



RUTGERS HEALTH

Center for Pharmacoepidemiology and Treatment Science

Institute for Health, Health Care Policy and Aging Research

Unlocking the Power of
Pharmacoepidemiology
to Improve Patient Health

 **ispe** International Society
for Pharmacoepidemiology
42ND ANNUAL MEETING

August 29 - September 2, 2026
Allianz Milan Convention Center
Milan, Italy



The Rutgers Center for Pharmacoepidemiology and Treatment Sciences (PETS) leads, performs, and facilitates innovative, multidisciplinary science related to the use, safety, and effectiveness of medical products (i.e., drugs, biologics, devices, vaccines) and medical interventions in populations. Our vision is to improve the health of populations by producing actionable evidence on the need, use, safety, and effectiveness of interventions and medical products.

PETS is uniquely positioned to take advantage of the opportunities created by the breadth and scale of Rutgers Biomedical and Health Sciences (RBHS) - one of America's largest, most comprehensive university-based centers for studying and improving human health and health care.

AUG. 29 - SEPT. 2, 2026

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29 SATURDAY

9:00am-12:30pm <i>Course; Space 3 Level 0</i>	Principles of Pharmacoepidemiology	Tobias Gerhard , Daniela C. Moga, Tania Schnik
9:00am-12:30pm <i>Course; Space 2, Level 0</i>	Practical Skills in Protocol Writing and Statistical Analytic Programming Relevant to Studies Generating Real-World Evidence	Jessica Jalbert, Christian Hampp, Wei-Hsuan Lo-Ciganic, Nicole Pratt, Soko Setoguchi , Kelly A. Hall
9:00am-12:30pm <i>Course; Brown 3 Level 2</i>	Environmental Pharmacoepidemiology: Overview, Methods, and Applications	Maarten Lambert, Soko Setoguchi , Jennifer L. Lund, Lizbeth F. Gomez, Chloe Corrie Hans Smit, Shengfeng Wang, Tanja Mueller, Sudha Raman, Nasrin Ghassemi

SUNDAY 30

9:00am-12:30pm <i>Course; Space 1, Level 0</i>	The Pharmacoepidemiologist's Toolbox for Professional Development	Caitlin Knox, Kourtney J. Davis, Mary E. Ritchey , Juan M. Hincapie-Castillo, Lisa Pont, Vincent Lo Re III , Anton Pottegård
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31 MONDAY

8:15am-8:30am <i>Oral Presentation; Amber 1+2, Level 2</i>	AI-Assisted Real-World Lab Data Cleaning to Improve Quality and Efficiency of Real-World Evidence Generation	Carrie Nielson, Fang Xia, Patricia J. Allen, Colin Anderson-Smits, Alex Asimwe, Andrew Howland, Michael Elashoff, Mary E. Ritchey
10:45am-11:00am <i>Oral Presentation; Brown 1+2, Level 2</i>	Effect Modification by Multimorbidity Burden on the Effectiveness and Safety of SGLT2 inhibitors in Older Adults with T2D: A Target Trial Emulation study	Hongjie Qian , Kimberly M. O'Malley, Chintan Dave
10:30am-12:00pm <i>Oral Presentation; Space 2, Level 0</i>	Going for the Gold: Oncology RWD Safety	Co-Moderators: Gregory L. Peck , Christian Hampp
10:35am-10:40am <i>Oral Presentation; Space 3, Level 0</i>	A Standardised Tool to Describe Data Source Diversity: the DIVERSE Tool	Romin Pajouheshnia, Lin Li, Carolina Moriella, Robert W. Platt, Soko Setoguchi , Gillian Hall, Mehmet Burcu, Dimitri Bennett, Sigal Kaplan, Angelika Wientek-Fleishchmann, Giuseppe Roberto, Claudia Gulea, Shahab Abtahi, Lei Zhu, Xuerong Wen, Rosa Gini, Daniel C. Beachler
12:00PM-1:30PM <i>Poster Session A-204; Exhibit Hall.</i>	Evaluating Signal Detection Power in Real-World Drug-Repurposing Studies Using Simulation-Based Methods: Findings from the REMIND Project	Giorgio Limoncella, Hillary Bonnet, Marieo-Agnes Bernard, Catherine Helmer, Alexis Elbaz, Tobias Gerhard , Patrick Blin, Laure Carcaillon-Bentata
12:00pm-1:30pm <i>Poster Session A-405; Exhibit Hall</i>	Impact of Package Insert Warning on Liver Function Tests for CDK4/6 inhibitors for HR+/HER2- Breast Cancer	Daniel C. Beachler, Vincent Lo Re III , Stephen Lanes

12:00pm-1:30pm <i>Poster Session A-342; Exhibit Hall</i>	Using data linkages to examine fatal and non-fatal opioid overdose in pregnancy	Amanda Dorsey, Hillary Samples, Elizabeth A. Suarez
12:00pm – 1:30pm <i>Poster Session A-292; Exhibit Hall</i>	Characterizing drug-related visit burden in Emergency Departments during the Covid-19 pandemic: Methodological implications for researchers	Mireia Triguero Roura, Aabha Vora, Pia M. Mauro
1:30pm-3:00pm <i>Symposium; Space 2, Level 0</i>	Enhancing peer review of pharmacoepidemiology manuscripts: Perspectives from the Editors of Pharmacoepidemiology & Drug Safety	Vincent Lo Re III , Jennifer L. Lund, Anne Mobley Butler, Kristian B. Filion, Wendy Camela Castillo, Olaf H. Klungel, Brian L. Strom
1:30pm-3:00pm <i>Symposium; Space 3, Level 0</i>	Emerging Methods for Studying Drug-Environment Interactions	Lizbeth F. Gomez, Massimo Stafoggia, Yea-Huei Kao Yang, Sean Hennessy, Ursula Kirchmayer, Soko Setoguchi
4:00pm-4:15pm <i>Oral Presentation; Space 3, Level 0</i>	Risk of Progressive Multifocal Leukoencephalopathy Among Patients Newly Initiating Disease-Modifying Therapies for Multiple Sclerosis	Mackenzie Henderson, Vincent Lo Re III, Kimberly M. O'Malley, Chintan Dave
5:15pm-6:45pm <i>Symposium; Brown 1+2, Level 2</i>	Systematic Drug Repurposing Research Using Healthcare Databases: Methods for Large-Scale Discovery and Evaluation	Yola Moride, Tobias Gerhard, Elizabeth A. Suarez , Rishi J Desai, Jesper Hallas, Julie Rudbeck Krumborg, David M. Kern
5:15pm-6:45pm <i>Symposium; Amber 1+2, level 2</i>	Identify, Quantify and Act: Advancing Methods for Reducing Bias from Measurement Error	Rosa Gin, Li Lin, Xabier Garcia de Albeniz, Vera Ehrenstein, Anna Schultze, Robert Platt, Vincent Lo Re III

01 TUESDAY

11:30am-1:00pm <i>Poster Session B-234; Exhibit Hall</i>	Enhancing Capture of Rare Events with Algorithms Using Non-Specific Diagnosis Codes: Validation of Drug-Induced Lactic Acidosis	Mary E. Ritchey, Vincent Lo Re III, Haoqian Chen , Steve Khalil, Cecilia Huang, Soko Setoguchi, Brian L. Strom, Tobias Gerhard
11:45am-12:45pm <i>Spotlight Poster Cancer; Exhibit Hall</i>	Association Between Cumulative Use of Chronically Hepatotoxic Antiretroviral Therapy and Hepatocellular Carcinoma, By Chronic Liver Disease Status	Jessie Torgersen, Craig W. Newcomb, Dean M. Carbonari, Christopher T. Rentsch , Tamar H. Taddei, Amy C. Justice, Jason A. Roy, Vincent Lo Re III
11:30am-1:00pm <i>Poster Session B-093; Exhibit Hall</i>	Validation of Electronic Health Record Past Medical History Among Childhood Cancer Survivors at a Large Academic Health System in the United States	Julianne Varga, Ziyang Hong, Benjamin Bates
11:30am-1:00pm <i>Poster Session B-318; Exhibit Hall</i>	Stimulant treatment after intentional drug overdose in US adolescents with attention deficit hyperactivity disorder (ADHD)	Sudha R. Raman, Rachel Dew, Greta Bushnell, Kristen Lloyd, Yuyang Zhu, Hillary Samples

11:30am-1:00pm <i>Poster Session B-007; Exhibit Hall</i>	Using Electronic Medical Records (EMRs) to Examine the Association Between Breast Imaging and an Incidental Lung Cancer Diagnosis	Monica D'Arcy, Julianne Varga, Alicia Iizuka
11:30am-1:00pm <i>Poster Session B-025; Exhibit Hall</i>	Using Electronic Medical Records (EMRs) to Describe Clinical and Demographic Characteristics of Individuals who Underwent Lung Cancer Screening Prior to a Lung Cancer Diagnosis in New Jersey	Julianne Varga, Monica D'Arcy, Alicia Iizuka
11:30am-1:00pm <i>Poster Session B-312; Exhibit Hall</i>	Comparing Real-World Evidence with Clinical Trials in Juvenile Idiopathic Arthritis	Stephen Balevic, Timothy Meukelman, Anne Deenos, Thomas Phillips, Colleen Correll, Ann W. McMahon
11:45am-12:45pm <i>Spotlight Poster Drug-Drug Interaction; Exhibit Hall</i>	Concomitant use of DPP4 inhibitors and RAAS Inhibitors and Risk of Angioedema: A retrospective cohort study	Amina Alkhalaf, Kamika Reynolds, Kimberly M. O'Malley, Chintan Dave
12:15pm-1:15pm <i>Spotlight Poster Pediatrics; Exhibit Hall</i>	Clinical and Healthcare Factors Associated with Diabetic Ketoacidosis at Pediatric Type 1 Diabetes Diagnosis in the US and England	Julia Liaw, Kristen Lloyd, Abner Nyandeger, Chintan Dave
1:00pm-2:30pm <i>Symposium; Space 2, Level 0</i>	A Missing Link for Improving Patient Health Outcomes? Adding Nutritional Assessment to the Pharmacoepidemiology Toolbox	Neil R. Brett, Eric B. Rim, Vincent Lo Re III , Susan A. Oliveria
1:00pm-2:30pm <i>Symposium; Space 3, Level 0</i>	Tomorrow's Evidence 2.0: Replace, Refine, or Reframe the Evidence Pyramid? A Live Framework Build	Lisa Weiss, Helga Gardarsdottir, Kirk Geale, Julien H. Shippee, Ursula Kirchmayer, Edward Lai, Mary E. Ritchey
4:15pm-5:45pm <i>Oral Presentation; Amber 1+2, Level 2</i>	Balancing Maternal Outcomes and Infant Risks in Mental Health	Co-Moderators: Elizabeth A. Suarez , Priya Bahri
4:15pm-4:30pm <i>Oral Presentation; Space 4, Level 0</i>	Adalimumab Tapering is Associated with Short-term, but not Long-term, Advantages for Well-controlled Juvenile Idiopathic Arthritis: A Retrospective Cohort Study	Daniel B. Horton , Yaoyao Li, Abner Nyandeger , Nancy Liu, Lan Luo, Timothy Beukelman, Brian M. Feldman, Melissa L. Mannion, Anna Sutton, Marinka Twilt, Ruud H.J. Verstegen, Liangyuan Hu

02 WEDNESDAY

8:30am-10:00am <i>Oral Presentation; Brown 1+2, Level 2</i>	Average is Overrated: Heterogeneity of Treatment Effects	Co-Moderators: Chintan Dave , Hozefa A. Divan
8:30am-10:00am <i>Oral Presentation; Space 4, Level 0</i>	Neuropsychiatric Safety in the Elderly	Co-Moderators: Tobias Gerhard , Isha Mehta Riley

8:30am-10:00am <i>Oral Presentation; Space 3, Level 0</i>	Three Panels on Drug Utilization	Co-Moderators: Mary E. Ritchey , Alejandro Arana, Vera Ehrenstein, Jessica J. Jalbert
10:30am-12:00pm <i>Symposium; Space 2, Level 0</i>	Driving High Quality RWE in Oncology: Integration, Validation, and AI Harmonization	Nadia Howlader, Michael Elashoff, Jennifer L. L. Lund, Benjamin Bates , Jessica K. Paulus
12:00pm-1:30pm <i>Poster Session C-127; Exhibit Hall</i>	Sensitivity of Electronic Health Record Cancer Diagnoses Compared to Hospital Cancer Registry Within a Large Academic-Community Health System in the United States	Ziyan Hong, Julianne Varga, Benjamin Bates
12:00pm-1:30pm <i>Poster Session C-203; Exhibit Hall</i>	Age differences in the hospital-level burden of drug-related emergency department visits, 2013-2021	Aabha Vora, Mireia Triguero Roura , Morgan M. Philbin, Seth J. Prins, Christine M. Mauro, Yongmei Huang, Pia M. Mauro
12:00pm-1:30pm <i>Poster Session C-333; Exhibit Hall</i>	A Two-Stage High-Throughput Screening and Target Trial Emulation Framework for Drug Repurposing in Healthcare Databases	Yola Moride , Yann Hamon, Jacques Benichou, Albert Buchard, Lamiae Grimaldi-Bensouda, Lucien Abenhaim
12:00pm-1:30pm <i>Poster Session C-112; Exhibit Hall</i>	Dornase Alfa and Hypertonic Saline Use and Adherence Following Elexacaftor/tezacaftor/ivacaftor (ETI) Initiation Among People With Cystic Fibrosis	Lisbeth F. Gomez, Charles R. Esther, Jr., Poonam Gandhi, Melanie Rua, Soko Setoguchi
12:00pm-1:30pm <i>Poster Session C-226; Exhibit Hall</i>	Restricted Access to Lower-Emission Inhalers in US Commercial Insurance Plans	Ashwaghosha Parthasrathi, Paras Modha, Adithi Chellapan, Chloe Kline, Soko Setoguchi
12:00pm-1:30pm <i>Poster Session C-227; Exhibit Hall</i>	Scientific Exchanges in a Warming World: A Scoping Review of Methods to Evaluate Carbon footprints of Scientific Meetings	Chloe Corrie Hans Smit, Soko Setoguchi , Sallie Pearson, Maarten Lambert
12:15pm-1:15pm <i>Spotlight Poster Real-World Evidence Collaborative; Exhibit Hall</i>	Alcohol Level and Rate of Severe Acute Liver Injury After Statin or Proton Pump Inhibitor Initiation	Vincent Lo Re III, Craig W. Newcomb, Dean M. Carbonari , Jessie Torgersen, Christopher T. Rentsch , Joseph K. Lim, Lamia Y. Haque, Jonathan A. Dranoff, Catherine Mezzacappa, David A. Fiellin, Tamar H. Taddei, Amy C. Justice
12:15pm-1:15pm <i>Spotlight Poster Pediatrics; Exhibit Hall</i>	Clinical and Healthcare Factors Associated with Diabetic Ketoacidosis at Pediatric Type 1 Diabetes Diagnosis in the US and England	Julia Liaw, Kristen Lloyd, Abner Nyandegge, Chintan Dave
2:30pm-2:45pm <i>Oral Presentation; Space 1, Level 0</i>	Lamotrigine and Ventricular Arrhythmia among Children and Youth: A Target Trial Emulation Using National Claims Data from the United States	Jiaxun Zhao, Kristen Lloyd, Stephen Crystal , Mark Olfson, Eyal Shemesh, Tobias Gerhard, Brian L. Strom , Benjamin Lentzer, Greta A. Bushnell, Daniel B. Horton
1:45pm-2:00pm <i>Oral Presentation; Space 3, Level 0</i>	Increases in Drug-Related Burden in Emergency Department Visits across the United States: Evidence from 10 States in 2008-2021	Pia M. Mauro, Aabha Vora, Mireia Triguero Roura , Seth J. Prins, Morgan M. Philbin, Christine M. Mauro, Yongmei Huang