

Welcome from the Chair



Welcome to 2024 ISPE Annual Conference in Berlin!

I hope you will enjoy the science, social activities, company of our peers, the Estrel Congress Center and the city. The conference also offers an opportunity for SIGs, RIGs, Committees and Councils to review their past activities and plan for the year ahead. I encourage you to actively engage with these wonderful communities.

Don't forget to download and log into the app to incorporate your choices among the 27 courses, over 300 symposia, workshops, oral and lightning presentations and over 1200 posters into your personal schedule.

Thank you for your contributions and participation.

Best regards,

Andrea Margulis

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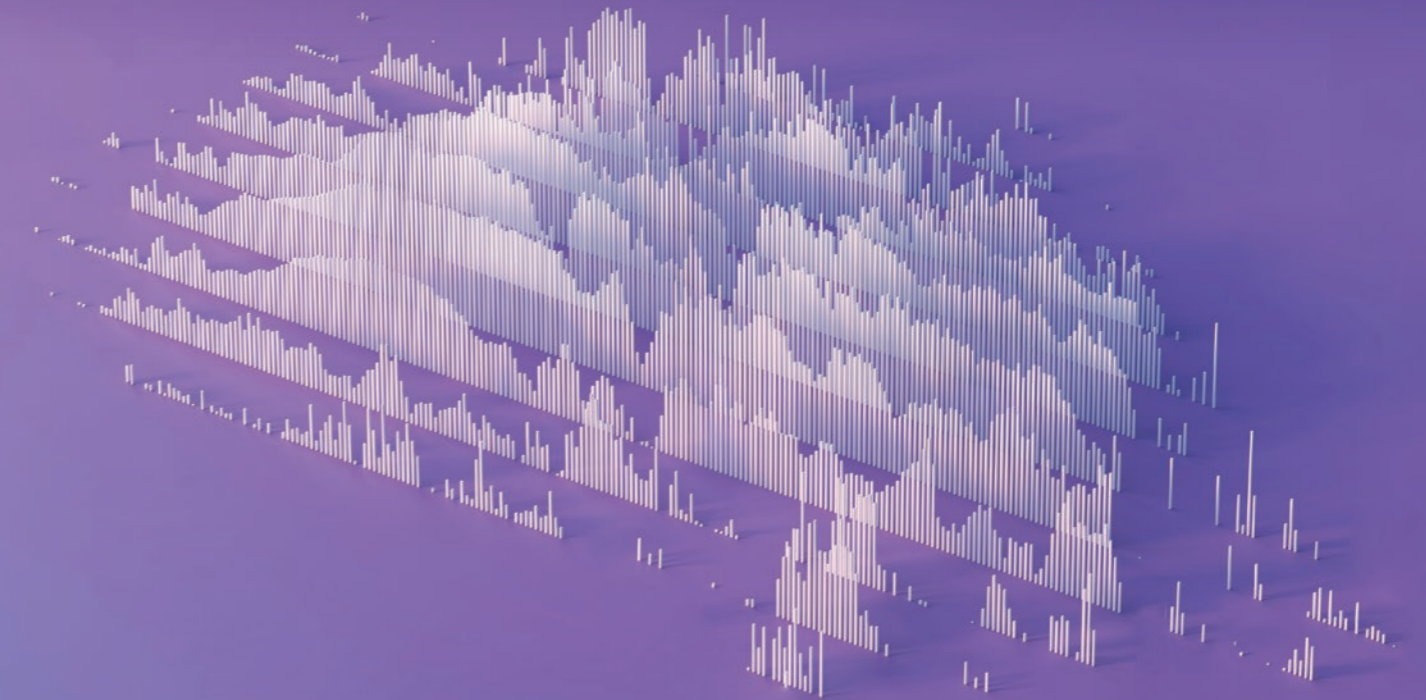
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Chris Tzu-Ting Su

Risk of Out-of-Hospital Cardiac Arrest (Ohca) and Anticholinergic Burden in Taiwan: A Case-Crossover and Case-Case-Time-Control Study

SECOND PLACE

Liang-Yi Lin

Multitrajectories of Polypharmacy Composition Patterns and Their Impacts on Clinical Outcomes Among Older People: A Longitudinal Cohort Study

THIRD PLACE

Hung-Kai Chen

Risk of Pregnancy Loss after Prenatal Exposure to Doxycycline: A Retrospective Cohort Study

HONOURABLE MENTIONS

Dr. Ahlqvist

CO-AUTHORS:

Madley-Dowd Paul
Ly Amanda
Rast Jessica
Lundberg Michael
Jónsson-Bachmann Egill
Berglind Daniel
Rai Dheeraj
Magnusson Cecilia
Lee Brian

Bias Amplification of Unobserved Confounding in Pharmacoepidemiological Studies Using Indication-Based Sampling

Dr. Yang

CO-AUTHORS:

Hernandez-Con Pilar
Shults Justine
Willis Allison W.

Dopamine Agonists and Risk of Lung Cancer in Patients with Restless Legs Syndrome

Dr. Fukuda

CO-AUTHOR:

Narukawa Mamoru
Decision and Timing of Safety-Related Labeling Changes for New Drugs in Japan: Comparison with the United States and the European Union

MOST HIGHLY RATED METHODS ABSTRACT SUBMITTED BY A STUDENT

Michael Chun-Yuan Cheng

Immortal Bias from Different Lengths of Grace Period in a Clone-Censor-Weight Design: A Simulation Study

MOST HIGHLY RATED ABSTRACT SUBMITTED BY A STUDENT IN THE DRUG UTILIZATION RESEARCH CATEGORY

Yu-Chen Wu

The Pharmacotherapy Options for Attention-Deficit Hyperactivity Disorder (ADHD) in Taiwan and the Influencing Factors

Schedule-at-a-Glance

ISPE 2024 | AUGUST 24-28

Schedule-at-a-Glance

ESTREL CONGRESS CENTER | BERLIN, GERMANY

FRIDAY, AUGUST 23

P. 25

7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM
							2 PM - 6 PM Speaker Ready Room – Room VI					
									4 PM - 6 PM Registration Rotunda			

SUNDAY, AUGUST 25

P. 27

7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM
							7:30 AM - 6 PM Speaker Ready Room – Room VI					
							7:30 AM - 6 PM Registration – Rotunda					
							7:30 AM - 6 PM Lactation Room – Backstage I					
							9:00 AM - 12:30 PM PRE-CONFERENCE COURSES Advanced Methods I: Let's GIT It Started: Transparency and Reproducibility Across the RWE Study Lifecycle with HARPER, GIT and the R Programming Language <i>Convention Hall I C</i> Applied Sensitivity Analyses <i>Convention Hall I D</i> New Frontiers for Pharmacoepidemiology: Cutting Edge Approaches to Data Collection and Integration – <i>Room XV</i> Pediatric Pharmacoepidemiology – <i>Room IV</i> Pharmacovigilance and Signal Detection <i>Room II</i> Methods and New Approaches in Pragmatic Trials – <i>Room III</i> Regulatory Pharmacoepidemiology <i>Auditorium</i>					
							12:30 - 2 PM Lunch on Your Own					
							12:45 - 2 PM New Member & Early-Stage Investigator Lunch <i>Europa</i>					
							2:30 - 6 PM PRE-CONFERENCE COURSES Advanced Methods II: Target Trial Emulation for Causal Inference in Practice <i>Convention Hall I C</i> How to Design a Real-World Study of Biologics, Including Biosimilars – <i>Room XV</i> Intermediate Pharmacoepidemiology: Approaches to Unmeasured Confounders <i>Room II</i> Intermediate/Advanced Topics in Vaccine Safety and Effectiveness – <i>Auditorium</i> Epidemiology and RWE of Medical Devices, Diagnostics, and MedTech – <i>Room IV</i> Modern Pregnancy Pharmacoepidemiology: Methodological Challenges and Solutions in Study Design – <i>Conv Hall I D</i> Real-World Evidence (RWE) Generation for Rare Disease Drug Development and Orphan Drug Approvals – <i>Room III</i>					
											6:00 - 7:30 PM Welcome Reception & Academic Showcase <i>Foyer I, II, & III</i>	

SATURDAY, AUGUST 24

P. 25

7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM
							7:30 AM - 6 PM Speaker Ready Room – Room VI					
							7:30 AM - 6 PM Registration – Rotunda					
							7:30 AM - 6 PM Lactation Room – Backstage 1					
							9:00 AM - 12:30 PM PRE-CONFERENCE COURSES Adherence to Medication – <i>Room XV</i> Introduction to Drug Utilization Research <i>Auditorium</i> Principles of Pharmacoepidemiology <i>Convention Hall I D</i> Propensity Scores in Pharmacoepidemiology <i>Convention Hall I C</i> Risk Minimization and Communication: Scientific Approaches and Case Studies for Designing and Evaluating Interventions for the Safe Use of Medicines – <i>Room III</i> The Pharmacoepidemiologist's Toolbox for Professional Empowerment – <i>Room IV</i>					
							12:30 - 2 PM Lunch on Your Own					
							1 - 5 PM ISPE Board of Directors' Meeting – <i>Room V</i>					
							2:30 - 6 PM PRE-CONFERENCE COURSES Advanced Drug Utilization Research <i>Room III</i> An Introduction to Artificial Intelligence for Pharmacoepidemiologists <i>Convention Hall I C</i> Foundations in Casual Inference – <i>Room IV</i> Pharmacoepidemiologic Approaches to Studying Drug-Drug Interactions – <i>Room II</i> Pharmacogenomics, Precision Medicine and Oncology – <i>Room XV</i> Practical Skills in Protocol Writing and Statistical Analytic Programming Relevant to Studies Generating Real-World Evidence (RWE) – <i>Convention Hall I D</i> Using Pharmacoepidemiology Database Resources to Address Drug Safety Research <i>Auditorium</i>					

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Schedule-at-a-Glance

ESTREL CONGRESS CENTER | BERLIN, GERMANY

MONDAY, AUGUST 26

P. 2 9

7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM				
7 AM - 6 PM Speaker Ready Room – Room VI												7 - 8 PM COMMITTEE MEETING Sustainability Room 30312				
7 AM - 6 PM Registration – Rotunda																
7 AM - 6 PM Lactation Room – Backstage I																
7 - 8 AM Coffee with Exhibitors Convention Hall II		8 AM - 6 PM Exhibits/Poster Session A – Convention Hall II			10:30 AM - 12 PM SYMPOSIA & WORKSHOPS Evaluation of Data Quality in Multi-Database Pharmacoeconomic Studies: Current Practices and Future Trends – Auditorium Estimating the Effects of Chronic Medications: Questions to Ask and Tools to Help Answer Them Convention Hall IC Confounding Control in High-Throughput Studies – Principles and Applications – Convention Hall ID Prevalent New User Designs: State of the Science and Considerations for Complex Clinical Scenarios – Room II Methodological Guidance for Real-World Evidence to Assess the Effects of Deprescribing Room III From a Pill to the Planet: Addressing Healthcare Sustainability through Pharmacoeconomic Research – Room IV Applications of Trajectory Methods in Medication Adherence Research: A Decade in Review and a Look Ahead Room XV		12 - 1:30 PM Lunch Convention Hall II		1:30 - 3 PM ORAL PRESENTATIONS The Treatment and Prevention of Pregnancy-Related Infections – Room XV Growing Old Gracefully – Room II Cardiovascular Treatments and Outcomes Auditorium Hey! Please Control Yourself! Convention Hall ID Vaccine Safety Across Ages & Platforms Convention Hall IC Drugs & Alcohol Disorders Room IV EmBRACEing Collaborations for Benefit-Risk Decision Making – Room III		3:30 - 5 PM SYMPOSIA & WORKSHOPS Advancing Drug Safety Signal Management through Multimodal Approaches in Networking Auditorium Specification of Time Zero in Causal Inference Studies Using Real-World Data: Challenges and Solutions Convention Hall IC Avoidable Bias in Real-World Evidence Studies on Treatment Effects: How to Detect and Prevent It Convention Hall ID Addressing RWE Transportability Concerns in Health Care Decision-Making. How to Do It Right? – Room II Natural Language Processing in Pharmacoeconomics: Lessons from the Multi-Source Observational Safety Study for Advanced Information Classification Using NLP (MOSAIC-NLP) Room III Real-World Data-Based External Control for Assessing Long-Term Benefit-Risk of Cell and Gene Therapies: Insights and Perspectives Room IV The Hidden Role of AI in Treatment Selection: Friend or Foe to the Study and Practice of Pharmacoeconomics? Room XV		5:15 - 6:45 PM ORAL PRESENTATIONS Safety of Anti-Infectives – Room IV Optimizing Outcomes for Older Adults – Room II Considerations for Your Cardiovascular Study Design Auditorium Don't Be Biased! Convention Hall ID CV Risk Post-Vaccine Exposure Convention Hall IC Mood Meds Mix: A Balancing Act Room XV Lightning Session 1 Room III		7 - 8 PM SIG MEETINGS Adherence Room 30341 Geriatric Pharmacoeconomics Room 30441 Genomics Room 30541 Medical Devices Room 30310 Sustainability Room 30312 BRACE Room V, 2 nd Floor Cancer Room X, 1 st Floor Databases Room XIV, 2 nd Floor Health Equity & Diversity Room VIII, 1 st Floor RWE Collaborative Auditorium DUR Convention Hall IC MiPaL Convention Hall ID Vaccines Room II Digital Epidemiology Room III DDI Room IV Rare Disease Room XV	
7 - 8 AM Poster Session A Set-Up Convention Hall II					12 - 1:30 PM Sponsored Speaking Sessions Convention Hall II		12 - 1:30 PM COMMITTEE MEETINGS Bylaws and Policies Committee Room V, 2 nd Floor Finance Committee Room IX, 1 st Floor Global Development Committee Room X, 1 st Floor Public Policy Committee Room XIV, 2 nd Floor Open to all attendees; lunch available.		12:15 - 1:15 PM Spotlight Poster Session A Foyer III							
7 - 11 PM Students/Early Career Professionals Meet & Greet – Art Stalker																
												8 - 10 PM PDS Editorial Board Room XII – By invitation.				

Schedule-at-a-Glance

ISPE 2024 | AUGUST 24-28

Schedule-at-a-Glance

ESTREL CONGRESS CENTER | BERLIN, GERMANY

TUESDAY, AUGUST 27

P. 40

WEDNESDAY, AUGUST 28

P. 51

7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM
7 AM - 6 PM Speaker Ready Room – Room VI													7 AM - 3:30 PM Speaker Ready Room – Room VI												
7 AM - 6 PM Registration – Rotunda													7 AM - 4:30 PM Registration – Rotunda												
7 AM - 6 PM Lactation Room – Backstage 1													7 AM - 4:30 PM Lactation Room – Backstage 1												
7 - 8 AM Coffee with Exhibitors Convention Hall II													8 AM - 1:30 PM Exhibits/Poster Session C – Convention Hall II												
7 - 8 AM Poster Session B Set-Up Convention Hall II													7 - 8 AM Coffee with Exhibitors Convention Hall II												
7 - 8 AM RIG MEETINGS ISPE Gulf Room X 1st Floor													8:30 - 10 AM ORAL PRESENTATIONS Real ID: Methods and Validation in Pregnancy – Room XV												
7 - 8 AM SIG MEETING Environmental Pharmacology Room I 1st Floor													10:30 AM - 12 PM SYMPOSIA & WORKSHOPS Risk Minimization Programs for Teratogenic Drugs: How to Move from Art to Science Auditorium												
8 AM - 9:30 AM ORAL PRESENTATIONS Psychotropics and Pregnancy: Timing Matters – Auditorium													12:15 - 1:15 PM Spotlight Poster Session C Foyer III												
8 AM - 9:30 AM ORAL PRESENTATIONS Can We De-Risk the Risk? Drug Exposure in Older Adults Room II													1:30 - 3 PM ORAL PRESENTATIONS Pediatric Pharmacopoei: Drugs and Bugs Among Us! – Room XV												
8 AM - 9:30 AM ORAL PRESENTATIONS Harms of Incretin-Based Therapies for Diabetes Treatment Room III													3:15 - 4:45 PM Hot Topic Session Convention Hall I A/B												
8 AM - 9:30 AM ORAL PRESENTATIONS PS – There are Others Convention Hall I D													4:45 - 5:30 PM The Final Word Conv Hall I A/B												
8 AM - 9:30 AM ORAL PRESENTATIONS Assessing COVID-19 Vaccine Effectiveness Convention Hall I C													5:45 - 6:45 PM 2025 Scientific Program Committee Room I, 1st Floor												
8 AM - 9:30 AM ORAL PRESENTATIONS Opioid Odyssey Room IV													Open to ISPE members.												
8 AM - 9:30 AM ORAL PRESENTATIONS The Evolving Landscape of Drug Safety: Research, Reporting, and Real-World Outcomes Room XV																									
10 - 11:30 AM PLENARY SESSION Convention Hall I A/B																									
11:30 AM - 1 PM Lunch Convention Hall II																									
1 - 2:30 PM ORAL PRESENTATIONS Pregnancy Potpourri Room XV																									
2:40 - 3:50 PM Annual General Members Meeting & Awards Ceremony Convention Hall I A/B																									
4:15 - 5:45 PM SYMPOSIA & WORKSHOPS Methodological Advances in Regulatory Real-World Evidence Generation Systems: Perspectives from Sentinel and DARWIN-EU Auditorium																									
6 - 7 PM COUNCIL MEETINGS Academic Room I, 1st Floor																									
6 - 7 PM COUNCIL MEETINGS Government Room X, 1st Floor																									
6 - 7 PM COUNCIL MEETINGS Industry/Provider Room V, 2nd Floor																									
6 - 7 PM COUNCIL MEETINGS Student Room X, 1st Floor																									
6 - 7 PM COUNCIL MEETINGS Open to all attendees.																									
11:30 AM - 1 PM Sponsored Speaking Sessions Convention Hall II																									
11:30 AM - 1 PM COMMITTEE MEETINGS Education Committee Room I, 1st Floor																									
11:30 AM - 1 PM COMMITTEE MEETINGS History and Archives Committee Room X, 1st Floor																									
11:30 AM - 1 PM COMMITTEE MEETINGS Membership Committee Room V, 2nd Floor																									
11:30 AM - 1 PM COMMITTEE MEETINGS Development Committee Room XI, 1st Floor																									
11:45 AM - 12:45 PM Spotlight Poster Session B Foyer III																									
7 PM													7:30 - 11:30 PM Social Evening at Spindler & Klatt												
8 PM																									
9 PM																									
10 PM																									
11 PM																									

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PRE-CONFERENCE Program Schedule

FRI

F R I D A Y , A U G U S T 2 3

2:00 - 6:00 PM

SPEAKER READY ROOM – ROOM VI

Only required if you need to upload your presentation, or update/replace an already-uploaded presentation. Please complete uploads 24-hours in advance of your session.

4:00 - 6:00 PM

REGISTRATION – ROTUNDA

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If you plan to attend a course on Saturday morning, it is strongly recommended that you register Friday evening to avoid delays.

PRE-CONFERENCE Program Schedule

SAT

S A T U R D A Y , A U G U S T 2 4

7:30 AM - 6:00 PM

SPEAKER READY ROOM – ROOM VI

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7:30 AM - 6:00 PM

REGISTRATION – ROTUNDA

Lanyard sponsored by GENESIS RESEARCH

7:30 AM - 6:00 PM

LACTATION ROOM – BACKSTAGE 1

Sponsored by EPI Excellence, LLC

9:00 AM - 12:30 PM

EDUCATIONAL SESSIONS

HALF-DAY MORNING COURSES

Prepurchase required.

Adherence to Medication – Room XV

Jacqueline G. Hugtenburg | Julie C. Lauffenburger, PharmD, PhD

Introduction to Drug Utilization Research – Auditorium

Petra Denig, FISPE | Lotte Rasmussen | Gillian E. Caughey
Lisa G. Pont | Indre Treciokiene | Björn Wettermark

Principles of Pharmacoepidemiology

Convention Hall 1D

Tobias Gerhard | Daniela C. Moga, FISPE | Tania Schink

Propensity Scores in Pharmacoepidemiology

Convention Hall 1C

John D. Seeger, FISPE | Jeremy A. Rassen, FISPE

Risk Minimization and Communication: Scientific Approaches and Case Studies for Designing and Evaluating Interventions for the Safe Use of Medicines – Room III

Priya Bahri | Meredith Y. Smith, FISPE | Peter G.M. Mol
Elaine H. Morrato, FISPE | Amir Sarayani | Tania Schink

The Pharmacoepidemiologist's Toolbox for Professional Empowerment – Room IV

Caitlin Knox, FISPE | Hope Mueller | Vin Lo Re, III | Lisa G. Pont
Mary E. Ritchey, FISPE | Robert W. Platt
Juan M. Hincapie-Castillo

PRE-CONFERENCE Program Schedule

12:30 - 2:30 PM

LUNCH ON YOUR OWN

1:00 - 5:00 PM

ISPE BOARD OF DIRECTORS' MEETING – ROOM V

2:30 - 6:00 PM

EDUCATIONAL SESSIONS

HALF-DAY AFTERNOON COURSES

Prepurchase required.

Advanced Drug Utilization Research – Room IV

Petra Denig, FISPE | Lotte Rasmussen | Katja Taxis

Mina Tadrus | Gillian E. Caughey

**An Introduction to Artificial Intelligence for
Pharmacoepidemiologists – Convention Hall I C**

Harriet Dickinson | Victoria Strauss

Joseph W. Zabinski | Kathryn Rough

Foundations in Casual Inference – Room III

Geetha Iyer | Joshua J. Gagne, FISPE

**Pharmacoepidemiologic Approaches to Studying
Drug-Drug Interactions – Room II**

Katsiaryna Bykov | Todd A. Miano | Antonios Douros

**Pharmacogenomics, Precision Medicine
and Oncology – Room XV**

Amalia M. Issa, FISPE | Gillian Bartlett-Esquillant, FISPE

Geoffrey Liu

**Practical Skills in Protocol Writing and Statistical
Analytic Programming Relevant to Studies
Generating Real-World Evidence (RWE)
Convention Hall I D**

Natasha Pratt | Christian Hampp | Jessica J. Jalbert
Mingfeng Zhang | Nicole L. Pratt, FISPE | Soko Setoguchi

**Using Pharmacoepidemiology Database Resources
to Address Drug Safety Research – Auditorium**

Kelvin Haynes | Rosa Gini | Matthew W. Reynolds, FISPE

Daniel C. Beachler | Sudha R. R. Raman



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PRE-CONFERENCE Program Schedule

SUNDAY, AUGUST 25

7:30 AM - 6:00 PM

SPEAKER READY ROOM – ROOM VI

Please arrive 24 hours before your presentation start time to upload or check your presentation.

7:30 AM - 6:00 PM

REGISTRATION – ROTUNDA

Lanyard sponsored by GENESIS RESEARCH

7:30 AM - 6:00 PM

LACTATION ROOM – BACKSTAGE I

Sponsored by EPI Excellence, LLC

9:00 AM - 12:30 PM

EDUCATIONAL SESSIONS

HALF-DAY MORNING COURSES

Prepurchase required.

**Advanced Methods I – Let's GIT It Started:
Transparency and Reproducibility Across the
RWE Study Lifecycle with HARPER, GIT and the
R Programming Language – Convention Hall I C**

Janick Weberpals | Anna Schultze

John R. Tazare | Shirley V. Wang

Applied Sensitivity Analyses – Convention Hall I D

Sebastian Schneeweiss | Jeremy A. Rassen, FISPE

Richard Wyss | Elizabeth M. Garry

**New Frontiers for Pharmacoepidemiology:
Cutting Edge Approaches to Data Collection
and Integration – Room XV**

Nancy A. Dreyer, FISPE | Mackenzie Herzog

William G. Dixon | Kristen A. Hagn

Pediatric Pharmacoepidemiology – Room IV

Jenny Sun | Daniel B. Horton

Mehmet Burcu | Jonathan L. Slaughter

Pharmacovigilance and Signal Detection – Room II

Judith C. Maro | Monica A. Muñoz

G. Niklas Norén | Jens-Ulrich Stegmann

**Methods and New Approaches in
Pragmatic Trials – Room III**

Priscilla Velentgas | Cynthia J. Girman, FISPE | Anne Trontell

Regulatory Pharmacoepidemiology – Auditorium

Danica Marinac-Dabic | Katherine Donegan

12:30 - 2:00 PM

LUNCH ON YOUR OWN

12:45 - 2:00 PM

**NEW MEMBER & EARLY-STAGE
INVESTIGATOR LUNCH – EUROPA**

By invitation only; registration required.

2:30 - 6:00 PM

EDUCATIONAL SESSIONS

HALF-DAY AFTERNOON COURSES

Prepurchase required.

**Advanced Methods II: Target Trial Emulation for
Causal Inference in Practice – Convention Hall I C**

Vanessa Didelez | Malte Braitmaier | Jost Viebrock

**How to Design a Real-World Study of Biologics,
Including Biosimilars – Room XV**

Jaclyn L. Bosco, FISPE | Rohini K. Hernandez

Thijs J. Giezen | Ylenia Ingrassciotta

**Intermediate Pharmacoepidemiology:
Approaches to Unmeasured Confounders – Room II**

Michelle Jonsson Funk, FISPE | Sudha R. R. Raman

Mugdha Gokhale | Til Stürmer | Jessica C. Young

**Intermediate/Advanced Topics in Vaccine Safety
and Effectiveness – Auditorium**

Jennifer Gerber | Henok Tadesse Ayele | Kaatje Bollaerts

Robert T. Chen, FISPE | Priyadarshani Dharia

Hector S. Izurieta | Katherine E. Mues

**Epidemiology and RWE of Medical Devices,
Diagnostics, and MedTech – Room IV**

Mary E. Ritchey, FISPE | Paul Coplan | Mackenzie Herzog

Stephen S. Johnston | David Maislin | Lisa Weiss

**Modern Pregnancy Pharmacoepidemiology:
Methodological Challenges and Solutions in
Study Design – Convention Hall I D**

Andrea V. Margulis, FISPE | Brian T. Bateman

Sonia Hernandez-Diaz | Krista F. Huybrechts | Leyla Sahin

**Real-World Evidence (RWE) Generation for
Rare Disease Drug Development and Orphan
Drug Approvals – Room III**

Emily W. Bratton | Daniel Rosenberg

Xabier Garcia de Albeniz Martinez | Jie J. Li

PRE-CONFERENCE Program Schedule

6:00 - 7:30 PM

WELCOME RECEPTION FOYER I & IV

Sponsored by Flatiron

Lisa Point, FISPE
ISPE President

Andrea V. Margulis, FISPE, Chair
ISPE 2024 Scientific Program Committee

ACADEMIC SHOWCASE

ISPE Archives & History Committee

ISPE Membership Committee

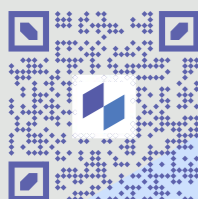
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ISPE Latin America Regional Interest Group

Drug Safety Research Unit,
Pharmacovigilance MSc/ PgD/ PgC
Harvard Medical School & School of Public Health
Center for Drug Safety & Effectiveness
Department of Epidemiology,
Johns Hopkins School of Public Health
Electronic Health Record (EHR) Research Group
London School of Hygiene & Tropical Medicine
University of Florida
Department of Pharmaceutical Outcomes & Policy
University of Massachusetts Chan Medical School
University of North Carolina
Department of Epidemiology,
Pharmacoepidemiology Program



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MAIN CONFERENCE Program Schedule

M O N D A Y , A U G U S T 2 6

7:00 AM - 6:00 PM

SPEAKER READY ROOM – ROOM VI

Only required if you need to upload your presentation, or update/replace an already-uploaded presentation. Please complete uploads 24-hours in advance of your session.

7:00 AM - 6:00 PM

REGISTRATION – ROTUNDA

Lanyard sponsored by GENESIS RESEARCH

7:30 AM - 6:00 PM

LACTATION ROOM – BACKSTAGE I

Sponsored by EPI Excellence, LLC

7:00 - 8:00 AM

COFFEE WITH EXHIBITORS – CONV HALL II

7:00 - 8:00 AM

POSTER SESSION A SET-UP – CONV HALL II

8:00 AM - 6:00 PM

EXHIBITS/POSTER SESSION A – CONV HALL II

8:00 - 8:15 AM

WELCOME & KEYNOTE SESSION

CONVENTION HALL I, SECTION A/B

Lisa Point, FISPE
ISPE President

Andrea V. Margulis, FISPE, Chair
ISPE 2024 Scientific Program Committee

8:15 - 10:00 AM

PLENARY SESSION

The Future of Pharmacoepidemiology

Convention Hall I, Section A/B

This session will educate and inspire conference delegates about how current technology, already within reach, can be used to advance pharmacoepidemiology. The plenary session will start with a broad overview of how technology might power pharmacoepidemiology, before moving onto the specific topics about the collection of person-generated health data (PGHD) via smartphones and wearables, and the use of artificial intelligence to analyze big, multimodal data. Each of these topics will include a high-profile external speaker to showcase what is happening beyond our community and a speaker from the ISPE community focusing on past, current, and future applications in pharmacoepidemiology. This will ensure delegates understand how external developments might be applied to the work we do in our field.

KEYNOTE SPEAKERS

William G. Dixon, MD, PhD, University of Manchester

PANELISTS

Kathryn Rough, ScD, ScM
IQVIA

Pail Strijbos
Neurotechnology Innovation, F. Hoffman-La Roche

Martin Seneviratne
Clinical Informatics

MODERATOR

Nancy A. Dreyer, PhD, MPH, FISPE
Strategies LLC

Daniel A. Caños, PhD, MPH
FDA Center for Devices and Radiological Health

9:45 - 10 AM

Dr. Karl Lauterbach the German Minister of Health: Opportunities for Pharmacoepidemiology and the new healthcare data access law in Germany
Convention Hall I, Section A/B

10:00 - 10:30 AM

MORNING BREAK – CONVENTION HALL II

10:30 AM - 12:00 PM

CONCURRENT SESSIONS SYMPOSIA & WORKSHOPS

Evaluation of Data Quality in Multi-Database Pharmacoepidemiologic Studies: Current Practices and Future Trends – Auditorium

Shahab Abtahi | Rosa Gini | Miriam C.J.M. Sturkenboom
Vjola Hoxhaj | Daniel R. Morales | Donna R. Rivera
Kenneth K.C. Man | Jeffrey Brown | Olaf H. Klungel
Judith Riera-Arnau | Constanza L. L. Andaur Navarro
Anton Pottegård | Robert W. Platt

Estimating the Effects of Chronic Medications: Questions to Ask and Tools to Help Answer Them
Convention Hall I C

Michele Jonsson Funk, FISPE | Taylor G. Estep
Andrew W.J. Toler

Confounding Control in High-Throughput Studies – Principles and Applications – Convention Hall I D

Almut G. Winterstein, FISPE | Judith C. Maro | Justin Bohn
Todd A. Milano | Rishi J. Desai | Joshua J. Gagne, FISPE

Prevalent New User Designs:

State of the Science and Considerations for Complex Clinical Scenarios – *Room II*

Kristian B. Filion | Michael Andrew Webster-Clark
John R. Tazare | Andrea Michelle Burden | Nicole L. Pratt, FISPE

Methodological Guidance for Real-World Evidence to Assess the Effects of Deprescribing – *Room III*

Kaley N. Hayes | Joshua David Niznik | Daniela C. Moga, FISPE
Matthew L. Maciejewski | Frank Moriarty
Clare M. Johnson-Applin

From a Pill to the Planet: Addressing Healthcare Sustainability through Pharmacoepidemiologic Research – *Room IV*

Johanna Villén | Björn Wettermark | Katja Taxis | Gerd Maack
Elisabetta Poluzzi | Soko Setoguchi

Applications of Trajectory Methods in Medication Adherence Research: A Decade in Review and a Look Ahead – *Room XV*

Julie C. Lauffenburger | Jessica M. Franklin | Cécile Payet
Marissa J. Seamans | Chao Cai | Ellen (Feng-Hua) Loh

12:00 - 1:30 PM

LUNCH – CONVENTION HALL II

SPONSORED SPEAKING SESSIONS

CONVENTION HALL II

12:00 - 12:30 PM: OM1

Noise vs. Value: Novel Approaches to Addressing Data Gaps in Real-World Data Sources

Joseph Zabinski, PhD, MEM
VP, Head of Commercial Strategy & AI at OM1

12:30 - 1:30 PM: FLATIRON

Are You Ready for the Future? How Game-Changing Technology Can Unlock the Next Generation of RWE

Blythe Adamson, PhD, MPH
Head, Outcomes Research & Evidence Generation, International

Aaron Kamau, MD MS MPH, CEO, Co-Founder, Navidence

Eric Meadows, PhD, Director, Scientific Engagement

Harriet Dickinson, PhD, RWE Director, Gilead

12:00 - 1:30 PM

POSTER SESSION A

CONVENTION HALL II

12:00 - 1:30 PM

ISPE COMMITTEE MEETINGS

Open to all attendees; lunch available.

Bylaws and Policies Committee – *Room V, 2nd Floor*

Finance Committee – *Room IX, 1st Floor*

Global Development Committee – *Room X, 1st Floor*

Public Policy Committee – *Room XIV, 2nd Floor*

12:00 - 1:30 PM

ISPE SPECIAL INTEREST GROUP MEETINGS

Cell & Gene Therapy – *Room VIII, 1st Floor*

12:15 - 1:15 PM

SPOTLIGHT POSTER SESSION A

FOYER III

Databases

Digital Epidemiology

Drug Utilization Research

Drug-Drug Interaction

Environmental Pharmacoepidemiology

Geriatrics

1:30 - 3:00 PM

CONCURRENT SESSIONS

ORAL PRESENTATIONS

The Treatment and Prevention of Pregnancy-Related Infections – *Room XV*

MODERATORS: Hedvig Nordeng | Kari Furu

1:30 PM

First-Trimester Antibiotic Treatments for Urinary Tract Infections and Risk of Congenital Malformations

Yanmin Zhu | Kelly Fung | Brian T. Bateman
Sonia Hernandez-Diaz | Chih-Wan Grace | Kathryn J. Gray
Malavika Prabhu | Andrea Ciaranello | Laura Riley | Helen Mogun
Elyse C. DiCesare | Guari Bhatkhande | Krista F. Huybrechts

1:45 PM

Risk of Pregnancy Loss after Prenatal Exposure to Doxycycline: A Retrospective Cohort Study – *Room XV*

Hung-Kai Chen | Thuy N. Thai | Nicole E. E. Smolinski
Yanning Wang | Celeste L.Y. Ewig | Matthew R. Muschett
Priyanka J. Kulkarni | Wen Wen | Suzanne Gilboa
Dana Meaney Delman | Sonja A. Rasmussen
Almut G. Winterstein, FISPE

2:00 PM

Association Between Macrolide Exposure in Early Pregnancy and Major Congenital Malformations: A Large French Population-Based Study During 2010-20 Period – *Room XV*

Anh TRAN | Mahmoud Zureik | Jeanne Sibiude | Sara Miranda
Jérôme Drouin | Lise Marty | Alain Weill | Rosemary Dray-Spira
Xavier Duval | Sara Tubiana

2:15 PM

Use of HIV Medication During Pregnancy in Germany
Room XV

Nadine Wentzell | Bianca Kollhorst | Tania Schink

2:30 PM

Postpartum COVID-19 Vaccination and Risk of Lactational Mastitis – *Room XV*

Jingran Cao | Kimberly K. Vesco | Yihe G. Daida
Gabriela Vazquez-Benitez | Malini B. DeSilva | Elisabeth M. Seburg
Kirsten Ehresmann | Elyse O. Kharbanda | Abbey Sidebottom
Heather S. Lipkind | Kristin Palmsten

2:45 PM

Maternal and Infant Outcomes Following Exposure to SPIKEVAX During Pregnancy: An Observational Database Study – *Room XV*

Geetika Kalloo | Maria Guzman | Christopher L. Crowe
Stephan Lanes | Bahar C. Coley | David Martin | Lei Zhu
Priyadarshani Dharia | Daina B. Esposito

Growing Old Gracefully – *Room II*

MODERATORS: Frank Mortiarly | Chioma S. Ejekam

1:30 PM

Characteristics, Trajectories, and Medication Use of Patients in Temporary Stays in Denmark

Hanin Harbi | Carina Lundby | Peter Bjødstrup Jensen
Søren Post Larsen | Linda Grouleff Rørbæk
Lene Vestergaard Ravn-Nielsen | Jesper Ryg
Kasper Edwards | Anton Pottegård

1:45 PM

Using Multiple Medications with Similar Adverse Drug Reactions Can Increase the Likelihood of a Prescribing Cascade: Results from a Cohort Study

Atiya Mohammad | Jacqueline G. Hugtenburg |
Patricia M.L.A. van den Bemt | Petra Denig, FISPE
Fatma Karapinar-Carkit

2:00 PM

Comparative Risks of Fractures and Mortality in Patients with Osteoarthritis initiating Tramadol Versus Other Opioids

Sushama Kattinakere Sreedhara | Nazleen F. Khan | Jeffrey Katz
Su Been Lee | Krista Huybrechts | Katsiaryna Bykov

2:15 PM

Risk of Osteoporotic Fractures in Menopausal Women with Common Mental Health Diagnoses Prescribed SSRI/SNRI Antidepressants: A Self-controlled Case Series

Dana Alsugeir | Li Wei | Ruth Brauer

2:30 PM

Prescribing Preferences for Antidiabetic Medications Among Older Type 2 Diabetes (T2D) Patients with Alzheimer's Disease (ADRD) and Multimorbidity, 2013-2019

Julia Liaw | Kim M. O'Malley | Chintan Dave

2:45 PM

Patterns of Symptomatic Therapies Utilized in Alzheimer's Disease and Related Dementias

Huiwen Deng | Todd A. Lee | Charles E. Gaber | Kibum Kim
Stephanie Y. Crawford | Elizabeth A. Bayliss | Sonal Singh Jessica
Gerald Young | Derran Toh | Xiaojuan Li

Cardiovascular Treatments and Outcomes

Auditorium

MODERATORS: Jonathan L. Slaughter | Prithpal Singh Matreja

1:30 PM

Emulating a Target Trial to Avoid Immortal Time-Bias in the Estimation of PCSK9 Inhibitor Effects Post Myocardial Infarction: Methodological Opportunities and Challenges

Thomas Cars | Stefan Gustafsson | Queenie Chan
Nafessa Dhalwani | Shia T. Kent | Johan Sundstrom
Emil Hagstrom | M. Alan Brookhart

1:45 PM

Association between Denosumab and Risk of Cardiovascular Events in Patient with Osteoporosis: A Target Trial Emulation Study with Clone-Censor-Weight Approach – *Convention Hall I A/B*

Albert Tzu-Ming Chuang | Huei-Kai Huang | Peter Ping-Sung Liu
Tzu-Chi Liao | Shih-Chieh Shao | Edward Chia-Cheng Lai

2:00 PM

Assessing Treatment Effectiveness When No Appropriate Comparator Exists: Low-Density Lipoprotein Cholesterol Lowering Therapy (LLT) for the Prevention of Aortic Stenosis (AS) as a Case Example

Dana J. Murdock | Li Wang | Robert Sanchez
Caitlin Knox, FISPE | Kusha Mohammadi | Gregory P. Geba
Sergio Fazio | Jessica J. Jalbert

2:15 PM

Emulating a Target Trial for Assessing the Comparative Effectiveness of a Newly Marketed Medication: The Example of Angiotensin-Nepriylsin Inhibitor in Patients with Heart Failure

Géric Maura | Pierre-Olivier Blotière
Edouard L. Fu | Juan J. Carrero

MAIN CONFERENCE

Program Schedule

2:30 PM

Skin Cancer Risk Associated with Statin Treatment: A Target Trial Emulation Study
Ping Sheng Chou | Avery Shuei-He Yang
Edward Chia-Cheng Lai

2:45 PM

Risk of Cardiovascular Events, Malignancy, and Serious Infection Associated with JAK inhibitors and TNF Inhibitors in Rheumatoid Arthritis or Ulcerative Colitis: A Nationwide Cohort Study
Yongtai Cho | Dongwon Yoon | Farzin Khosrow-Khavar
Minkyong Song | Ju Hwan Kim | Ju-Young Shin

Hey! Please Control Yourself! – Convention Hall 1 D

MODERATORS: Sophie H. Bots | Edward Chia-Cheng Lai

1:30 PM

Applying the Self-Controlled Case Series to Analyse Safety Endpoints in Single-Arm, Open Label Extension Studies: A Case Study of Belimumab for the Treatment of Systemic Lupus Erythematosus and Risk of Infection
Anna Schultze | Marianne Cunningham | Marianne Cunningham
Stephen Evans | Ian Douglas

1:45 PM

A Scalable Approach to Assess the Safety of Novel Systemic Treatments for Atopic Dermatitis in Clinical Practice: First Analysis Cycle of the ADVANCES Sequential Monitoring System
Maria C. Schneeweis | Robert J. Glynn | Priyanka Anand
Yinzhu Jin | Arash Mostaghimi | Joseph Merola
Jonathan Silverberg | David Rosmarin | Robert Sidbury
Sebastian Schneeweis

2:00 PM

The Extent and Magnitude of Bias in Case-Crossover Studies of Real-World Non-Transient Medications Patterns: A Simulation Study with Real-World Examples
Hsiao-Ching Huang | Mina Tadrous | Saria Awadalla
Daniel R. Touchette | Glen T. Schumock | Todd A. Lee

2:15 PM

Performance of the Self-Controlled Case Series with Active Comparators for Signal Detection in the Clinical Practice Research Datalink (CPRD): A Case Study on Antibiotics
Astrid Coste | Angel Wong | François Haguinet
Andrea Bate | Ian Douglas

2:30 PM

Screening of Drug-Related Adverse Events by Sequence Symmetry Analysis with Spline-Based Self-Controlled Case-Series Design for Dose-Response Relationship: A Proof of Concept Study
Motohiko Adomi | Kazuaki Uda | Ryota Inokuchi
Nanako Tamiya | Masao Iwagami

2:45 PM

Quantifying Problematic Prescribing Cascades Relevant for Clinical Practice with Prescription Sequence Symmetry Analysis
Atiya Mohammad | Petra Denig, FISPE | Jacqueline G. Hugtenburg | Patricia M.L.A. van den Bemt | Fatma Karapinar-Carkit

Vaccine Safety Across Ages and Platforms Convention Hall 1 C

MODERATORS: Catherine Cohet | Amie Goodin

1:30 PM

Comparing Safety and Effectiveness of Pfizer BA.4-5 and Sanofi bivalent COVID-19 Vaccines Used in the Spring 2023 Booster Programme in England: A Target Trial Emulation Study Using the OpenSAFELY Platform
William Hulme | Colm Andrews | Em Prestige | Edward Parker
Venexia M. Walker | Christopher Wood | Becky Smith
Ansrea Schaffer | Alex Walker | Helen Curtis | Brian MacKenna
Amir Mehrkar | Ben Goldacre | Miguel A. Hernán
Jonathan Sterne

1:45 PM

Influence of mRNA COVID-19 Vaccine Dosing Interval on the Risk of Myocarditis
Stéphane Le Vu | Marion Bertrand | Laura Semenzato
Marie-Joelle Jabagi | Jérémie Botton | Jérôme Drouin
Alain Weill | Rosemary Dray-Spira | Mahmoud Zureik

2:00 PM

Risk of Facial Palsy Following COVID-19 Vaccination: A Nationwide Large-Linked Database Study
Dongwon Yoon | Kyungyeon Jung | Ju Hwan Kim | Hwa Yeon Ko
Byeol-A Yoon | Ju-Young Shin

2:15 PM

Evaluation of Febrile Seizure Risk Following Ancestral Monovalent COVID-19 mRNA Vaccination Among U.S. Children Aged 2-5 Years
Richard A. Forshee | Elizabeth R. Smith | Zhiruo Wan
Kandace L. Amend | Alex Secora | Djeneba Audrey Djibo
Kamran Kazemi | Jennifer Song | Lauren E. Parlett
Jonathan Deshazo | John D. Seeger | Nandini Selvam
Cheryl N. McMahill-Walraven | Mao I. Hu | Yoganand Chillarige
Steven A. Anderson

2:30 PM

Assessment of Potential Adverse Events Following the 2022-2023 Seasonal Influenza Vaccines Among U.S. Adults Aged 65 Years and Older
Xiangyu (Chianti) Shi | Joann F. Gruber | Michelle Ondari
Patricia C. Lloyd | Pablo Freyria Duenas | Tainya C. Clarke
Gita Nadimpalli | Sylvia Cho | Laurie Feinberg | Mai I. Hu
Yoganand Chillarige | Jeffrey A. Kelman | Richard A. Forshee
Steven A. Anderson | Azadeh Shoaibi

MAIN CONFERENCE

Program Schedule

2:45 PM

Rotavirus Vaccine Safety Surveillance Using a Tree-Temporal Scan Statistic Signal-Detection Method
Na-Young Jeong | Haerin Cho | Hee-Jin Kim | Nam-Kyong Choi

Drugs and Alcohol Disorders – Room IV

MODERATORS: Ursula Kirchmayer | Janet K. Sluggett

1:30 PM

Trends in Fentanyl Containing Drug Seizures and Fentanyl Related Deaths Across Canada Between 2020 and 2023
Ria Garg | Shaleesa Ledlie | Pamela Leece | Tara Gomes

1:45 PM

Recreational and Medical Cannabis Legalization and Opioid Prescriptions and Mortality
Hai V. Nguyen | Emma E. McGinty | Shweta Mital
G. Caleb Alexander

2:00 PM

Longitudinal Treatment Pathways Following Opioid Use Disorder Diagnosis Among Commercially-Insured Beneficiaries in the U.S.
John G. Rizk | Uzma Pathan | Jannat Saini | Bethany DiPaula
Megan Ehret | Abree Johnson | Danya M. Qato

2:15 PM

Real-World Utilization Patterns of Medications for Opioid Use Disorder Among Medicaid-Insured Adults
Katelin B. Nickel | Payel Jhoom | Michael J. Durkin | Ryan Colvin
Andrew Atkinson | Katie Suda | Anne M. Butler

2:30 PM

Antipsychotic Abuse and Dependence: A 10-Year Review of Reports to the European Pharmacovigilance System
João Paulo Fernandes | Pedro Benjamim | Márcia Silva
Bruno Sepodes | Carla Tore

2:45 PM

Receipt of Glucagon-Like Peptide 1 Receptor Agonists is Associated with Reduced Alcohol Consumption: A Retrospective Propensity Score-Matched Cohort Study
Mehdi Farokhnia | John R. Tazare | Joshua Gray | Vin Lo Re, III
David Fiellin | Henry Kranzler | Amy C. Justice | Lorenzo Leggio
Christopher T. Rentsch, FISPE

EmBRACEing Collaborations for Benefit-Risk Decision Making – Room III

MODERATORS: Priya Bahri | Caitlin Knox, FISPE

1:30 PM

Use of Hydrochlorothiazide in the United States Following Label Update About Skin Cancer Risk
Cheng Chen | Efe Eworuke | Ashish Rai | Laura Hou
Jenise S. Ko | Mary Ross Southworth | José J. Hernández-Muñoz
Mingfeng Zhang

1:45 PM

The Teratogenic Risk Impact and Mitigation (TRIM) Tool: Development of Explicit Criteria for Teratogenicity Risk Mitigation Programs
Celeste L.Y. Ewig | Yanning Wang | Nicole E. E. Smolinski
Gita A. Toyserkani | Cynthia LaCivita | Leila Lackey
Sara Eggers | Thuy N. Thai | Judith C. Maro | Sonja A. Rasmussen
Almut G. Winterstein, FISPE

2:00 PM

Risk of Prenatal Exposure to Teratogenic Medications: Development of Evidence for the Teratogenic Risk Impact and Mitigation (TRIM) Tool
Yanning Wang | Celeste LY Ewig | Yanning Wang
Nicole E. E. Smolinski | Gita A. Toyserkani | Cynthia LaCivita
Esther H. Zhou | Thuy N. Thai | Judith C. Maro
Sonja A. Rasmussen | Almut G. Winterstein, FISPE

2:15 PM

The Teratogenic Risk Impact and Mitigation (TRIM) Tool: Development of Scoring Weights to Prioritize Medications for Risk Management Beyond Labelling
Judith C. Maro | Celeste LY Ewig | Yanning Wang
Nicole E. E. Smolinski | Gita A. Toyserkani | Cynthia LaCivita
Leila Lackey | Sara Eggers | Esther H. Zhou | Thuy N. Thai
Sonja A. Rasmussen | Almut G. Winterstein, FISPE

2:30 PM

The Nature of Uncertainties on the Benefit-Risk Balance of Anticancer Medicines at Initial Marketing Authorisation in the European Union
Anne Taams | Carla Herberts | Toine Egberts
Francesco Pignatti | Nikolaos Zafiroopoulos

2:45 PM

Impact of Risk Evaluation and Mitigation Strategies on Teratogenic Medications Among Publicly and Privately Insured Reproductive-Age Women
Yanmin Zhu | Priyanka Anand | Ameet Sarpatwari
Sonia Hernandez-Diaz | Katsiaryna Bykov | Mufaddal Mahesri
Elyse C. DiCesare | Heidi Zakoul | Seanna Vine | Helen Mogun
Gita A. Toyserkani | Cynthia LaCivita | Esther H. Zhou
Claudia B. Manzo | Gerald J. Dal Pan | Krista F. Huybrechts

3:00 - 3:30 PM

BREAK / POSTERS / EXHIBITS
CONVENTION HALL II

3:00 - 4:00 PM

2024 ISPE FUNDED MANUSCRIPT PROGRAM COMMITTEE
ROOM X, 1ST FLOOR

3:30 - 5:00 PM

CONCURRENT SESSIONS
SYMPOSIA & WORKSHOPS

Advancing Drug Safety Signal Management Through Multimodal Approaches in Networking – Auditorium

Miyuki Hsing-Chun Hsieh | Darmendra Ramcharran
Judith C. Maro | Oskar Gauffin | Ju-Young Shin
Anton Pottegård | Shih-Chieh Sharo | Weny Huang
Edward Chia-Cheng Lai

Specification of Time Zero in Causal Inference Studies Using Real-World Data: Challenges and Solutions – Convention Hall I C

Xabier Garcia de Albeniz Martinez | Jaume Aguado
Ellen Caniglia | Sonia Hernandez-Diaz | Camille Maringe
Jonathan Sterne

Avoidable Bias in Real-World Evidence Studies on Treatment Effects: How to Detect and Prevent It – Convention Hall I D

Kasiaryna Bykov | Elisabetta Patorno | Jessica M. Franklin
Edouard L. Fu | Samy Suissa

Addressing RWE Transportability Concerns in Health Care Decision-Making. How to Do It Right? – Room II

Evie Merinopoulou | Alind Gupta | Alessandria Strübing
Blythe Adamson | Stephen Duffield

Natural Language Processing in Pharmacoepidemiology: Lessons from the Multi-Source Observational Safety Study for Advanced Information Classification Using NLP (MOAIC-NLP) – Room III

Dena Jaffe | Elise Berliner | Rishi J. Desai | Sarah K. Dutcher

Real-World Data-Based External Control for Assessing Long-Term Benefit-Risk of Cell and Gene Therapies: Insights and Perspectives – Room IV

Katie Miller | Seun Osundolire | Reid D'Amico | Lourens T. Bloem
Karla Therese L. Sy | Hannah V. Furby | Carla Y. Vossen
Avery McIntosh | Kate Huang | Erwan Muros-Le Rouzic

The Hidden Role of AI in Treatment Selection: Friend or Foe to the Study and Practice of Pharmacoepidemiology? – Room XV

Harriet Dickinson | Enriqueta Vallejo-Yagüe | Katoo Muelle
Juan M. Hincapie-Castillo | Danica Marinac-Dabic

5:00 - 5:15 PM

BREAK

5:15 - 6:45 PM

CONCURRENT SESSIONS
ORAL PRESENTATIONS

Safety of Anti-Infectives – Room IV

MODERATORS: Anne M. Butler | Anton Pottergard

5:15 PM

30-Day Risk of Digoxin Toxicity Among Older Adults Co-Prescribed Trimethoprim-Sulfamethoxazole Versus Amoxicillin: A Population-Based Cohort Study
Flory Tsobo Muanda | Fatemeh Ahmandi | Amit Garg

5:30 PM

Risk of Aortic Aneurysm or Dissection Following Exposure to Systemic Fluoroquinolone Antibiotics – A Large-Scale Distributed Network Analysis
Nicole L. Pratt, FISPE | Jack Janetski
Jung Ho Kim | Seng Chan You

5:45 PM

Identification of Patient Groups at High Risk of Fluoroquinolone-Associated Potentially Life-Threatening Adverse Events in German Routine Care: A Population-Based Cohort Study
Julia Wicherski | Jonas Peltner | Cornelia Becker
Katrin Schüssel | Gabriela Brückner | Andreas Schlotmann
Helmut Schröder | Winfried Kern | Birgitta Weltermann
Britta Haenisch

6:00 PM

Association of Fluoroquinolones with the Risk of Spontaneous Pneumothorax
Anne Bénard-Larivière | Elodie Pambrun | Serge Kouzan
Jean-Luc Faillie | Jullien Bezin | Antoine Periente

6:15 PM

Vancomycin-Induced Acute Kidney Injury in Critically Ill Adult Patients: A Multicenter Target Trial Emulation Study
Joanna E. Klopotoska | Izak A.R. Yasrebi-de Kom | Kitty J. Jager
Vianda S. Stel | Nocholas C. Chesnaye | Ameen Abu-Hanna
Nicolette F. de Keizer | Dave A. Dongelmans | Giovanni Cinà

6:30 PM

Acute Cardiovascular, Neurological and Metabolic Adverse Events Associated with the Use of Nirmatrelvir/Ritonavir or Molnupiravir for COVID-19 Infection: A Nationwide Cohort Study in South Korea
Ju Hwan Kim | Ahhyung Choi | Gihwan Bae
Jaehun Jung | Ju-Young Shin

Optimizing Outcomes for Older Adults – Room II

MODERATORS: Dima Qato | Catherine Rogers Murray

5:15 PM

Multitrajectories of Polypharmacy Composition Patterns and Their Impacts on Clinical Outcomes Among Older People: A Longitudinal Cohort Study
Liang-Yi Lin | Shih-Tsung Huang
Liang-Kung Chen | Fei-Yuan Hsiao

5:30 PM

Discontinuation of Antipsychotic Medications in Older Adults Following Hospitalization and Risks of Adverse Clinical Outcomes
Chun-Ting Yang | James Wilkins | Elyse C. DeCesare
Yichi Zhang | Dae Hyun Kim | Kueiyu Joshua Lin

5:45 PM

Comparative Safety of Short-Acting Opioid Dose Escalation Versus Long-Acting Opioid Regimen in Nursing Homes
Heeyon Jung | Anthony Nunes | Yiyang Yuan
Jonggyu Baek Shao-Hsien Liu | Jayne Pawasauskas
Anne Hume | Kate Lapane

6:00 PM

Use of Trazodone and Quetiapine for Delirium in Older Adults After Hospital Discharge and Risks of Adverse Clinical Outcomes
Chun-Ting Yang | James Wilkins | Kevin Pritchard | Qiaoxi Chen
Dae Hyun Kim | Kueiyu Joshua Lin

6:15 PM

Using Prescription Symmetry Sequence Analysis in the Context of Antiparkinsonian Treatments in the United Kingdom
Xihang Chen | Berta Raventós | Ty Stanford
Daniel Prieto-Alhambra | Edward Burn | Martí Català
Nicole L. Pratt, FISPE | Laura Molina Porce
Annika M. Jödicke | Danielle Newby

6:30 PM

Concomitant Use of Low-Dose Methotrexate and Trimethoprim-Sulfamethoxazole and the 30-Day Risk of All-Cause Mortality Among Older Adults: A Population-Based Cohort Study
Hasti Sadeghi | Fatemeh Ahmadi | Flory Tsobo Muanda

Considerations for Your Cardiovascular Study Design – Auditorium

MODERATORS: Jessica C. Young | Ghadeer Dawwas

5:15 PM

A Newly Developed Method for Assessing Exposure and Adherence to Free Dose Combinations: A Proof-of-Concept Using Antihypertensive Drugs in Danish Administrative and Healthcare Registers
Sidse Marie Neumann Nielsen | Maurizio Sessa

5:30 PM

Associations of Serum Lipid Traits with Fracture and Osteoporosis: A Prospective Cohort Study from the U.K. Biobank
Xi Xiong | David Lui | Chengsheng Ju | Ziyi Zhou | Chao Xu
Paul Welsh | Naveed Sattar | Carlos Celis-Morales | Jill Pell
Ian Chi Kei Wong | Carlos K. Wong | Frederick Ho

5:45 PM

Epidemiologic Modeling of U.S. Cholesterol Treatment and Cardiovascular Outcomes Based on U.S. and European Guidelines
G. Caleb Alexande | Jill Curran | Alejandro Victores
Hemalkumar B. Mehta | Shanshan Lin | Xuya Xiao
Erin D. Michols | Jeromie Ballreich | Lori D. Bash | Jason Exter
Seth S. Martin | Kathryn Foti

6:00 PM

Time, Time and Time Again: Disentangling Time Trends in Prescribing with Age Period Cohort Analysis, An Exemplar on the Annual Prevalence of Statin Prescribing for Males and Females in the United States (2000-2019)
Nicholas Bakewell

6:15 PM

Partitioning Variation in Prescribing of Statins as a Percentage of Total Prescribed Medications for the Cardiovascular System: A Spatiotemporal Ecologic Study in England (2015-2019)
Nicholas Bakewell

6:30 PM

Comparing the Performance of Probabilistic and Rule-Based Phenotype Algorithms for Angioedema to the Experience Observed in Randomized Clinical Trials
Joel N. Swerdel | Judy Racoosin | Gowtham Rao
Martijn Schuemie | Patrick B. Ryan

Don't Be Biased! – Convention Hall I D

MODERATORS: Marie Linder | Jeremy A. Rassen, FISPE

5:15 PM

Immortal Bias from Different Lengths of Grace Period in a Clone-Censor-Weight Design: A Simulation Study

Michael Chun-uan Cheng | Albert Tzu-Ming Chuang
Edward Chia-Cheng Lai

5:30 PM

Using Simulations to Evaluate Characteristics of Negative Control Outcomes and Their Impact on Bias Detection

Zafar Zafari | Susan dosReis | Jeong-en Park
Wei Hua | Yong Mia | Fang Tian

5:45 PM

Using QBA in the Selection of Computable Operational Definitions to Minimize Misclassification and Underpower in RWE Studies

Aaron Kamaau | Christen M. Gray | Carla A. Talarico
Craig Parker | Jared Kamaau | Amanda Sheilds
Sylvia Taylor | Sudhir Venkatesan

6:00 PM

Parameterization of Beta Distributions for Bias Parameters of Binary Exposure Misclassification in Probabilistic Bias Analysis

Qi Zhang | Richard F. MacLehose | Lindsay J. Collin
Thomas P. Ahern | Timothy L. Lash

6:15 PM

Breaking Bias Barriers: Quantitative Bias Analysis for Rigorous Real-World Evidence

Grace Hsu

6:30 PM

Adjusting Number of Cases, Risk, Risk Difference and Risk Ratio Estimated Through an Algorithm with Unknown Sensitivity: A Contribution from the ConcePTION Project

Giorgio Limoncella | Leonardo Grilli | Emanuela Dreassi
Carla Rampichini | Robert W. Platt | Rosa Gini

CV Risk Post-Vaccine Exposure – Convention Hall I C

MODERATORS: Daniel Prieto-Alhambra | Cindy Ke Zhou

5:15 PM

A Comparison of Self-Controlled Study Designs in an Analysis of COVID-19 Vaccines and Myocarditis Using Five European Databases

Anna Schultze | Ivonne Martin | Davide Messina
Sophie H. Bots | Svetlana V. Belitser | Juan José Carreras
Elisa Correcher-Martinez | Arantxa Urchueguía-Fornes
Mar Martín-Pérez | Patricia Garcia | Felipe Villalobos
Meritxell Pallejà-Millán | Carlo Alberto Bissacco | Elena Segundo
Patrick C. Souverein | Fabio Riefolo | Carlos E. Durán | Rosa Gini
Miriam C.J.M. Sturkenboom | Olaf H. Klungel | Iam Douglas

5:30 PM

Ad26.COV2.S Vaccine and Thromboembolic Risks Among Premenopausal Women: Exploring Variation by Combined Hormonal Medication Use

Melanie H. Jacobson | Joel N. Swerdel | Azza Shoaibi
Kevin Haynes | Luis Humberto Anaya-Velarde | E. Claire Newbern

5:45 PM

Use of Target Trial Emulation for VHA Drug Safety Evaluations: A Case Study with Bivalent COVID-19 Vaccination and Hospitalizations for Ischemic Stroke

Kwan Hur | Rong Jiang | Lucy Pandey | Walid Gellad
Peter Glassman | Chester B. Good | Donald R. Miller
Yinong Young-Xu | Fran E. Cunningham

6:00 PM

Stroke Risk Following Receipt of COVID-19 Bivalent Vaccines Among U.S. Adults Aged ≥65 Years

Yun Lu | Kathryn Matuska | Gita Nadimpalli | Yuxin Mal
Nathan N. Duma | Henry Zhang | Yiyun Chiang | Hai Lyu
Yoganand Chillarige | Jeffrey A. Kelman | Richard A. Forshee
Steven A. Anderson

6:15 PM

A Self-Controlled Case Series to Evaluate Risk of Ischemic Stroke Following Bivalent COVID-19 Vaccine Administration in a U.S. Veteran Population

Kwan Hur | Kevin W. Mcconeghy | Bharat Thakkar | Lucy Pandey
Walid Gellad | Peter Glassman | Chester B. Good
Yinong Young-Xu | Donald R. Miller | Fran E. Cunningham

6:30 PM

The Effect of Influenza Vaccination on Risk of Myocardial Infarction (MI) in Patients Taking Statins: A Self-Controlled Case Series Study

William E. Henley | Adam Streeter

Mood Meds Mix: A Balancing Act – Room XV

MODERATORS: Patrick C. Souverein | Carla Torre

5:15 PM

Antidepressant Adherence Patterns and Hospitalization Risk Among Type 2 Diabetic Adults – An Application of Group-Based Trajectory Modeling

Yueh-Yi Chiang | Susan dosReis

5:30 PM

Association Between Preoperative Use of Selective Serotonin Reuptake Inhibitor Treatments and Post-Hepatectomy Liver Failure after Liver Surgery: A Nationwide Cohort Study on the French Health Data System (SNDS)

Cécile Payet | Xavier Muller | Marie Viprey | Aurélie Moskal
Stéphanie Polazzi | Bruno Charpiat | Jean-Yves Mabrut
Annoine Duclos | Mickaël Lesurtel

5:45 PM

Long-term Use of Benzodiazepines for Insomnia in Primary Healthcare Facilities in Beijing, China

Mengyuan Fu | Joseph S. Ross
Luwen Shi | Xiaodong Guan

6:00 PM

Depression Among Women with Reproductive System Disorders

Mette Bliddal | Rikke Wesselhoeft | Lotte Rasmussen
Magdalena Janecka | Nina Zaks | Lone Kjeld Petersen
Sofie D. Egsgaard | Peter Bjødstrup Jensen | Trine Munk-Olsen

6:15 PM

Prescribing of SSRIs/SNRIs to Menopausal Women and its Associated Risk of Acute Cardiovascular Events: A Cohort Study

Dana Alsugeir | Li Wei | Ruth Brauer

6:30 PM

National Trends in Benzodiazepine Prescribing by Provider Type in Children and Adults, 2013-2022

Naomi Cruz | Hillary Samples | Stephen Crystal | Fangzhou Xie
Mark Olfson | Greta A. Bushnell

5:15 - 6:45 PM

LIGHTNING FORUM SESSION 1

Room III

MODERATORS:

Jaclyn L. Bosco | Kevin Haynes | Lisa G. Pont | Kristin Palmsten

5:15 PM

Risk of Serious Infections in Psoriasis/Psoriatic Arthritis Biological Drug Users: A Large-Scale, Propensity Score Matched Cohort Study Using the Italian VALORE Project Distributed Database

Yiyi Xu | Rickard Ljung | Anders Sundström | Susannah Leach
Ebba Hallberg | Maria Bygdell | Maria Larsson
Veronica Arthurson | Magnus Gisslen | Rolf Gedeberg
Fredrik Nyberg (Sweden)

5:20 PM

Comparative Safety of Biologic and Targeted-Synthetic DMARDs in Patients with Rheumatoid Arthritis: A Multi-Database Real-World Cohort Study

Yinzhu Jin | Jun Liu | Rishi J. Desai

5:25 PM

The Effectiveness of Adalimumab Biosimilars and Originator for the Treatment of Psoriasis: A Target Trial Emulation Study from the British Association of Dermatologists Biologics and Immunomodulators Register (BADBIR)

Duc Binh Phan | Anthony Bewley | Philip Laws | Teena Mackenzie
Catherine Smith | Christopher Griffiths | Mark Lunt
Richard B. Warren | Zenas Zee Ngai Yiu

5:30 PM

Switching Pattern of Biological Drugs in Patients with Psoriasis and Psoriatic Arthritis: Insight from the Italian Multi-Regional VALORE Distributed Database Network

Giorgia Pellegrini | Andrea Spini | Ilenia Ingrassio | Luca L'Abbate
Massimo Carollo | Olivia Leoni | Arianna Mazzone
Domenica Ancona | Paolo Stella | Anna Cavazzana
Angela Scapin | Sara Lopes | Valeria Belleudi | Stefano Ledda
Paolo Carta | Paola Rossi | Lucian Eiji | Ester Sapigni
Aurora Puccini | Claudio Guarneri | Paolo Gisondi
Stefania Spila Alegiani | Marco Massari | Gianluca Trifirò, MD, FISPE

5:45 PM

Comparison of Treatment and Outcomes for Inflammatory Bowel Disease Unclassified versus Ulcerative Colitis and Crohn's Disease

Nival Cherian | James D. Lewis

5:50 PM

Effectiveness and Safety of Biosimilars in Pediatric Inflammatory Bowel Diseases: An Observational Longitudinal Study on the French National Health Data System

Hugo Jourdain | Léa Hoisnard | Emilie Sbidian | Mahmoud Zureik

MAIN CONFERENCE Program Schedule

5:55 PM

Pattern of Use of Biological Drugs in Pediatric Patients with Immune-Mediated Inflammatory Diseases through the Italian VALORE Distributed Database Network

Chiara Bellitto | Federica Soardo | Ilenia Ingrassio | Andrea Spini
Luca L'Abbate | Clément Mathieu | Massimo Carollo
Giorgia Pellegrini | Olivia Leoni | Arianna Mazzone
Domenica Ancona | Paolo Stella | Anna Cavazzana
Angela Scapin | Sara Lopes | Valeria Belleudi | Stefano Ledda
Paolo Carta | Paola Rossi | Lucian Eiji | Ester Sapigni
Aurora Puccini | Ilaria Francesca Scarpelli | Giovannatista De Sarro
Mauro Tuccori | Rosa Rifai | Giorgio Costa | Annalisa Campioni
Silvana Anna Maria Urso | Stefania Spila Alegiani | Marco Massari
Alessandra Aiola | Sebastiano Adarola Polina | Roberto Da Cas
Giampaolo Bucaneve | Anna Maria Pia Mamago
Francesco Balducci | Andrea Simonetti | Sandra Lembo
Ester Niesi | Gianluca Trifirò, FISPE

6:00 PM

Estimating the Prevalence of Immunoglobulin a Nephropathy (IgAN) in the European Union: A Weighted Average Estimation Approach Utilizing Diagnostic Procedure Frequency in a Rare Disease Setting

Jocelyn Buisker | Sigrid Behr

6:15 PM

DARWIN EU® – Age-Specific Burden of RSV-Related Disease in Europe

Johnmary T. Arinze | Miguel Mayer | Guillaume Verdy
Maarten van Kessel | Juan-Manuel Ramirez-Anguita | Angela Leis
Romain Griffier | Marek Oja | Raivo Kolde | Antonella Delmestri
Laura Pérez-Crespo | James Brash | Dina Vojinovic
Hanne Ballegooijen | Sarah Seager | Talita Duarte-Salles
Katia M.C. Verhamee

6:20 PM

Disease Pattern, Serotype Distribution and Healthcare Resources Utilization of Antimicrobial Resistance in Patients with Pneumococcal Infection in Hong Kong – A Population-Based Study

Jack Chi Him Lau | Keith Wai-ki Cheung
Kim Shijian Lao | Celine SL Chui

6:25 PM

Risk of Hospitalized Pneumonia Among Patients Receiving Opioids: Self-Controlled Case Series Study

Avery Shuei-He Yang | Daniel Hsiang-Te Tsai
Edward Chia-Cheng Lai

6:30 PM

Evaluating the Differential Risk of Rheumatoid Arthritis-Associated Interstitial Lung Disease with Biological and Targeted Synthetic DMARDs: A Nationwide Cohort Study in Taiwan

Chin-Yao Shen | Albert Tzu-Ming Chuang
Daniel Hsiang-Te Tsai | Edward Chia-Cheng Lai

7:00 - 8:00 PM

ISPE COMMITTEE MEETINGS

Open to all attendees.

Sustainability Committee – Room 30312

7:00 - 8:00 PM

ISPE SPECIAL INTEREST GROUP MEETINGS

Open to all attendees.

Adherence – Room 30341

Geriatric Pharmacoepidemiology – Room 30441

Genomics – Room 30541

Medical Devices – Room 30310

Sustainability Committee – Room 30312

BRACE – Room V, 2nd floor

Cancer – Room X, 1st floor

Databases – Room XIV, 2nd floor

Health Equity and Diversity – VIII, 1st floor

RWE Collaborative – Auditorium

DUR – Convention Hall I C

Medications in Pregnancy & Lactation (MiPaL)
Convention Hall I D

Vaccines – Room II

Digital Epidemiology – Room III

DDI – Room IV

Rare Disease – Room XV

7:00 - 11:00 PM

**STUDENTS/EARLY CAREER PROFESSIONALS
MEET & GREET – ART STALKER**

Hosted by the Student Council, at Art Stalker

8:00 - 10:00 PM

PDS EDITORIAL BOARD – ROOM XII, 2ND FLOOR

By invitation.



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for more information.

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T U E S D A Y , A U G U S T 2 7

7:00 AM - 6:00 PM

SPEAKER READY ROOM – ROOM XI

Only required if you need to upload your presentation, or update/replace an already-uploaded presentation. Please complete uploads 24-hours in advance of your session.

7:00 AM - 6:00 PM

REGISTRATION – ROTUNDA

Lanyard sponsored by GENESIS RESEARCH

7:30 AM - 6:00 PM

LACTATION ROOM – BACKSTAGE I

Sponsored by EPI Excellence, LLC

7:00 - 8:00 AM

COFFEE WITH EXHIBITORS

CONVENTION HALL II

7:00 - 8:00 AM

ISPE REGIONAL INTEREST GROUP MEETINGS

Open to all attendees.

Environmental
Pharmacoepidemiology – Room I

ISPE Gulf – Room X, 1st floor

LATAM – Room V, 2nd Floor

7:00 - 8:00 AM

POSTER SESSION B SET-UP

CONVENTION HALL II

8:00 AM - 6:00 PM

EXHIBITS / POSTER SESSION B

CONVENTION HALL II

8:00 - 9:30 AM

CONCURRENT SESSIONS:

ORAL PRESENTATIONS

Psychotropics and Pregnancy: Timing Matters – Auditorium

MODERATORS: Elizabeth A. Suarez | Anick Bérard, FISPE

8:00 AM

Initiating Antidepressant Treatment in Pregnancy: Timing, Intensity, and Influential Maternal and Familial Factors

Alexis Carson | Nhung TH Trinh
Hedvig M.E. Nordeng | Angela Lupattelli

8:15 AM

Timing and Duration of ADHD Medication Use in Pregnancy and Risk of Preterm Birth

Chaitra Srinivas | Øystein Karlstad | Hein Stigum | Kari Furu
Carolyn E. Cesta | Johan Reutfors | Jennifer Hutcheon
Jacqueline M. Cohen

8:30 AM

Z-Drug Use in the First Trimester and Risk of Congenital Malformations in the U.S.

Kelly Fung | Loreen Straub | Brian T. Bateman | Ayesha C. Sujan
Gregory Brill | Sonia Hernandez-Diaz | Krista F. Huybrechts

8:45 AM

Emulating a Target Trial to Estimate the Causal Effect of Antiepileptic Medication on Birthweight

Tania Schink | Bianca Kollhorst | Ulrike Haug

9:00 AM

Assessment of Non-Cardiac Congenital Malformations and in Utero Exposure to Modafinil/Armodafinil in the Sentinel Distributed Database

Catherine Collahan | Jennifer G. Lyons | Kimberly Barrett
Derek Campbell | Kira Leishear | Carrie Ceresa | Miriam Dinatale

9:15 AM

Psychiatric Outcomes and Their Progression Across Different Diagnoses in Children and Adolescents Following Prenatal Exposure to Antidepressants

Anastasia Giorcelli | Nhung T.H. Trinh | Lene Maria Sundbakk
Sina Rostami | Shuvasa Thapa | Anna Cantarutti
Hedvig M.E. Nordeng | Angela Lupattelli

Can We De-Risk the Risk?

Drug Exposure in Older Adults – Room II

MODERATORS: Kaley N. Hayes | Gillian E. Caughey

8:00 AM

Difference in the Risk of Fall and Related Injuries Among First-Line Treatments in Older Adults with Depression: A Target Trial Emulation with Cloning-Censoring-Weighting Approach

Grave Hsin-Min Wang | Wei-Hsuan Lo-Ciganic | Amie Goodin
Rachel Reise | Ronald Shorr | Hsin-Min Wang

8:15 AM

Use of Gabapentinoids and Risk of Hip Fractures: A Population-Based Case-Crossover and Case-Case-Time-Control Study

Miriam Tim Yin TY Leung | Justin P. Turner | Clara Marquina
Jenni Ilomäki | Tim Tran | J. Simon Bell

8:30 AM

Association Between Glucagon-Like Peptide-1 Receptor Agonists and Risk of Depression in U.S. Older Adults with Type 2 Diabetes

Ying Lu | Huilin Tang | William T. Donahoo
Jiang Bian | Jingchuan Guo

8:45 AM

Risk of Out-of-Hospital Cardiac Arrest (OHCA) and Anticholinergic Burden in Taiwan: A Case-Crossover and Case-Case-Time-Control Study

Chris Tzu-Ting Su | Edward Chia-Cheng Lai | Ming-Jen Tsai

9:00 AM

Patterns of Fall-Risk Increasing Drugs (FRIDs) Use and Associations with Falls in Residential Aged Care: A Group-Based Multi-Trajectory Analysis of an 8-Year Longitudinal Cohort Study

Nasir Wabe | Guogui Huang | Sandun Silva | Amy Nguyen
Karla Seaman | Magdalena Z. Raban | Peter Gates | Richard Day
Jacqueline Close | Stephan Lord | Johanna Westbrook

9:15 AM

Drug-Drug Interactions and their Association with Adverse Health Outcomes in the Older Community-Dwelling Population: A Prospective Cohort Study

John E. Hughes | Kathleen E. Bennett | Caitriona Cahir

Harms of Incretin-Based Therapies for Diabetes Treatment – Room III

MODERATORS: Cynthia J. Girman, FISPE | Chintan Dave

8:00 AM

Risk of Urogenital Infections in Patients with Type 2 Diabetes Initiating SGLT2i Versus GLP-1RA: A Danish Emulated Target Trial

Christine Ljungberg | Frederik P.B. Kristensen
Michael Dalager-Pedersen | Christina Vandenbroucke-Grauls
Mette Nørgaard | Reimar W.W. Thomsen

8:15 AM

Glucagon-Like Peptide 1 Receptor Agonists and Risk of Thyroid Cancer: An International Multisite Cohort Study in Canada, Denmark, Norway, Sweden, South Korea and Taiwan

Sarah M. Baxter | Lars Christian Lund | Jacob Harbo Andersen
Laszlo | Miyuki Hsing-Chun Hsieh | Chris Tzu-Ting Su
Michael Chun-Yuan Cheng | Zoe | Edward Chia-Cheng Lai
Swaleh Hussain | Cherry Chu | Tara Gomes | Antoine
Zachary Bouck | Mina Tadrous | Sungho Bea | Eun-Young Choi
Ju-Young Shin | Karin Modig | Mats Talbäck | Rickard Ljung
Hanne L. Løvdal Gulseth | Øystein Karlstad
Blanaid Hicks | Anton Pottegård

8:30 AM

Glucagon-Like Peptide-1 Receptor Agonists and the Risk of Pulmonary Aspiration During Endoscopy: A Cohort Study

Wajid Alkabbani | Karine Suissa | Kristine Gu | Sara J. Cromer
Julie M. Paik | Katsiaryna Bykov | Ion Hobai
Deborah J. Wexler | Elisabetta Patorno

8:45 AM

Hypereosinophilia Following Initiation of Glucagon-Like Peptide 1 Receptor Agonists: A Sequence Symmetry Analysis Using the Danish Health Registries

Martin Torp Rahbek | Søren Andreas Just
Kasper Bruun Kristensen | Hassam Mahmoud Sheta
Jesper Hallas, FISPE | Anton Pottegård | Lars Christian Lund

9:00 AM

Glucagon-Like Peptide 1 Receptor Agonist Use and Risk of Thyroid Cancer: Scandinavian Cohort Study

Björn Pasternak | Viktor Wintzell | Anders Hviid | Björn Eliasson
Soffia Gudbjörnsdóttir | Christian Jonasson | Kristian Hveem
Henrik Svanström | Mads Melbye | Peter Ueda

9:15 AM

Investigating the Association Between Incretin-Based Therapies and Thyroid Cancer Incidence Using United States Medicare Data 2007-2019

Clement Acheampong, B.Pharm | John Buse | Klara R. Klein
Lawrence T. Kim | Joshua Evron | Anna Kahkoska
Caroline A. Thompson | Virginia Pate | Peter Leese | Til Stürmer

P.S. – There are Others – Convention Hall I D

MODERATORS: John R. Tazare | Hisashi Urushihara

8:00 AM

Performance of Entropy Balancing and Covariate Balancing Propensity Score Methods for Controlling Confounding Under Challenging Real-World Conditions in Observational Studies: Simulation Study in the CorEvitas Psoriasis Registry

Michael Singleton | Oksana Pugach | Melissa Eliot
Robert R. McLean | Adam Sima | Heather J. Litman

MAIN CONFERENCE

Program Schedule

8:15 AM

Comparative Analysis of High Dimensional Propensity Scoring and Dimensionality Reduction in Cohort Studies

Sudhir Venkatesan | Jonatan Nätman | Eva Lesén
Stefan Franzén | Sima Shahsavari | Mario Ouwens

8:30 AM

Feasible Computation of Propensity Score and Outcome Regression Models with the Highly Adaptive Lasso

Georg Hahn | Richard Wyss | Shirley V. Wang

8:45 AM

High-Dimensional Multiple Imputation (HDMI) For Partially Observed Confounders Including Natural Language Processing-Derived Auxiliary Covariates

Janick Weberpals | Pamela A. Shaw | Kueiyu Joshua Lin
Richard Wyss | Joseph M. Plasek | Li Zhou | Kerry Ngan
Thomas DeRamus | Sudha R. R. Raman | Bradley G. Hammill
Hana Lee | Darren Toh | John G. Connolly | Kimberly J. Dandreo
Fang Tian | Wei Liu | Jie J. Li | José J. Hernández-Muñoz
Sebastian Schneeweiss | Rishi J. Desai

9:00 AM

Comparing OMOP and ConcePTION Common Data Models in CPRD GOLD: Direct Oral Anticoagulants Versus Vitamin K Antagonists on the Risk of Bleeding and Cardiovascular Outcomes

Nicholas Hunt | Patrick C. Souverein | Marloes Bazelier
Helga Gardarsdottir, FISPE | Nicola L. Barclay
Miriam C.J.M. Sturkenboom | Daniel Prieto-Alhambra
Olaf H. Klungel

9:15 AM

Development and Application of an Index to Adjust for Concomitant Hepatotoxic Medication Exposure in Hepatic Safety Studies

Jessie Torgersen | Craig W. Newcomb | Dena M. Carbonari
Sean Hennessy | Christopher T. Rentsch, FISPE | Janet P. Tate
Jason A. Roy | Tamar H. Taddei | Amy C. Justice | Vin Lo Re, III

Assessing COVID-19 Vaccine Effectiveness

Convention Hall I C

MODERATORS: Vin Lo Re, III | Hilda Duran

8:00 AM

Drug Target Mendelian Randomisation VS Propensity Score Weighting for Causal Inference: Estimating Vaccine-Induced Antibody Effect on COVID-19 Outcomes

Junqing Xie | Marta Alcalde Herraiz | Danielle Newby
Stephen Burgess | Daniel Prieto-Alhambra

8:15 AM

Added Benefit and Waning Effectiveness of a Third-Dose mRNA COVID-19 Vaccine in Community-Dwelling Medicare Beneficiaries Aged ≥65 Years in Omicron Period

Rowan McEvoy | Yun Lu | Kathryn Matuska | Hector S. Izurieta
Jessica R. Herval | Mikhail Menis | Arnstein Lindaas
Whitney Steele | Yoganand Chillarige | Michael Wernecke
Jeffrey A. Kelman | Richard A. Forshee

8:30 AM

Considerations for Negative Control Outcome Analyses in Vaccine Effectiveness Studies: Post-Hoc Analyses from an Adult Vaccine Effectiveness Study Conducted Within the FDA BEST Initiative

Lauren S. Peetluk | Djeneba Audrey Djibo | J. Bradley Layton
Jie Deng | Jonathan Deshazo | Morgan M. Richey
Rachel P. Ogilvie | Ron J. Parambi | Michael Miller
Jennifer Song | Wafa Tarazi | Lisa B. Weatherby
Elizabeth J. Bell | Mary S. Anthony | Cheryl N. McMahill-Walraven
Grace W. Yang | John D. Seeger, FISPE | Kandace L. Amend

8:45 AM

Effectiveness of COVID-19 Vaccines Administered During Pregnancy in Spain and Norway

Núria Mercadé-Besora | Nhung T.H. Trinh | Saeed Hayati
Berta Raventós | Theresa Burkard | Edward Burn | Martí Català
Angela Lupattelli | Laura Pérez-Crespo | Hedvig M.E. Nordeng
Talita Duarte-Salles

9:00 AM

Innovative Self-controlled Risk Interval Analysis of Effectiveness of COVID-19 mRNA Booster Vaccination in the Veterans Health Administration, Omicron Predominant Period

Caroline Korves | Martin Kulldorff | Abirami S. Balajee
Jeremy Smith | Gabrielle M. Zwain | David J. Graham
Jurandir Dalle Lucca | Hector S. Izurieta

9:15 AM

Effectiveness Over Time of a Complete Primary Series of the Original, Monovalent COVID-19 Vaccines Among Adults Aged 18-64 Years in the United States

J. Bradley Layton, FISPE | Lauren S. Peetluk | Patricia C. Lloyd
Yixin Jiao | Djeneba Audrey Djibo | Jie Deng | Joann F. Gruber
Rachel P. Ogilvie | Ron J. Parambi | Michael Miller
Jennifer Song | Lisa B. Weatherby | Elizabeth J. Bell
An-Chi Lo | Jessica R. Herval | Michael Wernecke | Sylvia Cho
Hui-Lee Wong | Tainya C. Clarke | Christine L. Bui
Alexandra Stone | Wafa Tarazi | Jonathan Deshazo
Richard A. Forshee | Steven A. Anderson | John D. Seeger, FISPE
Kandace L. Amend | Cheryl N. McMahill-Walraven
Yoganand Chillarige | Grace W. Yang
Mary S. Anthony | Azadeh Shoabi

Opioid Odyssey

Room IV

MODERATORS: Tanja Mueller | Juan M. Hincapie-Castillo

8:00 AM

Comparative Rates of Traumatic Physical Injury Among Concurrent Users of Opioid Analgesics and Skeletal Muscle Relaxants: Cohort Studies Using United States Medicaid Data

Charles E. Leonard, FISPE | Cheng Chen | Sean Hennessy
Colleen M. Brensinger | Todd A. Miano | Warren B. Bilker
Sascha Dublin | Sophie P. Chung | John R. Horn | Anika Tiwari

MAIN CONFERENCE

Program Schedule

8:15 AM

Prescribing of Opioids in Menopausal and Postmenopausal Women in the U.K.: A Population-Based Drug Utilization Study

Emma Tillyer | Li Wei | Yogini Jani | Ruth Brauer

8:30 AM

Impact of Initial Opioid Prescription on Risk of Incident Opioid Use Disorder Among Patients Newly Diagnosed with Musculoskeletal Pain

Allison Perry | Michael J. Munsell
Sydney Stackland | Chelsea Dutra

8:45 AM

Impact of Kentucky Medicaid Prior Authorization Removal on Dispensing and Continuity of Buprenorphine for the Treatment of Opioid Use Disorder

Dustin K. Miracle | Lindsey R. Hammerslag | Svetla Slavova
Michelle Lofwall | Jeffery Talbert
Sharon L. Walsh | Patricia R. Freeman

9:00 AM

Retention in Buprenorphine versus Methadone Treatment for Opioid Use Disorder in Pregnancy and Postpartum

Chih-Wan Grace Lin | Brian T. Bateman | Loreen Straub
Seanna Vine | Ayesha C. Sujan | Elizabeth A. Suarez
Sonia Hernandez-Diaz | Krista F. Huybrechts

9:15 AM

DARWIN EU® - Trends of Prescription Opioid Use in Europe

Junqing Xie | Mike Du | Yuchen Guo | Cesar Barboza
James Brash | Antonella Delmestri | Talita Duarte-Salles
Romain Griffier | Raivo Kolde | Wai Yi Man
Núria Mercadé-Besora | Marek Oja | Sarah Seager
Katia MC Verhamme | Dina Vojinovic | Edward Burn
Daniel Prieto-Alhambra | Martí Català | Annika M. Jödicke

The Evolving Landscape of Drug Safety: Research, Reporting, and Real-World Outcomes

Room XV

MODERATORS: Amir Sarayani | Peter GM Mol

8:00 AM

Development of the Reporting Recommendations Intended for Pharmaceutical Risk Minimization Evaluation Studies-Standards for Reporting of Implementation Studies Extension (RIMES-SE)

Meredith Y. Smith, FISPE | Elaine H. Morrato, FISPE | Nallely Mora
Viviana Nguyen | Hilary Pinnock | Almut G. Winterstein, FISPE

8:15 AM

Public's Perspective on COVID-19 Adenovirus Vector Vaccines After Thrombosis with Thrombocytopenia Syndrome (TTS) Reports and Associated Regulatory Actions: A Cross-Sectional Study in Six EU Member States

Shahab Abtahi | Caroline Buhl | Ramune Jacobsen
Anna Birna Almarsdóttir | Ella Van Vliet | Armin Andersen
Elena Deligianni | Foteini Dermiki-Gkana | Christos Kontogiorgis
Chara Oikonomou | Mirdza Kursite | Elita Poplavska
Ingrid Hegger | Marloes Van Der Goot | Paula Barão Sousa Ferreira
Inês Ribeiro-Vaz | Ana Marta Silva | Mitja Kos
Nanča Čebren Lipovec | Teresa Leonardo Alves

8:30 AM

Changes in Neutropenia Outcomes After the 2019 Clozapine Risk Evaluation and Mitigation Strategy Update

Ting-Ying Huang | Jana Chang | Kenneth Taylor | Yuqin Wei

8:45 AM

Impact of the U.S. Food and Drug Administration Warning for Increased Risk of Aortic Aneurysms or Dissections on Fluoroquinolone Prescribing Trends

John G. Rizk | Julia F. Slejko | Emily Heil
Dominique Seo | Danya M. Qato

9:00 AM

Media Coverage of COVID-19 Vaccine Risks in Australia During 2021: Risk Communication During a Rapidly Evolving Situation

Ashleigh Hooimeyer | Eliza McEwin | Annim Mohammad
Zhicheng Wang | Kellia Chiu | Sally McDonald | Barbara Mintzes

9:15 AM

Comparative Effectiveness and Safety of Different Hydroxychloroquine Doses for Patients with Systemic Lupus Erythematosus: Nationwide Analysis Using Target Trial Emulation Framework

Brian Meng-Hsun Li | Meng-Yu Weng | Edward Chia-Cheng Lai

9:30 - 10:00 AM

BREAK / POSTERS / EXHIBITS
CONVENTION HALL II

10:00 - 11:30 AM

PLENARY SESSION

Role of Real-World Data for Regulatory Science when Randomized Clinical Trials are Not Feasible: Lessons Learned from Perinatal Pharmacoepidemiology – Convention Hall I A/B

Over the past 18 years, ISPE members contributed to generating knowledge improving the quality of science and enhancing communication related to the use and safety of medications in pregnancy and lactation (MiPaL). For ethical and medico-legal considerations, this field heavily relies on observational studies, facing numerous methodological challenges common to these designs. In this plenary session, we will highlight advances in methodological approaches, the role of Real-World Data to inform regulation of pharmaceuticals and clinical recommendations, and future directions. The session is inspired by accomplishments of MiPaL SIG members, but applicable to other areas.

SPEAKERS

Sandra Lopez-Leon, MD, PhD
Director, Novartis, USA / Adjunct Faculty PETS, Rutgers University, USA

Sonia Hernández-Díaz, MD, DrPH, FISPE
Professor, Harvard T.H. School of Public Health, USA

Hedvig Nordeng, PhD, MScPharm, FISPE
Professor, University of Oslo, Norway

Marleen van Gelder, PhD
Assistant Professor, Radboud University Medical Center, The Netherlands / University of Oslo, Norway

12:00 - 1:30 PM

LUNCH – CONVENTION HALL II

SPONSORED SPEAKING SESSIONS

CONVENTION HALL II

11:30 AM - 12:00 PM:

ORACLE LIFE SCIENCES + ZEG BERLIN

How the Use of Retrospective Real-World Data [Claims and HER] Can Identify Potential Safety Events

Martina Furegato | Ramzi Argoubi

12:30 - 1:00 PM:

ORACLE LIFE SCIENCES + ZEG BERLIN

How the Use of Retrospective Real-World Data [Claims and HER] Can Identify Potential Safety Events

Martina Furegato | Ramzi Argoubi

11:30 AM - 1:00 PM

POSTER SESSION B

CONVENTION HALL II

11:30 AM - 1:00 PM

ISPE COMMITTEE MEETINGS

Open to all attendees; lunch available

Education Committee – Room I, 1st Floor

History and Archives Committee – Room X, 1st Floor

Membership Committee: Room V, 2nd Floor

Development Committee: Room XI, 1st Floor

11:45 AM - 12:45 PM

SPOTLIGHT POSTER SESSION B

FOYER III

Health Equity

Medical Devices

Medications in Pregnancy and †Lactation

Pediatrics

Rare Diseases

RWE Collaborative

Vaccines

1:00 - 2:30 PM

CONCURRENT SESSIONS:

ORAL PRESENTATIONS

Pregnancy Potpourri – Room XV

MODERATORS: Jennita Reefhuis | Elena Rivero-Ferrer, FISPE

1:00 PM

Characterizing Perinatal Treatment Patterns and Outcomes in Rheumatologic Disease: A Retrospective Cohort Study in a U.S. Health Insurance Claims Database

Melanie H. Jacobson | Rupa Makadia | Nathan E. Hall
Jill Hardin | Sicong Huang | Anna Ostropelets | Ran Sun
Rebecca Zaha | Alexis Krumme

1:15 PM

Association of Non-Steroidal Anti-Inflammatory Drug Use During Pregnancy and Miscarriage: A Norwegian Registry Linkage Study

Marleen M.H.J. van Gelder | Angela Lupattelli
Hilde M. Engjom | Hedvig M.E. Nordeng

1:30 PM

Adverse Pregnancy Outcomes Associated with In Utero Exposure to Multiple Sclerosis Disease-Modifying Therapies in France: A Nationwide Cohort Study

Morgane Swital | Jérôme Drouin | Sara Miranda
Jérémy Botton | Rosemary Dray-Spira

1:45 PM

Leveraging Human Genetics to Inform the Effect of Blood Pressure Lowering Drugs on Adverse Pregnancy Outcomes

Maria Carolina Borges | Qian Yang | Nancy McBride
Marwa Al Arab | Christy Burden | Kate Birchenall
Ana Luiza Soares | Tom Bond
Maria C. Magnus | Deborah Lawlor

2:00 PM

Comparing the Risk of Adverse Infant Outcomes Among Pregnancies with and without COVID-19 in the Sentinel System

Mayura Shinde | Austin Cosgrove | Maria E. Kempner
Jennifer G. Lyons | Jolene Mosley | Andrew Petrone
Elizabeth Messenger-Jones | Maria Lewis | Yueqin Zhao
Leyla Sahin | José J. Hernández-Muñoz
Darren Toh | Wei Hua

2:15 PM

Major Congenital Malformations After First-Trimester Exposure to Smoking Cessation Pharmacotherapies: A Population-Based Study in Australia, New Zealand, Norway and Sweden

Duong T. Tran | Jacqueline M. Cohen | Sarah Donald
Annelies L. Robijn | Carolyn E. Cesta | Kari Furu | Lianne Parkin
Sallie-Anne Pearson | Johan Reutfors | Helga Zoega
Nicholas Zwar | Alys Havard

Navigating the Cancer Landscape Using Innovative Pharmacoepidemiologic Methods – Room II

MODERATORS: Oluwadamilola Onasanya | Blainaid Hicks

1:00 PM

Immune-Related Adverse Events of Anti-PD-(L)1 Immunotherapy with and without Chemotherapy in Patients with Advanced Non-Small Cell Lung Cancer: A Real-World Evidence Study

Ping Shao | Alexi N. Archambault | Christian Hampp
Rachel E. E. Sobel | Julius Asubonteng
Gregory P. Geba | Asha B. Pillai

1:15 PM

Developing a De-Novo Mortality Model for Relapsed and Refractory Multiple Myeloma: Emulation of Subjective Life Expectancy Criteria from a Clinical Trial in Real-World Data

Christian Hampp | Alexander Breskin | Paul Spin | Di Wang
Qiufei Ma | Glenn S. Kroog

1:30 PM

The Comparative Risk of Urinary Tract Infections with Degarelix and Gonadotropin-Releasing Hormone Agonists among Patients Diagnosed with Prostate Cancer: A Population-Based Cohort Study

Farzin Khosrow-Khavar | Elisa Bandera | Chintan Dave

1:45 PM

Comparative Effectiveness and Cardiovascular Safety of Enzalutamide Versus Abiraterone Amongst Older U.S. Men Diagnosed with Metastatic Castration-Resistant Prostate Cancer

Charles E. Gaber | Ebere Okpara | Abdullah I. Abdelaziz
Jyotirmoy Sarker | Kent A. Hanson | Lubna Hassan
Fang-Ju Lin | Todd A. Lee | Natalie Reizine

2:00 PM

Incidence and Survival of Pregnancy Associated Breast Cancer: A Contribution from the IMI ConcePTION Project Piloted in Finland and Norway

Maarit K. Leinonen | Visa Martikainen | Cori Campbell
Saeed Hayati | Alexis Krumme | Joan K. Morris
Hedvig M.E. Nordeng | Mika Gissler

2:15 PM

Hypothetical Target Trial to Compare the Effectiveness of Atezolizumab, Pembrolizumab and Nivolumab in Second Line Treatment of Advanced Non-Small Cell Lung Cancer

Euloge Clovis Kenne Pagui | Simon Boge Brant
Kristian Svendsen | Arnoldo Frigessi | Åslaug Helland
Steinar Ø Thoresen | Christian Jonasson

Your Brain on CVD and Diabetes Drugs – Auditorium

MODERATORS: G. Caleb Alexander | Mette Nørgaard

1:00 PM

The Association Between Exposure to GLP-1 Receptor Agonists and Risk of Suicide-Related and Self-Harm-Related Events in Diabetic Patients from the U.K. General Practice IQVIA Medical Research Data (IMRD) Database

Andrei Barbulescu | Maria Clara Restrepo-Méndez
Daniel R. Morales | Robert Flynn

1:15 PM

Risk of Suicidal Attempt and GLP-1RAs in Type 2 Diabetes Population in Taiwan: A Case-Crossover and Case-Case-Time-Control Study

Tzu-Ting Su | Edward Chia-Cheng Lai | Avery Shuei-He Yang

1:30 PM

Dementia Associated With Sodium-Glucose Cotransporter-2 Inhibitors Versus Glucagon-Like Peptide-1 Receptor Agonists: A Population-Based Cohort Study

Bin Hong | Sungho Bea | Hwa Yeon Ko | Woo Jung Kim
Young Min Cho | Ju-Young Shin

1:45 PM

Phosphodiesterase-5 Inhibition and Alzheimer Disease Risk: A Mendelian Randomization Study

Marta Alcalde Herraiz | Junqing Xie | Benjamin Woolf
James Yarmolinsky | Ioanna Tzoulaki | Dipender Gill
Daniel Prieto-Alhambra | Danielle Newby

MAIN CONFERENCE Program Schedule

TUE

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2:00 PM

Brain-Penetrant Calcium Channel Blockers for Psychiatric Use: Revisiting the Evidence for Benefit

David M. M. Kern | Justin Bohn | Michael Maher | Amin Yakubu
Dmytro Dymshyts | Azza Shoaibi

2:15 PM

The Use of Brain-Penetrant Calcium Channel Blockers (BP-CCBs) and Risk of Suicidality and Hospitalization Among Patients with Neuropsychiatric Disorders: A Retrospective Comparative Cohort Study

Justin Bohn | Azza Shoaibi | David M. M. Kern | Michael Maher
Amin Yakubu | Dmytro Dymshyts

Move Over, PS! – Convention Hall 1D

MODERATORS: Rosa Gini | G. Niklas Noren

1:00 PM

Enhancing Drug Safety Review with Advanced Artificial Intelligence: A Pilot Study on Large Language Model-Assisted Literature Screening

Mingfeng Zhang | Dan Li | Leihong Wu | Robert Ball | Joshua Xu

1:15 PM

Benchmarking Large Language Model Performance on Natural Language Processing Tasks for Pharmacoepidemiology

Hui Feng | Francesco Ronzano | Jude LaFleur
Matthew L. Garber | Rodrigo de Oliveira | Katharine Roth
Kathryn Rough | Jay Nanavati | Khaldoun Zine El Abidine

1:30 PM

Establishing a Validation Framework of Claims-Based Treatment Discontinuation Definitions Using Natural Language Processing and Electronic Health Records

Chun-Ting Yang | Kerry Ngan | Dae Hyun Kim
Jun Liu | Kueiyu Joshua Lin

1:45 PM

Identifying Adverse Drug Events in Clinical Notes of Intensive Care Patients: The Need for a Gold Standard Corpus to Enable Automation Via Natural Language Processing

Rachel M. Murphy | Dave A. Dongelmans | Nicolette F. de Keizer
Rosa J. Jongeneel | Christiaan H. Koster | Kitty J. Jager
Ameen Abu-Hanna | Lacer Calixto | Joanna E. Klopotoska

2:00 PM

Predicting Causes of Death from Structured Electronic Health Records Using Machine Learning

Mohammed Al-Garad | Ruth M. Reeves | Rishi J. Desai
Michele LeNoue-Newton | Daniel Park | Shirley V. Wang
Judith C. Maro | Candace C. Fuller | Kueiyu Joshua Lin
José J. Hernández-Muñoz | Aida Kuzucan | Xi Wang
Haritha Pillai | Kerry Ngan | Jill Whitaker | Jessica Deere
Michael F. McLemore | Dax Westerman | Michael E. Matheny

2:15 PM

A Tree-Based Scan Statistic for Database Studies with Time-to-Event Outcomes

Massimiliano Russo | Shirley V. Wang

COVID-19: Part V – Convention Hall 1C

MODERATORS: Montse Soriano Gabarro, FISPE | Fariba Ahmadizar

1:00 PM

Events on Day Zero of Follow-Up: Considerations for Cohort Studies of Adverse Events After COVID-19 Diagnosis

J. Bradley Layton | Morgan M. Richey | Arnstein Lindaas
Stella G. Muthuri | Patricia C. Lloyd | Joann F. Gruber
Christine L. Bui | Mollie McKillop | Lisa Kowarski | Hai Lyu
Angela Cheng | Zhiruo Wan | Tainya C. Clarke | Alison Tse Kawai
Jeffrey B. Beers | Richard A. Forshee | Steven A. Anderson
Timothy Burrell | Yoganand Chillarige
Mary S. Anthony | Azadeh Shoaibi

1:15 PM

Using Probabilistic Bias Analysis to Account for Outcome Misclassification of COVID-19 Death in Pharmacoepidemiologic Studies

Marleen Bokern | Christopher T. Rentsch, FISPE | Jennifer K. Quint
Jacob Hunnicutt | Kieran J. Roethnie
Ian Douglas | Anna Schultze

1:30 PM

Ursodeoxycholic Acid and Severe COVID-19 Outcomes in People with Liver Disease: A Cohort Study Using the OpenSAFELY Platform

Ruth E. Costello | Karen Waller | Rachel Smith | George Mells
Angel Wong | Anna Schultze | Viyaasan Mahalingasivam
Emily Herrett | Bang Zheng | Liang-Lu Lin | Amir Mehrkar
Sebastian Bacon | Ben Goldacre | Laurie Tomlinson
John R. Tazare | Christopher T. Rentsch, FISPE

1:45 PM

SARS-CoV-2 Infection and Risk of Subsequent Demyelinating Diseases – A Nationwide Register-Based Cohort Study in Sweden

Fredrik Nyberg | Snieguole Vingeliene | Huiqi Li
Helena Backman | Ruzan Udumyan | Johan Jendeborg
Gunlög Rasmussen | Martin Sundqvist | Katja Fall
Ayako Hiyoshi | Scott Montgomery

2:00 PM

Risk of Acute Cardiovascular Events in COPD Patients After Experiencing COVID-19-Related Vs Non-COVID-19-Related Exacerbations – A Population-Based Study

Brian K. Kirui | Oskar Wallström | Lowie E.G.W. Vanfleteren
Ailiana Santosa | Huiqi Li | Carl Bonander | Caroline Stridsman
Mats Börjesson | Fredrik Nyberg

2:15 PM

Risk of Uveitis Following COVID-19 Diagnosis

Ping Shao | Irene J. Chen | Maggie Hymowitz
Alexander Breskin | Daniel Keebler | Rachel E. E. Sobel
Angelika Manthripragada

The Pill-osophy of Making Medicines Safe
Room IV

MODERATORS: Hubert G. Leufkens, FISPE | Jieni Li

1:00 PM

Bleeding Risk Associated with Non-Steroidal Anti-Inflammatory Drug Use in Patients with Venous Thromboembolism: A Nationwide Cohort Study

Søren Riis Petersen | Kasper Bonnesen | Lars Pedersen
Erik Lerkevang Grove | Morten Schmidt

1:15 PM

Prescribed Drug Use and Aneurysmal Subarachnoid Haemorrhage Incidence: A Drug-Wide Association Study

Shahab Abtahi | Jos P. Kanning | Christian | Olaf H. Klungel
Mirjam I. Geerlings | Ynte M. Ruigrok

1:30 PM

Comparison of Switching to Direct Oral Anticoagulants and Continuous Low-Molecular-Weight Heparin in the Treatment of Cancer-Associated Venous Thromboembolism in Taiwan

Wei Kang | Chin-Yao Shen | Michael Chun-Yuan Cheng
Vincent KC Yan | Yue Wei | Tung Hiu Li | Caige Huang
Edward Chia-Cheng Lai | Ian Chi Kei Wong | Esther W. Chan

1:45 PM

Conjunctivitis Among Individuals with Moderate-to-Severe Atopic Dermatitis Treated with Dupilumab in the United States

Jessica M. Franklin | Andrea F. Marcus | Ihtisham Sultan
Ashley Howell | Sarah-Jo Sinnott | Jeannette Green
Stephen M. Ezzy | Robert Gately
Rachel E. E. Sobel | Florence Wang

2:00 PM

Post-Surgical Opioid Initiation and Diverticulitis Risk: A Multi-jurisdictional Population-Based Cohort Study

Michael Andrew Webster-Clark | Matthew Dahl | Amani Hamad
Michael Paterson | Fangyun Wu | Carolina Moriello
Audray St-Jean | Samy Suissa | Robert W. Platt

2:15 PM

Pharmacogenetic CYP2D6 Variability, Phenoconversion And Treatment Outcomes: A Danish Population-Based Cohort Study of 6,798 Individuals Initiating Atomoxetine Treatment

Christiane Gasse | Kazi Ishtiak-Ahmed | Loa Clausen
Janne Pia Thistrup | Per Hove Thomsen

1:00 - 2:30 PM

LIGHTNING SESSION 2 - ROOM III

MODERATORS

Tobias Gerhard | Christopher T. Rentsch, FISPE
Michael Steinbuch, FISPE | Mary E. Ritchey, FISPE

1:00 PM

Association of Suicide Attempts with Gabapentinoid Treatment

Siu Chung Andrew Yuen | Li Wei | Kenneth K.C. Man

1:05 PM

Methodology for Identifying Single-Drug Involved Poisoning Deaths: Application to Gabapentin-Involved Drug Poisoning Death Surveillance

Svetla Slavova | Sarah Hargrove | Holly Hedegaard
Douglas Oyler | Bruce A. Goldberger | Peter Akpunonu
Krassimir Slavov | Nabarum Dasgupta | Dana Quesinberry
Lara Daniels | William Ralston | Patricia R. Freeman

1:10 PM

Is Gabapentin Used as an Alternative for Opioids? Characterizing Gabapentin Initiation in Medicare Beneficiaries

GYeon Oh | Daniela C. Moga, FISPE
Patricia R. Freeman | Erin L. Abner

1:15 PM

Comparative Risk of Epilepsy Among Antihypertensive Medications: An Emulated Target Trial

Marianne N. Otoo | Xuerong Wen | Todd Brothers
Nicole Asal | Kristina Ward

1:30 PM

Identifying Subgroups Associated with Switching Patterns of Asthma Treatment: A Real-World Drug Utilization Study Using the Parametric G-Formula

Irene Mommers | Job F. M. van Boven | Jens H.J. Bos
Sumaira Mubarik | Eelko Hak | Maarten J. Bijlsma

1:35 PM

Clone-Censor-Weight to Evaluate the Effect of Timing of Treatment Initiation in Individuals with New-Onset Diabetes Eligible for Treatment

Reimar W. W. Thomsen | Sia Kromann Nicolaisen
Lars Pedersen

1:40 PM

Emulating 6 Cardiovascular Outcome Trials of Antihyperglycemics in Patients with Type 2 Diabetes: A Multinational Analysis Based on 3 Asian Real-World Databases

Hwa Yeon Ko | Sohee Park | Ahhyung Choi | Han Eol Jeong
Brian Meng-Hsun Li | Michael Chun-Yuan Cheng
Miyuki Hsing-Chun Hsieh | Philip C.M. Au | Ching Lung Cheung
Edward Chia-Cheng Lai | Kenneth K.C. Man
Ian Chi Kei Wong | Ju-Young Shin

1:45 PM

Comparing Causal Estimands from a Sequential Nested Trial Emulation with a Treatment Decision Design to a Conventional Single Point Randomized Trial: A Simulation Study

Chase D. Latour | Catherine Wiener | Alexander Breskin
Kathleen Hurwitz | M. Alan Brookhart

2:00 PM

Increasing Retention in a Large-Scale, Remote Wearable Device Study: Learnings from the COVID-RED Trial

Laura C. Zwiars | Duco Veen | Marianna Mitratza
Timo B. Brakenhoff | Brianna M. Goodale | Paul Klaver
Kay Y. Hage | George S. Downward | Diederick E. Grobbee

2:05 PM

Bringing Athletes Back to Sport Safely: Data-Driven Ramp-Up Intervention from Wearable Data Linked with EHR in the NFL**

Mackenzie Herzog | Kristin Shiue | Rebecca Lee | Leigh Weiss
Tyler Williams | Allen Sills | Christina D. Mack

2:10 PM

Potential Benefit of Implantable Cardioverter-Defibrillator Placement During or Early After Acute Hospitalizations in Older Adults with Heart Failure

Soko Setoguchi | Nathaniel Kuhrt | Lynne W. Stevenson
Ehimare Akhabue | Aayush Visaria | Eileen Lee
Benjamin Bates | Poonam Gandhi

2:20 PM

Comparative Study of Zero/Low Versus Conventional Fluoroscopy Workflows for Ablation of Paroxysmal Atrial Fibrillation in Routine Clinical Practice

Shumin Zhang | Guy Cafri | Midhuna Vijayakumar
Brian John Sanchez | Phuong Park | LeeMing Boo | Paul Coplan

2:40 - 3:50 PM

**ANNUAL MEETING OF ISPE
MEMBERS & AWARDS CEREMONY**
CONVENTION HALL I, SECTION A/B

Call to Order & President's Address

Lisa G. Pont, FISPE, *ISPE President*

Financial Report

Caitlin Knox, FISPE, *Vice President/Finance*

New Business

Awards Ceremony

ISPE Board Transition

RETIRING BOARD MEMBERS & OFFICERS

Tobi Gerhard, FISPE | Caitlin Knox, FISPE
Jennifer Lund, FISPE | Daniel Prieto-Alhambra, FISPE
Hongbo Yuan

INDUCTION OF NEW DIRECTORS

Juan Hincapie-Castillo
Christopher Rentsch, FISPE
Jeremy Rassen
Keiko Asao
Marianne Cunningham

INSTALLATION OF 2023-2024 OFFICERS

Mary Beth Ritchey, FISPE, *President*
Jennifer Christian, *Vice President/Finance*
Lisa G. Pont, FISPE, *Immediate Past President*
Ursula Kirchmayer, FISPE, *President-Elect*

Passing of the Gavel

3:50 - 4:15 PM

**BREAK / POSTERS / EXHIBITS -
CONVENTION HALL II**

4:15 - 5:45 PM

**CONCURRENT SESSIONS
SYMPOSIA & WORKSHOPS**

Methodological Advances in Regulatory Real World Evidence Generation Systems: Perspectives from Sentinel and DARWIN-EU - Auditorium

Rishi J. Desai, PhD | Robert Ball | Peter Richard Arlett
Sebastian Schneeweiss | Talita Duarte-Salles
Daniel Prieto-Alhambra

Building Global Consensus on Definitions for Drug Safety Studies in Pregnancy to Improve Harmonized Evaluation of Real-World Data - Convention Hall I C

Anne Broe | Sydney K. Willis | Eileen Dareng | Miriam Haviland
Marleen M.H.J. van Gelder | Hedvig M.E Nordeng | Mollie E. Wood

**15+ years of ENCePP: What Has Been Achieved, What's Next, and What's in for ISPE
Convention Hall I D**

Catherine Cohet | K. Arnold Chan | Helga Gardarsdottir
Rosa Gini | Massoud Toussi | Carla Torre

**How can Pharmacoepidemiology Research Contribute to Tackle the Public Health threat of Antimicrobial Resistance? A Global Approach
Room II**

Katja Taxis | Chloé Corrie Hans Smit | Maarten Lambert
Indre Trečiokiene | Luciane Cruz Lopes
Ria Benkó | Lisa G. Pont, FISPE

MAIN CONFERENCE Program Schedule

MAIN CONFERENCE Program Schedule

W E D N E S D A Y , A U G U S T 2 8

**Novel Individualized Therapeutics:
Challenges and Opportunities for the
Use of Real-World Evidence in Rare Diseases**
Room III

Timothy Savage | Julien E. Heidt | Jie J. Li | Daniel Rosenberg
Tara MacCannell | Delphine Saragoussi

**Why Real-World Evidence (RWE)
Studies Need Implementation Research:
The Value Proposition**
Room IV

Meredith Y. Smith, FISPE | Mehmet Burcu | Gita A. Toyserkani
Elaine H. Morrato, FISPE

**The Growing Global Problem of Drug Shortages:
Understanding Their Impact on Research,
Patients and Healthcare Systems**
Room XV

Mina Tadrus | Katie Suda
Anton Pottegård | Fran E. Cunningham

6:00 - 7:00 PM

ISPE COUNCIL MEETINGS

Open to all attendees.

Academic Council – *Room I, 1st Floor*
Government Council – *Room X, 1st Floor*
Industry/Provider Council – *Room V, 2nd floor*
Student Council – *Room X, 1st Floor*

7:30 - 11:30 PM

Social Evening at Splinder & Klatt

All registered attendees are welcome! Please bring your name badge for registered attendee verification.

7:00 AM - 3:30 PM

SPEAKER READY ROOM – ROOM XI

Only required if you need to upload your presentation, or update/replace an already-uploaded presentation. Please complete uploads 24-hours in advance of your session.

7:00 AM - 4:30 PM

REGISTRATION – ROTUNDA

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7:30 AM - 4:30 PM

LACTATION ROOM – BACKSTAGE 1

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7:00 - 8:00 AM

COFFEE WITH EXHIBITORS

CONVENTION HALL II

7:00 - 8:00 AM

POSTER SESSION C SET-UP

CONVENTION HALL II

8:00 AM - 1:30 PM

EXHIBITS / POSTER SESSION C –

CONVENTION HALL II

8:30 - 10:00 AM

CONCURRENT SESSIONS: ORAL PRESENTATIONS

Real ID: Methods and Validation in Pregnancy *Room XV*

MODERATORS: Yanmin Zhu | Daniel C. Beachler

8:30 AM

**High Throughput Signal Identification of Drug Use in
Pregnancy for Detection of Adverse Infant Outcomes**
Judith C. Maro | Megan Wiley | David V. Cole | Inna Dashevsky
Celeste L.Y. Ewig | Katherine Haffenreffer | Earl J. Morris, IV
Elizabeth Siranosian | Nicole E. E. Smolinski | Thuy N. Thai
Yanning Wang | Yehua Wang | Audrey Wolfe
Elizabeth A. Suarez | Lauren E. Parlett
Cheryl N. McMahill-Walraven | Margaret Adgent
Sonja A. Rasmussen | Almut G. Winterstein, FISPE

8:45 AM

**Impact of Data Source Diversity on the Distribution
of Key Variables in Pregnancy Cohorts Based on the
ConcePTION Pregnancy Algorithm Leveraging a Random
Forest Imputation Model**

Anna Girardi | Giorgio Limoncella | Giulia Hyeraci
Giuseppe Roberto | Claudia C. Bartolini | Olga Paoletti
Davide Messina | Felipe Villalobos | Carlo Alberto Bissacco
Jesse M. van den Berg | Eline Houben | Katia Santacà
Valentina Ientile | Ylenia Ingrassiotta | Gianluca Trifirò, FISPE
Vjola Hoxhaj | Carlos E. Durán | Judit Riera-Arnau
Patricia Garcia | Mar Martín-Pérez | Consuelo Huerta-Alvarez
Ana Llorente-Garcia | Francisco Sánchez-Sáez
Gabriel Sanfélix-Gimeno | Clara L. Rodríguez-Bernal
Régis Lassalle | Jérémy Jové | Marie-Agnès Bernard
Nicolas H. Thurin | Sue Jordan | Daniel Thayer | Hywel T. Evans
Alex Coldea | Marco Manfrini | Marleen M.H.J. van Gelder
Saeed Hayati | Tania Schink | Michele Tari | Romin Pajouheshnia
Ana Sofia Afonso | Maryline Le Noan-Lainé
Ditte Mølgaard-Nielsen | Marianne Cunnington | Caitlin N. Dodd
Miriam C.J.M. Sturkenboom | Hedvig M.E Nordeng | Rosa Gini

9:00 AM

**Accounting for Twins and Other Multiple Births in
Perinatal Pharmacoepidemiological Studies Conducted
Using Healthcare Administration Data**

Jeremy P. Brown | Jennifer J. Yland | Paige Williams
Krista F. Huybrechts | Sonia Hernandez-Diaz

9:15 AM

**Healthy Live Births Should be Considered as Competing
Events in Studies of Medication Use During Pregnancy**
Chase D. Latour | Mark Kloose | Jessie Edwards | Zoey Song
Michele Jonsson Funk, FISPE | Mollie E. Wood



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Eileen E. Ming, MPH, ScD, FISPE



MAIN CONFERENCE Program Schedule

9:30 AM

Are You My Mother? A Validation of Clinical Practice Research Datalink (CPRD) Aurum Mother Baby Link

Catherine Vasilakis-Scaramozza | Rebecca Persson
George Kafatos | David E. Neasham
Katrina Wilcox Hagberg | Susan Jick

9:45 AM

Validation of Lactational Mastitis Diagnosis Codes in Electronic Health Care Data

Malini B. DeSilva | Elisabeth M. Seburg | Kirsten Ehresmann
Gabriela Vazquez-Benitez | Yihe G. Daida | Kimberly K. Vesco
Elyse O. Kharbanda | Kristin Palmsten

From Data to Diagnosis: Methods and Applications in Cancer Pharmacoeconomics

Convention Hall I D

MODERATORS: Sebastian Jugl | Matthew W. Reynolds, FISPE

8:30 AM

A Combined Machine Learning and Natural Language Processing Approach to Determine Metastatic Date Through Integrated Temporal Modeling

Vandana Priya | Urvashi Bhattacharyya | Sheenu Chandwani
Herman E. Ray | Srikanth Tankala | Jake Cohen | Vivek Vaidya

8:45 AM

Claims-Based Frailty Trajectories During Adjuvant Chemotherapy Predict Long-Term Mortality in Older Women with Stage I-III Breast Cancer

Emilie D. Duchesneau | Dae Hyun Kim | Til Stürmer
Qoua L. Her | Zhang Zhang | Alan C. Kinlaw | Zoey Song
Michele Jonsson Funk, FISPE | Jennifer L. Lund, FISPE

9:00 AM

Association Between Fine Particulate Matter Exposure During Breast Cancer Treatment And Mortality Among Older Women in the United States

Benjamin Bates | Rachel C. Nethery | Melanie Rua | Hari Iyer
Elisa Bandera | Soko Setoguchi

9:15 AM

Using External Validity Methods to Improve the Precision of Effect Estimates in Subgroups

Michael Andrew Webster-Clark | Alan R. Ellis
Alan C. Kinlaw | Robert W. Platt

9:30 AM

The Risk of Cardiovascular Disease in Postmenopausal Oestrogen Receptor-Positive Breast Cancer Patients Treated with Aromatase Inhibitors: A U.K. Population-Based Study

Lauren McVicker | Christopher Cardwell | Blanaid Hicks
Anton Pottegård | Úna McMenamin

9:45 AM

Time to Cystoscopy After Low- or High-Dose Aspirin Initiation: A Danish Nationwide Cohort Study

Malene Andersen | Mette Nørgaard
Jørgen Bjerggaard Jensen | Lars Dyrskjøt

Diabetes Drugs Are Good for the Heart – Room II

MODERATORS: Hemalkumar B. Mehta | Alexandra Z. Sosinsky

8:30 AM

Evaluating Concordance in Results from Database Studies and Randomized Trials After Aligning Distribution of Key Risk Factors for the Outcome of Interest

Phyo T. Htoo | Elisabetta Patorno
Sebastian Schneeweiss | Shirley V. Wang

8:45 AM

A Novel High Dimensional Approach to Assess Treatment Heterogeneity in Claims Data: Sodium-glucose Cotransporter-2 inhibitors (SGLT2i) vs Glucagon-like Peptide-1 Receptor Agonists (GLP1RA) on Hospitalized Heart Failure Risk

Tiansheng Wang | Virginia Pate | Richard Wyss | John Buse
Michael Kosorok | Til Stürmer

9:00 AM

The Risk of Cardiovascular (CV) Events After Initiation of SGLT2i, GLP-1RA, DPP4i, or SUs in Patients with T2D and Low-to-Moderate CV Risk

Helen Tesfaye | Julie M. Paik | Caroline Alix | Elyse C. DiCesare
Sara J. Cromer | Brendan M. Everett | Robert J. Glynn
Deborah J. Wexler | Elisabetta Patorno

9:15 AM

Initiation of SGLT2i Vs GLP1-RA and the Risk of Chronic Kidney Disease in Persons with Type 2 Diabetes Mellitus

Simon K. Jensen | Uffe Heide-Jørgensen | Ina T. Andersen
Reimar W. W. Thomsen | Christian Fynbo Christiansen

9:30 AM

Comparative Cardiovascular and Renal Effectiveness of Empagliflozin and Dapagliflozin: Scandinavian Cohort Study

Arvid Engström | Jonas Söderling | Anders Hviid
Björn Eliasson | Soffia Gudbjörnsdóttir | Viktor Wintzell
Kristian Hveem | Christian Jonasson | Mads Melbye
Björn Pasternak | Peter Ueda

9:45 AM

Head-to-Head Comparison of Dapagliflozin Vs Empagliflozin: Cardiovascular and Safety Events

HoJin Shin | Julie M. Paik | Brendan M. Everett | Robert J. Glynn
Deborah J. Wexler | Elisabetta Patorno

8:30 - 10 AM

LIGHTNING SESSION 3 – ROOM III

MODERATORS

Sandra Lopez Leon | Susane Perez-Gutthann, FISPE
Kourtney J. Davis | Daniela C. Moga, FISPE

8:30 AM

Use of Oral Hormonal Contraceptives: Recent Trends and Changes Associated with the U.S. Dobbs Decision

Dima Qato | Jenny Guadamuz
Andrew Shoostari | G. Caleb Alexander

8:35 AM

Trends in Induced Abortion and Out-of-State Travel before and After the Dobbs Vs Jackson Decision in the United States

Ilina Odouard | Jenny Guadamuz | Andrew Shoostari
G. Caleb Alexander | Dima Qato

8:40 AM

Trends in Mifepristone Dispensing in the United States: 2016-2023

Laura E. Dodge | Hannah Katcoff
Laura Yochum | Andrea Chomistek

8:45 AM

Evolution of Contraceptive Use in France from 2012 to 2022

Lorraine Poncet | Noémie Roland | Romain Fortuna
Rosemary Dray-Spira | Alain Weill | Mahmoud Zureik

9:00 AM

Identifying Novel Endpoints in Rare Disease Studies Using Real-World Evidence: A Regulatory Science Perspective

Julien E. Heidt | Reid D'Amico | Christina D. Mack, FISPE

9:05 AM

Commonly Used Approaches to Define at-Risk Exposure Window for a Drug(s) of Interest Used for Evaluating Safety Outcomes in Non-Interventional Post-Authorization Safety Studies: Findings from an Internal Landscape Analysis

Sampada Gandhi | Heather Ward | Joanne Wu

9:10 AM

Time Intervals Between Milestones of Studies Evaluating the Effectiveness of Risk Minimisation Measures Assessed by PRAC

Sharon C.M. Essink | Inge M. Zomerdijk | Thomas Goedecke
Sabine M.J.M. Straus | Helga Gardarsdóttir, FISPE
Marie L. De Bruin



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MAIN CONFERENCE

Program Schedule

9:15 AM

Revolutionising Regulatory Science with Natural Language Processing: A Case Study on Paediatric Investigation Plans
Saeed Shakibfar | Christine E. Hallgreen | Maurizio Sessa

9:30 AM

Validity of Pharmaceutical Claims Data for Determining Medication Exposure in Long-Term Care Facilities

Emma K. Pearce | Geraint Rogers | Lucy Carpenter
Maria C. Inacio | Gillian E. Caughey | Andrew Shoubridge
Lito Papanicolas | Janet K. Sluggett

9:35 AM

Assessment of Laboratory Data Quality in Real-World Data

Xinyue Liu | Tianchen Lyu | Xing He | Lihai Song
Edward Bortnichak | Jiang Bian

9:40 AM

From Theory to Practice: The Impact of the NICE Real-World Evidence Framework in Health Technology Assessment

Natalie Tikhonovsky | Nishit Dhanji
Benjamin D. Bray | Sreeram Ramagopalan

9:45 AM

Framework for the application of Pharmacoepidemiology and Real-World Data Analysis in Safety Signal Assessments

O'Mareen Spence | Heather Ecklund | Cailey Smith
Kieran J. Rothnie | Rachel Cohen | Diana Martins | Keele Wurst

Vaccine Effectiveness – Beyond COVID-19 Convention Hall I C

MODERATORS: Katsiaryna Bykov | Elizabeth J. Bell

8:30 AM

Hospitalization Risk Among Early Adopters of Respiratory Syncytial Virus Vaccines: A Machine Learning Approach

Michael J. Munsell | Mark Friedman
Joseph Menzin | Tiffany S. Siu Woodworth

8:45 AM

Real-World Effectiveness of Maternal Influenza Vaccination During Pregnancy on Risk of Infant Influenza During the First 6 Months of Life

Ousseny Zerbo | Holly Finertie | Romain Neugebauer
Kristin S. Goddard | Nicola P. Klein

9:00 AM

Impact of Pneumococcal Conjugate Vaccine 13 on Invasive Pneumococcal Diseases and Antibiotic Prescribing in the United Kingdom

Lydia E. Gamey | Carmel Hughes | Wallis Lau | Boqing Chen
Konstantinos Karampatsas | Yingfen Hsia

9:15 AM

Effectiveness of Recombinant Herpes Zoster Vaccine by Immune Status and Prior Receipt of Live Zoster Vaccine in Medicare Enrollees, 2018-2019

Jonathan Fix | Nadja A. Vielot | Michele Jonsson Funk, FISPE
Til Stürmer | David Weber | Sylvia Becker-Dreps
Jennifer L. Lund, FISPE

9:30 AM

Antibiotic Exposure and Inactivated Influenza Vaccine Effectiveness

Daniel B. Horton | Abner Nyandege | Edward Nonnenmache
Jason A. Roy | Kirk Benack | Saira Jan | Soko Setoguchi
Tobias Gerhard | Brian L. Strom

9:45 AM

Effectiveness and Safety of the MVA-BN Vaccine Against Mpxv in At-Risk Individuals in the United States (USMVAc)

Soowoo Back | Bethany Knox | Luca Giraldi | Ciara D. Coakley
Nicolas Deltour | Emmanuelle Jacquot | Hanaya Raad
Lorna Leal | Catherine Cohet | Elizabeth M. Garry

Time-travelling Trends – Room IV

MODERATORS: Claudia Bruno | Christos Kontogiorgis

8:30 AM

DARWIN EU® – Drug Utilisation Study of Medicines with Prokinetic Properties in Children and Adults Diagnosed with Gastroparesis

Dina Vojinovic | Johnmary T. Arinze | Antonella Delmestri
James Brash | Sarah Seager | Guillaume Verdy
Núria Mercadé-Besora | Talita Duarte-Salles | Mees Mosseveld
Miguel Mayer | Katia M.C. Verhamme

8:45 AM

Inhaler Utilization Patterns Among Medicare Beneficiaries (2008-2020): Towards Sustainable Prescribing Practices in the U.S.

Ashwaghosha Parthasarathi | Catherine Chen | Poonam Gandhi
Mary Bridgeman | Amy Li | Isao Iwata
Padukudru Anand Mahesh | Soko Setoguchi

9:00 AM

Trends in the Cost and Utilization of Publicly Dispensed Respiratory Inhalers in Ontario, Canada: A Repeated Cross-Sectional Study

Ria Garg | Tianru Wang | Mina Tadrous
Tony Antoniou | Tara Gomes

9:15 AM

Polypharmacy Among Adolescents and Young Adults Newly Initiating Anti-Anxiety and Anti-Depressive Medications

Djeneba Audrey Djibo | Jonathan Deshazo
Cheryl N. McMahill-Walraven

9:30 AM

Utilization Trends of Antiretroviral Therapy in Manitoba, Canada: A Population-Based Study Between 2007 and 2022

Laila Aboulatta | Georgia Booth | Lara Haidar | Basem Elmatary
Qier Tan | Sherif Eltonsy

9:45 AM

Prescription Medication Use During Pregnancy in France Between 2010 and 2022: A Nationwide Study

Sara Miranda | Philippe Herlemont | Jérôme Drouin
Alain Weill | Rosemary Dray-Spira

Beyond Borders: Health Disparities in the U.S. and Europe – Auditorium

MODERATORS: Lina Titievsky | Taichi Ochi

8:30 AM

Characteristics of Glucagon-like Peptide-1 (GLP-1) Receptor Agonists Users Without a Diabetes Diagnosis Recorded in the Swedish National Diabetes Register

Laura Pazzagli | Ylva Trolle Lagerros

8:45 AM

Unravelling Sex Disparities in Statin Dose Titration Patterns in Primary Care

Pauline Kiss | Alicia Ujil | Tessa Duk | Diederick E. Grobbee
Monika Hollander | Elisabeth Smits
Miriam C.J.M. Sturkenboom | Sanne Peters

9:00 AM

Is Low Socioeconomic Position Associated with Mortality Among Mechanically Ventilated Patients in Denmark?

Noelle M. Cocoros | Erzsébet Horváth-Puhó
Lise S. Skovgaard Svingel | Henrik Toft Sørensen

9:15 AM

A Novel Approach for Estimating Prevalence and Incidence for 100+ Health Conditions by Race/Ethnicity and County in the United States

Assaf P. Oron | Parkes Kendrick | Kate W. Gillespie | Jiali Lei
Charles Jonscher | Greg A. Roth | Eliseo J. Perez-Stable
George A. Mensah | Ali Mokdad | Laura Dwyer-Lindgren

9:30 AM

An Evaluation of Race and Ethnicity-Based Representation Among Participants in Phase III Clinical Trials for Multiple Myeloma

Tianyi Wang | Dinorah J. Villanueva | Dina Gifkins

9:45 AM

Racial, Ethnic, and Socioeconomic Disparities in P2Y12 Inhibitor Prescribing Following PCI in Medicare Beneficiaries

Sophie Wei | Mahmoud Ajaj | Allison Nguyen | Kim M. O'Malley
Farzin Khosrow-Khavar | Chintan Dave

10:00 - 10:30 AM

BREAK / POSTERS / EXHIBITS
CONVENTION HALL II

10:30 AM - 12:00 PM

CONCURRENT SESSIONS
SYMPOSIA & WORKSHOPS

Risk Minimization Programs for Teratogenic Drugs: How to Move from Art to Science – Auditorium

Almut G. Winterstein | Amir Sarayani | Priya Bahri
Meredith Y. Smith, FISPE | Gita A. Toyserkani

Target Trial Emulation with Real World Evidence: Regulatory Grade Pharmacoepidemiology in the SIGMA Consortium – Convention Hall I C

Ulrike Haug | Juan Jose Abellan | Vera Ehrenstein
Buket Öztürk Esen | Vanessa Didelez | Wiebke Schäfer
Jonas Reinold | David Martinez | Xabier Garcia de Albeniz Martinez
Rosa Gini | Oisín Ryan | Jessica C. Young

Using Generative AI to More Efficiently Conduct Systematic Reviews, Solve Coding Problems, and Communicate Research Findings: A Student-Led Workshop – Convention Hall I D

Michele Jonsson Funk, FISPE | Jeanny H. Wang
Clement Acheampong | Bria Carmichael | Catherine Wiener

Data Mining for Drug-Drug Interactions and More – Room II

Katsiaryna Bykov | Joshua J. Gagne, FISPE
Macarius M. Donneyong | Todd A. Miano

Developing a Roadmap for Foundational Training Courses in Pharmacoepidemiology: A Core Competencies-Based Approach – Room III

Daniela C. Moga, FISPE | Kristian B. Filion | Chioma S. Ejekam
Amie Goodin | Anton Pottegård

Back to the Source: A Review of the Current State of Social Determinants of Health in European and US Real World Data Sources – Room IV

Isha Mehta | Andrea F. Marcus | Syd Phillips
Enriqueta Vallejo-Yagüe | Taichi Ochi | Tamar Lasky
Elizabeth Russell | Eileen Dareng
Denise Umuhire | Patrice Verpillat

Orchestrating the Data Symphony: Harmoniously Combining Diverse Datasets in External Control Arm Studies in Oncology – Room XV

Olivier Humblet | Nicolle M. Gatto | Patrice Verpillat
Uwe Siebert | Christian Hampf

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12:00 - 1:30 PM

LUNCH – CONVENTION HALL II

12:00 - 1:30 PM

POSTER SESSION C
CONVENTION HALL II

12:00 - 1:30 PM

ISPE BOARD OF DIRECTORS' LUNCH
ROOM I, 1ST FLOOR

Open to all ISPE members; please contact info@pharmacoepi.org if you are interested in attending this meeting.

12:15 - 1:15 PM

SPOTLIGHT POSTER SESSION C
FOYER III

Adherence

ASPEN

Biologics

BRACE

Cancer

Cell & Gene Therapy

Comparative Effectiveness Research

1:30 - 3:00 PM

CONCURRENT SESSIONS:
ORAL PRESENTATIONS

Pediatric Pharmacoepi: Drugs and Bugs Among Us!
Room XV

MODERATORS: Sudha R.R. Raman | Timothy Savage

1:30 PM

Psychotropic Medication Use Before, During, and After the Covid-19 Pandemic in Danish Children, Adolescents, and Young Adults – An Interrupted Time Series

Helene Kildegaard | Rikke Wesselhoeft | Mette Bliddal

1:45 PM

Changes in Psychotropic Medication Prescribing for Children and Adolescents in France Following the COVID-19 Pandemic

Zaba Valtuille | Eric Aquaviva | Vincent Trebossen
Naim Ouldali | Aurelie Bourmaud | Stephane Sclison
Alexandre Gomez | Alexis Revet | Hugo Peyre
Richard Delorme | Florentia Kaguelidou

2:00 PM

Oseltamivir and Risk of Serious Neuropsychiatric Events

James W. Antoon | Derek J. Williams | Jean Bruce
Mert Sekmen | Yuwei Zhu | Carlos G. Grijalva

2:15 PM

Real-World Outcomes: Lung Clearance Index Improvements in Danish Children with Cystic Fibrosis Treated with Elexacaftor/Tezacaftor/Ivacaftor

Esben Herborg Henriksen | Rikke Mulvad Sandvik
Daniel Faurholt-Jepsen | Mette F. Olsen | Tacjana Pressler
Thomas Bryrup | Frederik F. Buchvald | Inger H.M. Mathiesen
Tavs Qvist | Hanne V. Olesen | Hanne L.M. Rubak
Hanne L.M. Skov | Camilla Bjørn Jensen | Kim Gjerum Nielsen

2:30 PM

The Association Between Oral Antibiotic Use and Asthma Exacerbation in Children Seen in an Ambulatory Care Setting

Carmen Canete Ramirez | Ana C. Blanchard | Amélie Forget
Marie-Élaine Métras | Tibor Schuster
Lucie Blais | Cristina Longo

2:45 PM

Leftover of Amoxicillin Suspension After Use by Children in the Netherlands

Milad Sadreghaemy | Magdalena Gamba
Lourens T. Bloem | Toine Egberts

Treatment Patterns and Effectiveness and Safety of Anticoagulant Therapy – Room IV

MODERATORS: Tianze Jiao | Fawaz Alharbi

1:30 PM

Comparative Bleeding Risks among NOAC Users for Nonvalvular Atrial Fibrillation Aged <65 Years in the Sentinel System

Marie C. Bradley | Andrew L. Simon | Joy Kolonoski
David J. Graham | Rongmei Zhang | John G. Connolly

1:45 PM

Comparative Effectiveness and Safety of Dual Antiplatelet Therapy with Ticagrelor vs. Clopidogrel in Older Adults with Acute Coronary Syndrome: A Population-Based Study Using the Target Trial Framework

Carole Anna Marxer | Paul Hjemdahl | Tomas Jernberg
Juan J. Carrero | Edouard L. Fu

2:00 PM

Switching from Warfarin to Direct Oral Anticoagulants in Older Adults with Atrial Fibrillation: A U.S. Nationwide Cohort Study

Kueiyu Joshua Lin | Daniel E. Singer | Darae Ko | Yichi Zhang
Alexander Cervone | Julianna Mastroianni | Dae Hyun Kim

2:15 PM

Comparative Effectiveness and Safety of Extended Treatment Vs Discontinuation of Oral Anticoagulants in Patients with Venous Thromboembolism

Kueiyu Joshua Lin | Dae Hyun Kim | Daniel E. Singer
Yichi Zhang | Alexander Cervone | Katsiaryna Bykov

2:30 PM

Withholding of Oral Anticoagulants in Patients with Dementia and Atrial Fibrillation by Frailty Status

Kueiyu Joshua Lin | Daniel E. Singer | Darae Ko | Yichi Zhang
Alexander Cervone | Dae Hyun Kim

2:45 PM

Effectiveness and Safety of Oral Anticoagulants Among Patients with Atrial Fibrillation and Advanced Kidney Disease

Qiaoxi Chen | Daniel E. Singer | Edouard L. Fu | Chun-Ting Yang
Kevin Pritchard | Rishi J. Desai | Kueiyu Joshua Lin

MAIN CONFERENCE

Program Schedule

Surprising Benefits of Diabetes Drugs – Room II

MODERATORS: Phyo T. Htoo | Antonios Douros

1:30 PM

Association Between Metformin Use and Psychiatric Disorders in Patients with Diabetes

Daniel Hsiang-Te Tsai | Albert Tzu-Ming Chuang
Edward Chia-Cheng Lai

1:45 PM

Effectiveness of Metformin in Preventing Asthma Exacerbations: A Self-Controlled Case Series and Inverse Propensity Score Weighting Analysis

Bohee Lee | Ernie Wong | Tricia Tan | Chloe Bloom

2:00 PM

Using High Dimensional Iterative Causal Forest (hdiCF) to Identify Subgroups with Heterogeneous Treatment Effects: Glucagon-like Peptide 1 Receptor Agonists (GLP1RA) Vs Sulfonylurea (SU) on Asthma Exacerbations

Tiansheng Wang | Virginia Pate | Richard Wyss | John Buse
Michael Kosorok | Til Stürmer

2:15 PM

Risk of Hepatic Events Associated with Use of SGLT-2 Inhibitors Versus GLP-1RA, and Thiazolidinedione Among Patients with Non-Alcoholic Fatty Liver Disease and Type 2 Diabetes

Hwa Yeon Ko | Sungho Bea | Young Min Cho
Jae Hyun Bae | Yoosoo Chang | Seungho Ryu
Christopher D. Byrne | Ju-Young Shin

2:30 PM

Risk of Kidney Stones Following SGLT2i- and GLP1-RA Initiation Among Patients with Type 2 Diabetes in Denmark, Norway, U.K., and Taiwan: Population-Based Active Comparator, New User Cohort Studies and Meta-Analysis

Lars Christian Lund | Shahab Abtahi | Hanne L. Løvdal Gulseth
Miyuki Hsing-Chun Hsieh | Paz Lopez-Doriga Ruiz
Patrick C. Souverein | Adrian Martinez de la Torre
Andrea Michelle Burden | Øystein Karlstad | Olaf H. Klungel
Edward Chia-Cheng Lai | Anton Pottegård

2:45 PM

Effect Modification by Hydroxychloroquine on the Nephrolithiasis Preventive Effect of SGLT2 Inhibitors

Miyuki Hsing-Chun Hsieh | Chan-Jung Liu
Edward Chia-Cheng Lai

A Methods Mischung – Auditorium

MODERATORS: Eelko Hak | Michele Jonsson Funk, FISPE

1:30 PM

Catalyzing International Harmonization of Real-World Evidence Standards

Maryam Nafie | Rachele Hendricks-Sturup | Valerie Parker

1:45 PM

Adaptive Approaches for Observational Studies: Methods for Pre-specifying Phased Diagnostics and Contingencies

Andrew R. Weckstein | Vera Frajzyngier | Sarah Vittoe
Aidan Baglivo | Elisha Beebe | Priya Govil | Marie C. Bradley
Silvia Perez-Vilar | Wei Liu | Donna R. Rivera | Aloka Chakravarty
Tamar Lasky | Elizabeth M. Garry | Nicolle M. Gatto

2:00 PM

Extending Randomized Trial Estimates to Different Target Populations: An Application to a Nested Trial Comparing Anticoagulant Regimens for Percutaneous Coronary Intervention

Jessica C. Young | Issa J. J. Dahabreh | David Erlinge
Stefan James | Ole Frøbert | Anita Berglund | Miguel A. Hernán
Anthony A. Matthews | Rebecca Rylance

2:15 PM

Improvements of Machine Learning Predictions of Overall Survival After Multiple Imputations for Features Regardless of Their Missing Degrees

HOA LE | Yoko Tanaka | Stas Zakharkin

2:30 PM

Finding the (Many) Missing Cases of Chronic Disease Using Linkage: An Illustration from Arthritis Research

Belay Birlie Yimer | Jenny Humphreys | Meghna Jani
John McBeth | William G. Dixon

2:45 PM

Incorporating Real-World Data and Mathematical Modelling to Estimate the Undiagnosed Chronic Hepatitis C Population

William W.L. Wong | Zeny Feng



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Mei Sheng Duh, Sc.D., M.P.H.

Managing Principal and Chief Epidemiologist
mei.duh@analysisgroup.com

Maral DerSarkissian, Ph.D.

Managing Principal
maral.dersarkissian@analysisgroup.com

Marianne Cunningham, Ph.D., M.Phil.

Vice President
marianne.cunnington@analysisgroup.com

MAIN CONFERENCE

Program Schedule

Vaccine Safety Potpourri – Convention Hall I C

MODERATORS: Wilhelmine Meeraus | Deborah Layton, FISPE

1:30 PM

Risk of Neurologic or Immune-Mediated Adverse Events After COVID-19 Diagnosis in the United States

J. Bradley Layton, FISPE | Stella G. Muthuri | Arnstein Lindaas
Patricia C. Lloyd | Morgan M. Richey | Joann F. Gruber
Tainya C. Clarke | Lisa Kowarski | Mollie McKillop | Shelby Fisher
Hai Lyu | Angela Cheng | Christine L. Bui | Pablo Freyria Duenas
Yangping Chen | Richard A. Forshee | Steven A. Anderson
Jeffrey B. Beers | Timothy Burrell | Yoganand Chillarige
Mary S. Anthony | Azadeh Shoaibi

1:45 PM

Case Series Analysis of Thromboembolic Events (Arterial and Venous) in Vaccinees Following AZD1222 (ChAdOx1 nCoV-19): Results from a U.K. Post-Authorisation Active Surveillance Study

Miranda Davies | Sandeep Dhanda | Alison Evans
Debabrata Roy | Saad Shakir

2:00 PM

Assessing the Impact of Data Diversity on Background Incidence Rates of Adverse Events of Special Interest: The Component Strategy from the COVID-19 Vaccine Monitoring Project

Giuseppe Roberto | Davide Messina | Carlos E. Durán
Judit Riera-Arnau | Patricia Garcia | Mar Martín-Pérez
Olga Paoletti | Carlo Alberto Bissacco | Felipe Villalobos
Juan José Carreras | Ainara Mira | Patrick C. Souverein
Fabio Riefolo | Olaf H. Klunzel
Miriam C.J.M. Sturkenboom | Rosa Gini

2:15 PM

The Masking Phenomenon: Evaluating COVID-19 Vaccine Reports and Their Impact on AE Reporting in KAERS

Suvin Park | Na-Young Jeong | Hui-Eon Lee | Hee-Jin Kim
Eunsun Lim | Nam-Kyong Choi

2:30 PM

Estimating the Risk of Transient Ischemic Attacks and Non-Hemorrhagic Stroke Following Spikevax Bivalent Compared to Influenza Vaccination in the U.S.

Christopher Bush | Neloufar Rahai | John Kroner | Brian Conroy
Katherine E. Mues | Priyadarshani Dharia
Lei Zhu | Daina B. Esposito

2:45 PM

Intussusception Risk After Rotavirus Vaccination in Korean Infants

Haerin Cho | Na-Young Jeong | Hee-Jin Kim | Nam-Kyong Choi

Mental Health: Treatment Comparative Effectiveness, Dose, Discontinuation, Use and Trends – Room III

MODERATORS: Greta A. Bushnell | Kenneth K.C. Man

1:30 PM

Treatment Strategies and Their Comparative Effectiveness in Relapse Prevention After the First Relapse in Persons with First-Episode Schizophrenia

Heidi Taipale | Antti Tanskanen | Jari Tiihonen

1:45 PM

Comparative Effectiveness of Second-Line ADHD Medications Using Real-World Data: Emulation of a Target Trial

Le Zhang | Nanbo Zhu | Ralf Kuja-Halkola | Brian M. D'Onofrio
Isabell Brikell | Paul Lichtenstein | Henrik Larsson | Zheng Chang

2:00 PM

ADHD Pharmacotherapy and Mortality in Individuals with ADHD: A Target Trial Emulation Study with Observational Data

Zheng Chang

2:15 PM

Medications to Treat Insomnia in Children and Adolescents (2016-2023) in France: A Time Series Analysis of Trends

Zaba Valtuille | Eric Aquaviva | Vincent Trebossen
Naim Ouldali | Aurelie Bourmaud | Stephane Sclison
Alexandre Gomez | Alexis Revet | Hugo Peyre
Richard Delorme | Florentia Kaguelidou

2:30 PM

Antipsychotic Dose Patterns in People with Severe Mental Illness: A Population-Based Study Using Primary Care Data

Juan Carlos J.C. Bazo-Alvarez | Irene Petersen

2:45 PM

Pattern and Barriers of Benzodiazepine Discontinuation Among Older Adults Following Hospitalization

Chun-Ting Yang | James Wilkins | Kevin Pritchard | Qiaoxi Chen
Yichi Zhang | Dae Hyun Kim | Kueiyu Joshua Lin

MAIN CONFERENCE

Program Schedule

COVID-19: Now and Later – Convention Hall I D

MODERATORS: Nicholas H. Thurin | Dorothee B. Bartels

1:30 PM

COVID-19 Outcomes and Vaccinations in Swedish Solid Organ Transplant Recipients 2020-2021: A Nationwide Multi-Register Comparative Cohort Study

Huiqi Li | John Søfteland | Jesper Magnusson | Vanda Friman
Magnus Gisslén | Marie Felldin | Andreas Schult
Kristjan Karason | Seema Baid-Agrawal
Carin Wallquist | Fredrik Nyberg

1:45 PM

Evaluating the Impact of Data Standardization on Administrative Healthcare Data Among Patients with COVID-19 Diagnosed in Outpatient Settings

Elizabeth M. Garry | Aidan Baglivo | Priya Govil
Jennifer L. Duryea | Ayad K. Ali | Wei Liu | Tamar Lasky
Aloka Chakravarty | Marie C. Bradley

2:00 PM

Post-Acute Mortality Following COVID-19 Infection Compared to Matched Test-Negative People in England: Findings from the ECHOES National Surveillance System

Hester Allen | Katie Hassell | Orla Presslie | Francesca Bell
Martí Català | Annika M. Jödicke | Albert Prats-Urbe
Gavin Dabrera | Daniel Prieto-Alhambra | Ines Campos-Matos

2:15 PM

DARWIN EU® – Risk of Thromboembolic Events Associated With COVID-19 During the Omicron Period, and SARS-CoV-2 Vaccination

Martí Català | Annika M. Jödicke | Katia M.C. Verhamme
Mees Mosseveld | James Brash | Sarah Seager
Laura Pérez-Crespo | Núria Mercadé-Besora | Talita Duarte-Salles
Marek Oja | Edward Burn | Albert Prats-Urbe
Daniel Prieto-Alhambra | Raivo Kolde | Xintong Li

2:30 PM

GP Consultations for Menstrual Disorders After COVID-19 Vaccination – A Self-Controlled Cohort Study Based on Routine Healthcare Data from the Netherlands

Florence P.A.M van Hunsel | Rana Jajou | Thomas Lieber
Eugene P. Van Puijenbroek | Erik Mulder | Jetty A. Overbeek
Karin Hek | Agnes Kant

2:45 PM

Risk of Cardiovascular Adverse Events After COVID-19 Diagnosis in the United States

J. Bradley Layton, FISPE | Arnstein Lindaas | Stella G. Muthuri
Patricia C. Lloyd | Morgan M. Richey | Joann F. Gruber
Tainya C. Clarke | Lisa Kowarski | Mollie McKillop | Shelby Fisher
Hai Lyu | Angela Cheng | Christine L. Bui | Pablo Freyria Duenas
Yangping Chen | Jeffrey B. Beers | Richard A. Forshee
Steven A. Anderson | Timothy Burrell | Yoganand Chillarige
Mary S. Anthony | Azadeh Shoaibi

3:00 - 3:15 PM

BREAK

3:15 - 4:45 PM

HOT TOPIC SESSION

Should Confounding Control be Based on Subject-Matter Knowledge, or Driven by the Data? A Debate – Convention Hall I A/B

Confounding is a great challenge in pharmacoepidemiology. Confounding may be present in observational studies of any type if a predictor of the outcome is imbalanced across the exposure groups, a situation often seen when treatment allocation is not random but driven by clinical decisions. There are multiple strategies to deal with confounding. In this session, two teams of two experts each will present their best knowledge on whether confounding should be addressed from a subject matter perspective or from a data-driven one. The teams will present arguments and rebuttals, and the audience will have the opportunity to ask questions and interact.

SPEAKERS:

Alejandro Arana
RTI Health Solutions

Vera Ehrenstein, MPH, DSc
Department of Clinical Epidemiology,
Aarhus University and Aarhus University Hospital

Yuchen Guo, PhD
University of Oxford

Patrick B. Ryan, PhD
Johnson and Johnson Innovative Medicine

4:45 - 5:30 PM

THE FINAL WORD CONVENTION HALL I A/B

40th ISPE Awards

Andrea V. Margulis, FISPE
Chair, ISPE 2024 Scientific Program Committee

FUTURE MEETINGS

ISPE's 16th Asian Conference on
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Washington, DC, USA | August 22-26, 2025

Jodi Segal
Program Chair

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OVERVIEW

Poster sessions are intended to give presenters an opportunity to discuss informally their research with colleagues interested in their research. The purpose of the posters is to visually stimulate interest in the research, to present sufficient information for viewers to understand the methods, results, and significance of the research, and to promote conversations and networking among conference participants.

Neither ISPE nor the Estrel Congress Center will be responsible for any material left on display overnight or is lost or damaged.

POSTER SESSIONS EXPLAINED

The Spotlight Posters are hosted in Foyer 3, and the General posters sessions are in Convention Hall II. Each day is allocated a session and schedules at the following times:

- Session A: Monday, August 26 | 8:00 AM - 6:00 PM
- Session B: Tuesday, August 27 | 8:00 AM - 6:00 PM
- Session C: Wednesday, August 28 | 8:00 AM - 1:30 PM

SETUP/TAKE DOWN

7:00-8:00am; all posters must be in place by 8:00am. The poster area must be cleared of tubes, obstacles, trip hazards, and other materials.

All posters for a specific day's session must be removed at the end the session, by 6:30 pm on Monday and Tuesday, and by 2:00 pm on Wednesday. Posters not removed by these times will be assumed to be abandoned and will be discarded.

DISCUSSION TIME

General Session

Presenting Authors must be at their posters at the following times for discussion:

- Monday – Session A: 12:00 - 1:30 pm
- Tuesday – Session B: 11:30 am - 1:00 pm
- Wednesday – Session C: 12:00 - 1:30 pm

Spotlight Poster

Presenting Authors must be at their posters at the following times for discussion:

- Monday – Session A: 12:15 - 1:15 pm
- Tuesday – Session B: 11:45 am - 12:45 pm
- Wednesday – Session C: 12:15 - 1:15 pm

Spotlight Sessions

Organized by ISPE Special Interest Groups (SIGs). Spotlight sessions showcase select posters and give presenters the opportunity to share and discuss their work with an audience. When the spotlight session chair and audience stop at your poster, please give a brief, 3-minute, presentation and be prepared to answer questions about your research.

Spotlight posters are organized in the following topic areas:

Monday – Session A

- Databases | Digital Epidemiology
- Drug Utilization Research | Drug-Drug Interaction
- Environmental Pharmacoepidemiology | Geriatrics

Tuesday – Session B

- Health Equity | Medical Devices
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A group of judges will select the best posters of each Spotlight Session. The best presenters will receive an invitation to display their posters for the duration of the conference. The winners will be announced at The Final Word session on Wednesday, August 28.

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- Identification of Maternal Characteristics, Pregnancy Characteristics and Pregnancy Outcomes through Linked Maternal and Infant Databases in Brazil
- Pregnancy Outcomes and Maternal Morbidity Using Administrative Claims Data in the US
- Using Claims and Electronic Health Records for Pregnancy Safety Studies: A Targeted Review of Validated Algorithms
- Switching and continuation patterns of consecutive IUD users - results from a large observational, real-world study in Europe
- Does an additional gold or silver alloy provide any benefit over copper-only intrauterine devices? Insights from the EURAS-LCS12 study

For more information, contact: michael.fronstin@oracle.com

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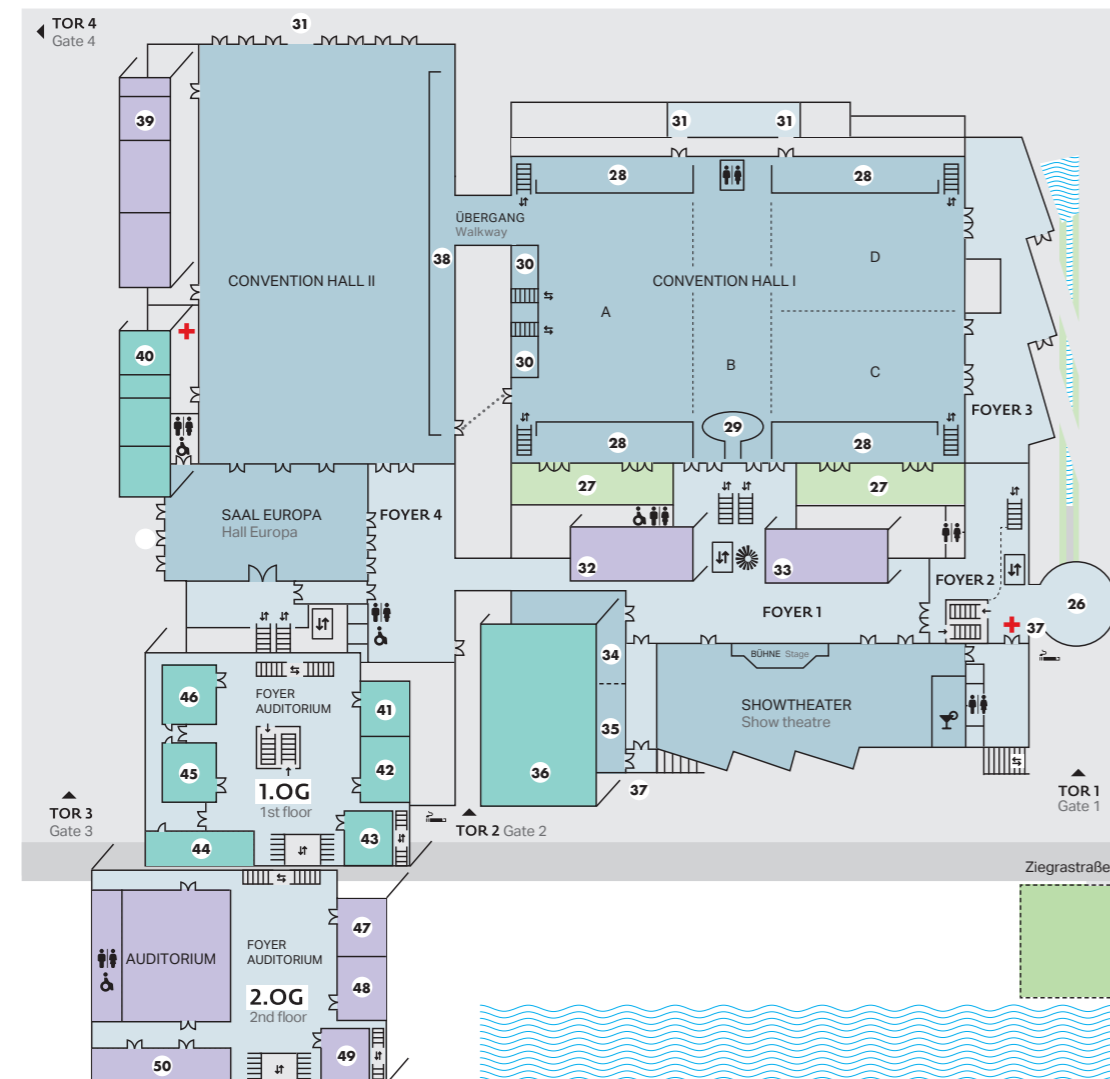


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Estrel Congress Center Floor Plan

Estrel Hotel Floor Plan

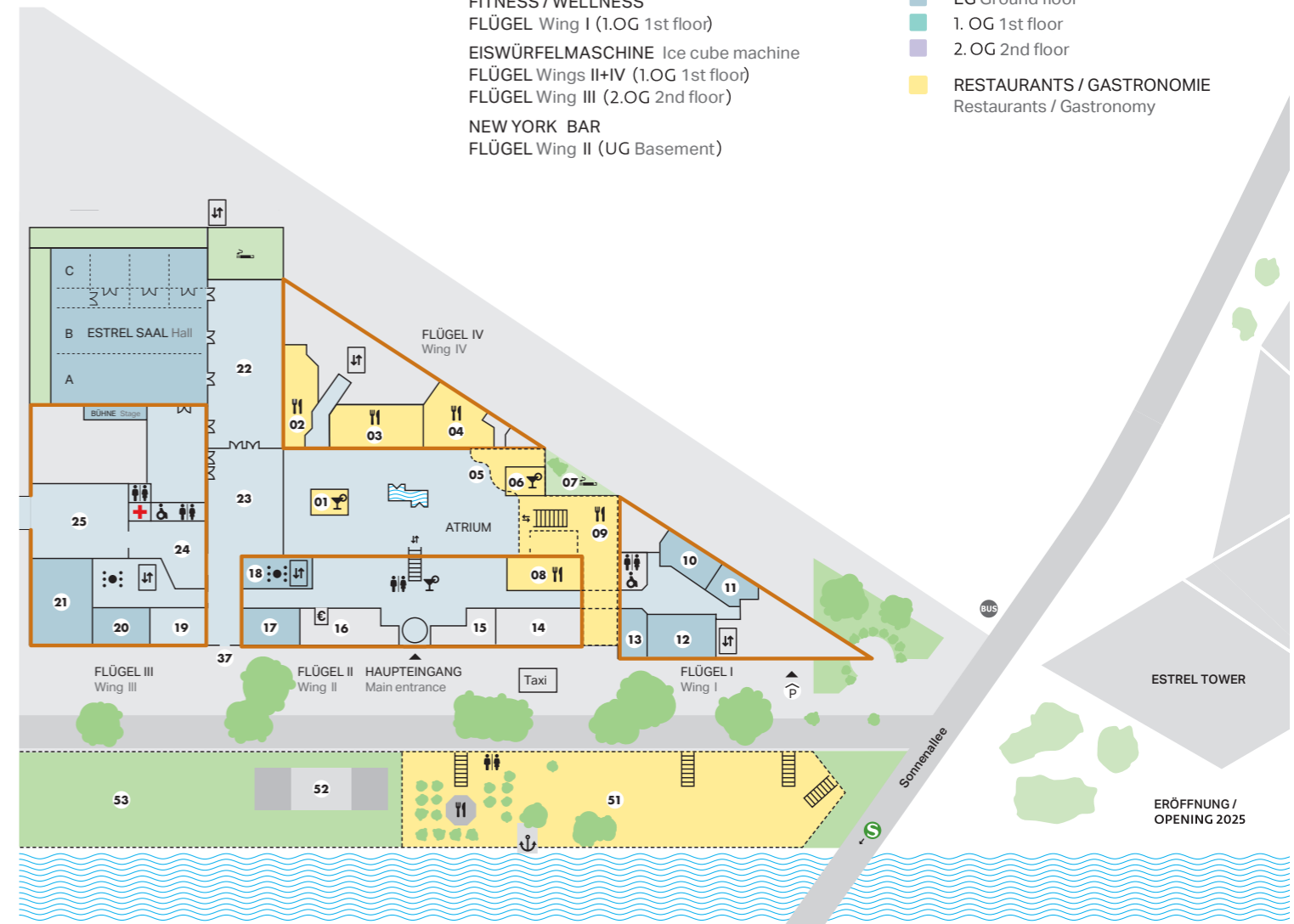
- 26 ROTUNDE Rotunda
 - 27 INNENHOF Inner courtyard
 - 28 GALERIE CONVENTION HALL I
Gallery Convention Hall I
 - 29 VIP GALERIE VIP gallery
 - 30 KÜNSTLERGARDEROBEN (MEHRSTÖCKIG)
Artist dressing room (multistory)
 - 31 ZULIEFERZONE CONGRESS CENTER
Delivery zone Congress Center
 - 32 RAUM Room V (2.OG 2nd floor)
 - 33 RAUM Room IV (2.OG 2nd floor)
 - 34 RAUM Room III
 - 35 RAUM Room II
 - 36 RAUM Room I (1.OG 1st floor)
 - 37 NEBENEINGANG
Side entrance
 - 38 GALERIE CONVENTION HALL II
Gallery Convention Hall II
 - 39 BACKSTAGE RÄUME 1-4
Backstage rooms 1-4 (2.OG 2nd floor)
 - 40 LOUNGE RÄUME 1-3
Lounge rooms 1-3 (1.OG 1st floor)
- AUDITORIUM (1.- 3.OG 1st floor-3rd floor)
- 41 RAUM Room VI (1.OG 1st floor)
 - 42 RAUM Room VII (1.OG 1st floor)
 - 43 RAUM Room VIII (1.OG 1st floor)
 - 44 RAUM Room IX (1.OG 1st floor)
 - 45 RAUM Room X (1.OG 1st floor)
 - 46 RAUM Room XI (1.OG 1st floor)
 - 47 RAUM Room XII (2.OG 2nd floor)
 - 48 RAUM Room XIII (2.OG 2nd floor)
 - 49 RAUM Room XIV (2.OG 2nd floor)
 - 50 RAUM Room XV (2.OG 2nd floor)
- 51 WATERFRONT / SCHIFFSANLEGER Landing pier
 - 52 PAVILLON FILTERED RAYS
 - 53 OUTDOOR AREA



- 01 ATRIUMBAR I
- 02 ESTREL PRIVÉE Private dining room
- 03 PORTOFINO - ITALIENISCHES RESTAURANT
Portofino - Italian restaurant
- 04 GRILL - STEAKHOUSE
- 05 CO-WORKING SPACE
- 06 ATRIUMBAR II
- 07 AUSSENTERRASSE
Outdoor terrace
- 08 ESTREL STUBE - DEUTSCHE KÜCHE
Estrel Stube - German cuisine
- 09 LA TERRASSE (1.OG 1st floor)
- 10 KONFERENZRAUM NIZZA
Conference room Nizza
- 11 KONFERENZRAUM CANNES
Conference room Cannes
- 12 KONFERENZRAUM ANTIBES
Conference room Antibes
- 13 KONFERENZRAUM SAINT TROPEZ
Conference room Saint Tropez
- 14 GEPÄCKRAUM Luggage room
- 15 REZEPTION Reception
- 16 CONCIERGE / HOTEL SHOP /
TICKETCOUNTER / CONGRESS-SERVICE
- 17 KONFERENZRAUM STRASSBURG
Conference room Strassburg
- 18 KONFERENZRAUM PASSAGE OFFICE
Conference room Passage Office
- 19 KLEINE GALERIE Small gallery
- 20 KONFERENZRAUM LYON
Conference room Lyon
- 21 KONFERENZRAUM PARIS
Conference room Paris
- 22 FOYER ESTREL SAAL Estrel Hall
- 23 PASSAGE ESTREL SAAL Passage Estrel Hall
- 24 GROSSE GALERIE Large gallery
- 25 ZUGANG ROTUNDE Passage to Rotunda

- WEITERHIN FINDEN SIE In addition you find
- FITNESS / WELLNESS
 - FLÜGEL Wing I (1.OG 1st floor)
 - EISWÜRFELMASCHINE Ice cube machine
 - FLÜGEL Wings II+IV (1.OG 1st floor)
 - FLÜGEL Wing III (2.OG 2nd floor)
 - NEW YORK BAR
 - FLÜGEL Wing II (UG Basement)

- TOILETTEN Restrooms
- RESTAURANTS / GASTRONOMIE
Restaurants / Gastronomy
- BAR
- AUFZUG Lift
- WENDELTRASSE
Spiral staircase
- RAUCHERBEREICH
Smokers area
- GELDAUTOMAT ATM
- ERSTE HILFE First aid
- ZUGANG WEITERE MEETINGRÄUME
Access to additional Meeting rooms
- SCHIFFSANLEGER Landing pier
- HOTEL FLÜGEL I - IV Hotel wings I - IV
- KONFERENZBEREICH Conference area
- EG Ground floor
- 1. OG 1st floor
- 2. OG 2nd floor
- RESTAURANTS / GASTRONOMIE
Restaurants / Gastronomy





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