drug-drug interactions into clinically actionable insights in hematological malignancy patients Deepthi Avvaru, Kasturba Medical College	
P165	Population-based GWAS of immune checkpoint inhibitor-induced hepatotoxicity Seung Hwan Chang, Chungbuk National University	
P166	CAR T-cell therapy for acute myeloid leukemia: A systematic review and meta-analysis Bunchai Chongmelaxme, Chulalongkorn University	
P167	Hypomethylating agent versus venetoclax combination for Asian patients with Acute Myeloid Leukaemia Qiwen Fang, The University of Hong Kong	
P168	Efficacy and safety of first-line ICIs for advanced NSCLC: NMA of RCTs Rohan Jagdale, National Institute of Pharmaceutical Education and Research Guwahati	
P169	Patient-reported outcomes of pharmacist-led topical steroid use in breast cancer radiotherapy Sheba John, Sarada Vilas College of Pharmacy	
P170	Risk factor analysis for immediate hypersensitivity reactions in chemotherapy patients Sheba John, Sarada Vilas College of Pharmacy	
P171	Delayed withdrawal of boxed warning-labeled oncology drugs under accelerated approval Seonmin Lee, Ewha Womans University	
P172	Safety signals of concomitant immune checkpoint inhibitors and corticosteroids in VigiBase Hui-Eon Lee, Ewha Womans University	
P173	Colchicine use for gout and risk for cancer Yoonmin Jang, Sungkyunkwan University	
P174	Association between CDK4/6 inhibitors and risk of cardiotoxicity in breast cancer patients Hsin Lien, National Yang Ming Chiao Tung University	
P175	Immunosuppressant use among organ transplant patients: A single-center study in Vietnam Do Hoang Vy Nguyen, Ho Chi Minh City University of Medicine and Pharmacy	
P176	PD-L1 expression modulates frontline ALK-TKI response in ALK-rearranged NSCLC: Target trial emulation Yijin Qiu, Jinan University	
P177	Disease context matters: Real-world correlation between surrogate endpoints and survival in oncology Jaemin Sim, Ewha Womans University	
P178	Chemotherapy toxicity and intolerance assessed by CARG-TT scores in Chinese elders Lirong Yang, Renji Hospital; Shanghai Jiao Tong University	

Cardiovascular Location: 5 Sassoon Road, G/F	
P180	Habitual aspirin use and liver fat and inflammation: UK Biobank study Qi Feng, Imperial College London
P181	Assessing volume-based procurement effects on lipid-lowering drugs in Jiangsu with mixed-effects model Yuanyuan Fu, The First Affiliated Hospital with Nanjing Medical University
P182	Real-world evaluation of ticagrelor in acute coronary syndrome: A retrospective cohort study Louise Gek Huang Goh, Ministry of Health
P183	Real-world effectiveness of PCSK9i in hyperlipidemia patients with different ASCVD risk Yuhsuan Ko, Linkou Chang-Gung Memorial Hospital
P184	Peripheral edema following the use of amlodipine and celecoxib: A case-crossover study Kiyoshi Kubota, NPO Drug Safety Research Unit
P185	Effect of PCSK9 inhibitors on major adverse cardiovascular events in patients with atherosclerotic cardiovascular disease: A population-based study using target trial emulation Lijia Liu, Peking University
P186	Heterogeneity in statin efficacy for primary cardiovascular prevention: A meta-analysis Yujun Long, Shenzhen University of Advanced Technology
P187	Apolipoprotein A-I does not associate with cardiovascular outcomes at any LDL-cholesterol Yujie Ai, The University of Hong Kong
P188	Association of dietary and circulating micronutrients with NAFLD: Meta-analysis of observational studies Mamidi Niveditha, National Institute of Pharmaceutical Education and Research
P189	Effectiveness of sodium intake among athletes: A comprehensive systematic review Jaseela Nk, National Institute of Pharmaceutical Education and Research
P190	Statin and risk of amyotrophic lateral sclerosis: An active-comparator, new-user cohort study Yusuke Okada, Keio University
P191	Factors associated with improved patient reported outcomes in coronary artery disease Kavya A V, M S Ramaiah University of Applied Sciences
P192	Effect of concomitant use of statins and direct oral anticoagulants Qiuyan Yu, The University of Hong Kong

Geriatric	Geriatric Pharmacoepidemiology Location: 5 Sassoon Road, G/F	
P193	Evaluating the impact of anticholinergic burden on fall and fracture Albert Tzu-Ming Chuang, Population Health Data Center	
P194	Diabetes-medication use and dementia at end-of-life in the United Kingdom and Australia.  Darshna Goordeen, Monash University	
P195	Serial cross-sectional analysis for nationwide polypharmacy reduction after policy implementation during COVID-19 Takehiro Ishida, Teikyo University Graduate School of Public Health	
P197	Clusters of psychotropic and health service use in Australians living with dementia Edward Chun Yin Lau, The University of Sydney	
P198	Antipsychotics and risk of falls/fractures in dementia: A systematic review and meta-analysis Pajaree Mongkhon, University of Phayao	
P199	Feasibility study on polypharmacy using a deprescribing payment scheme in Japan Masato Takeuchi, Shizuoka Graduate University of Public Health	
P200	Marijuana use accelerates biological aging among adults: Mediating role of blood cadmium Kai Wei, Guizhou Provincial People's Hospital	
P201	Statin therapy for primary prevention in older patients with chronic kidney disease Wanchun Xu, The University of Hong Kong	
P202	Polypharmacy, influencing factors, and adverse outcomes in elderly patients with heart failure Jifang Zhou, Xiang Li, Ruijian Huang, China Pharmaceutical University	

Methods	Location: 5 Sassoon Road, G/F
P203	Evaluating comparability using negative control outcomes in osteoporosis Kevin Yi-Chen Liao, National Cheng Kung University
P204	Real-world evidence in drug approval and medical affairs: Integration and industry insights Yu Shi, AstraZeneca
P205	Data transportability as an underutilised method to bridge evidence gaps in Asia Yan Ran Wee, Costello Medical Singapore Pte Ltd
P206	Enhancing RWE reliability: Data source selection in China Wenyan Zhao, AstraZeneca
P207	Methodological considerations of knowledge-based surveys in evaluating effectiveness of risk minimization measures Lynn Zhou, Sanofi

Pregnancy and Lactation Location: 3 Sassoon Road, 1/F	
P300	Comprehensive evaluation of maternal drug exposures and offspring autism: From nationwide database Takanori Yanai, Kyoto University
P301	Safety of early pregnancy use of GLP-1 receptor agonists and SGLT-2 inhibitors Jifang Zhou, Xiang Li, Ruijian Huang, China Pharmaceutical University
P302	Safety of medications prescribed during pregnancy for birth outcomes: An umbrella review Xuanqi Cui, University of Macau
P303	Establishment of algorithms for identifying potential immune-mediated diseases and pregnancy outcomes Yang Feng, Xiamen Chazen Biomedical Technology Co., Ltd
P304	Refining GA estimation in claims-based pregnancy algorithms in Korea Hee-Jin Kim, Ewha Womans University
P305	First-trimester exposure to specified antifungal medications and major congenital malformations in infants Tadaharu Kunitoki, Tohoku University
P306	Insulin glargine for gestational diabetes is associated with macrosomia compared with detemir Yubin Lee, Sungkyunkwan University
P307	Does treating genital herpes infection during pregnancy reduce placenta previa?  Dekun Li, Kaiser Foundation Research Institute

Environm	Environmental Pharmacoepidemiology Location: 3 Sassoon Road, 1	
P308	Impacts of extreme temperature events on intraoperative hypotension: Ruijian Huang, China Pharmaceutical University	A multicenter cohort study
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P314	Nationwide expansion of home dialysis after new policies in 2022 and 2023 Mirai Sakaki, Glocal Innovator & Future Talent Society

Medication Adherence / Pharmacy Practice Location: 3 Sassoon Road, 2/F	
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Health Economics / Health Equity Location: 3 Sassoon Road, 3/F	
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P367	Impact of COVID-19 restrictions on estimating causal effects: Fluoroquinolones and tendon rupture. Angel Wong, London School of Hygiene and Tropical Medicine
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