

Rutgers Poster Presentations at ASHP Midyear

Rutgers Institute for Pharmaceutical Industry Fellowships



All poster presentations will be located at the
Anaheim Convention Center, Hall E, Lower Level
800 W Katella Ave, Anaheim, CA 92802

Student Posters

Monday, December 4th

4:15 - 5:15 PM

*Note: some Student
Posters include Fellow authors*

Fellow Posters

Tuesday, December 5th

2:00 PM - 3:30 PM

Student Poster Presentations

Student Poster Title	Authors
Clinical Trial Variations Amongst Investigational and Recently Approved Drugs for the Treatment of Seizures Associated With Lennox-Gastaut Syndrome Poster #5-082	Victoria Arthus, Charbel Eid, Alden Ordaniel, Brian Pollard, Michael Toscani, PharmD
Retrospective Utilization of Liposomal Bupivacaine in Patients Undergoing Cesarean Section Poster #5-088	Jonathan Kurian, Jiyeon Joy Park, PharmD, BCOP, GaEun Joung, PharmD, BCPS
Comprehensive Review of Immunotherapeutic Mechanisms of Actions in Phase II and III Metastatic Pancreatic Cancer Trials Poster #5-090	Bavly Hani, Kyrollos Boulos, Youssef Ghobrial, Michael Toscani, PharmD
Survey at a School of Pharmacy to Determine Time Spent in Preparation of Course Material Poster #5-095	Sarah Dean, Sara Ghaderi, Juliet Petillo, Anita Siu, PharmD, BCPPS, Jimmy Gonzalez, PharmD, BCPS
Impact of Vancomycin Loading Doses on Early Target Attainment Poster #5-099	Samuel Yang, Steven Smoke, PharmD, BCIDP, Angela Antonello, PharmD, BCPS, BCCCP, BCEMP
Current Landscape of Cannabis and Cannabinoid Use for Symptom Management in Breast Cancer Poster #5-102	Shalini Rana, Swathi Varanasi, PharmD, Susan Egbert, PharmD
Role of Pembrolizumab in Advanced Stage Melanoma Poster #5-104	Seunghwan Choi, Kathryn DeStefano, Isha Patel, Manasi Prakash, Michael Toscani, PharmD
Retrospective Study on SGLT-2 Inhibitor Discontinuation Rates for Inpatient Initiation Poster #5-105	Rijul Shinde, Marta Galagoza, Andrew Giaquinto, PharmD, Ashmi Philips, PharmD, AAHIVP

Student Poster Presentations

Student Poster Title	Authors
<p>Presence of Misinformation on Leading Patient Health Websites Addressing Medical Therapies in Uterine Fibroids and Endometriosis Poster #5-106</p>	<p>Stacey Zhang, Chetna Bhattacharyya, MD, Christine Sam, PharmD</p>
<p>Literature Review of Investigational Drugs and Therapies Targeting the Centers for Disease Control and Prevention (CDC) "Urgent" US Bacterial Pathogens Poster #5-107</p>	<p>Valassia Antigone Theocharides, Adelina Gallo, Smruti Rajpara, Zoya Sohail, Michael Toscani, PharmD</p>
<p>The Role of 15% Hypertonic Saline Irrigation in Treatment of Hepatic Hydatid Cysts Poster #5-109</p>	<p>Pankti Patel, Kholi Zaina, Michael De Francesco, Susan Kokura, PharmD, MBA, Elena Khachatryan, PharmD, BPS</p>
<p>Evaluating Incretin Mimetic Agents for Safety and Efficacy in Chronic Weight Management: A Literature Review Poster #5-111</p>	<p>Tanmaya Phanda, Jatin Jain, Rushika Barvalia, Rucha Nirgudkar, Michael Toscani, PharmD</p>
<p>Multiple Opportunistic Infections in a Patient with Newly Diagnosed HIV: A Case Report Poster #5-113</p>	<p>Amanda Sowinski, Sherin Mary Pathickal, PharmD, BCIDP, Debisha Dey, PharmD, Steven Riley, PharmD</p>
<p>Evaluation of the Safety of Sodium-Glucose Cotransporter 2 Inhibitor Initiation in an Inpatient Post-Cardiothoracic Surgery Patient Population Poster #5-117</p>	<p>Anna Wszeborowska, Humberto R. Jimenez, PharmD, MPH, AAHIVP, Caitlin E. Kulig, PharmD</p>
<p>A Review of NCCN Treatment Guideline Recommendations and Published Evidence for Refractory/Relapsed Pediatric Hodgkin and Aggressive Mature B-Cell Lymphomas vs. FDA Medication Approvals Poster #5-120</p>	<p>Sinduja Sivakumar, Michael Toscani, PharmD</p>
<p>Revolutionizing Clinical Trials: The Efficiency and Diversity of Patient Recruitment Through Artificial Intelligence: A Literature Review Poster #5-122</p>	<p>Maria Mikhail, Hiral Patel, Sameh Beshay, Andrew Mikhail, Michael Toscani, PharmD</p>

Student Poster Presentations

Student Poster Title	Authors
<p>The Effect of Influenza and Pneumococcal Vaccines on Readmission and Mortality of Pneumonia Patients Poster #5-124</p>	<p>Mevlana Mustafai, Nicholas Nguyen, Karena Zhao, Rupal Mansukhani, PharmD, FAPhA, NCTTP</p>
<p>Developing and Assessing an Interprofessional Pharmacy Student Peer-Led Curriculum for Pre-Health Undergraduate Students Poster #5-132</p>	<p>Brian Gyamfi-Mensah, Christina Cosenzo, Sunaina Mukherjee, Lydia Rebello, Marc Sturgill, PharmD</p>
<p>Prescribing Practices at a Community Hospital for the Management of Clostridioides Difficile Infection Poster #5-135</p>	<p>Joanna Zheng, Liza Barbarello Andrews, PharmD, BCCCP, BCPS, CHSE, Ewelina Pelczar, PharmD</p>
<p>Efficacy and Safety of Vancomycin DoseMeRx Dosing Software Versus Trough-Based Dosing in a Community Hospital: A Retrospective Cohort Study Poster #5-136</p>	<p>Andrea Mosquera, Liza Barbarello Andrews, PharmD, Ewelina Pelczar, PharmD</p>
<p>Effects of Implementing a Pneumonia Care Bundle on Hospital Readmission Rates Utilizing Pneumonia Severity Poster 5-139</p>	<p>Rena Chaiklin, Eun Sik "John" Cho, Rida Hannan, Rupal Mansukhani, PharmD, FAPhA, NCTTP</p>
<p>Evaluation of Levetiracetam's Effects on Behavioral Adverse Events in Patients with Spontaneous Intracerebral Hemorrhage Receiving Seizure Prophylaxis Poster #5-140</p>	<p>Grace Tam, Angela Antonello, PharmD, BCPS, BCCCP, BCEMP, Francesco Ciummo, PharmD, BCCCP</p>
<p>PTSD Medications and Future Treatments: A Comprehensive Literature Review of Approved, Investigational, and Off-Label Therapies Poster #5-145</p>	<p>Meha Pandejee, Omer Abdel-Wahab, Mary Kopchick, Michael Toscani, PharmD, Joseph Barone, PharmD</p>
<p>Drug Pipeline for Chemotherapy and Radiation-Induced Oral Mucositis Poster #5-146</p>	<p>Richa Gavaskar, Sally Lu, Cory Gaulrapp, Mevlana Mustafai, Geeny Lee, PharmD</p>

Student Poster Presentations

Student Poster Title	Authors
Controlling Hypertension in a Federally Qualified Health Center: Baseline Compliance with Guideline-Based Pharmacotherapy in a Randomized-Controlled Study <i>Poster #5-147</i>	Jill Shah, Sanjana Ojha, Priya Patel, Shivam Prajapati, Caitlin McCarthy, PharmD, BCPP
Evaluation of Treatments in Hypercalcemia of Malignancy at an Academic Community Hospital <i>Poster #5-149</i>	Caroline Fan, Jessica Hu, PharmD, BCCCP, Luigi Brunetti, PharmD, PhD, BCPS, BCGP
Regulating Artificial Intelligence and Machine Learning in Clinical Care: Balancing Innovation and Harmonization <i>Poster #5-154</i>	Kaitlyn Liu, Justin Lee, Michael Toscani, PharmD
The Variability of Intranasal Naloxone Dispensing and Prescribing Regulations Impacting Pharmacy Practice across the United States <i>Poster #5-155</i>	Vileen Singh, Niveditha Kannan, Sania Patel, Michael Toscani, PharmD
Comparing Effectiveness Between Different Antidepressants in Preventing Psychiatric Rehospitalization <i>Poster #5-156</i>	Hannah Mei, Daniel Greer, PharmD, BCPP, Jackie Rowe, PharmD, BCPS
Retrospective Review of Prescribing Practices at Discharge for Patients with Type 2 Diabetes Admitted Due to an Atherosclerotic Cardiovascular Event <i>Poster #5-157</i>	Alexa "Lexi" Bazsa, Marissa Uricchio, PharmD, BCCP
Evaluation of Artificial Intelligence, Machine Learning, and Deep Learning-Based Prediction Models for Prognosis and Immunotherapy Response Predictions in Breast Cancer Patients; Literature Review <i>Poster #5-159</i>	Christian Edelstein, David Kremer, Michael Toscani, PharmD

Student Poster Presentations with Fellows

Student/Fellow Poster Title	Authors
Overview of Risk Factors Associated with Clostridioides difficile Infection and Current/Emerging Therapies Poster #5-086	Namareq Musa, Gayathri Eswara Kumar, Sophie Kang, PharmD , Michael Toscani, PharmD
Evaluation of Interventions Implemented in Global Antimicrobial Stewardship Programs: A Literature-review Poster #5-091	Karim Abdelhalim, Sana Mansuri, Kaylyn Billmeyer, PharmD, Madrona Boutros, PharmD , Michael Toscani, PharmD
Comparing Baseline Demographics of Patients with Chronic Lymphocytic Leukemia in Phase III Clinical Trials of Bruton's Tyrosine Kinase Inhibitors and Real-World Global Data Poster #5-093	Sanjin Hadzic, Aditya Ray, Samy Ali, Pranav Menon, Uttara Vajinepalli, Ashley Hu, PharmD, Tanay Maddula, PharmD , Michael Toscani, PharmD
Cracking the Code: Machine Learning Predictions for Immunotherapy Efficacy and Cancer Progression in Advanced Non-Small Cell Lung Cancer (aNSCLC) Patients Poster #5-094	John Michael, Riya Mankad, Abhiram Bukka, Nidhi Patel, Ai Len Nguyen Phan, PharmD , Michael Toscani, PharmD
Past, Present, and Future Implications of Artificial Intelligence in Pharmacovigilance: Literature Review Poster #5-100	Dev Patel, Evan Klein, PharmD , Michael Toscani, PharmD
Evaluation of Clinical Trials for Pipeline Biosimilars and Analysis of Potential Wholesale Acquisition Cost Savings of Approved Biosimilars for Moderate to Severe Plaque Psoriasis Poster #5-103	Shreni Sheth, Riya Nayini, Jenni Mun, PharmD , Michael Toscani, PharmD
Descriptive Analysis of CURE-ID: Exploring Repurposed Treatment Modalities for Managing Nontuberculous Mycobacterial Infection (NTM) Poster #5-110	Jatin Jain, Rohan Rao, Tanmaya Phanda, Reema Shah, PharmD , Michael Toscani, PharmD
Evaluating Variability in Phase III Trials of Adalimumab Biosimilars Poster #5-114	Dev Shah, Rupa Shan, PharmD , Michael Toscani, PharmD

Name in blue highlights the Fellow authors

Student Poster Presentations with Fellows

Student/Fellow Poster Title	Authors
Trends in Social Media Impact on Youth Mental Health: A Literature Review Poster #5-115	Jocelyn Mathew, Prakrithi Ramesh, PharmD , Michael Toscani, PharmD
Review of Clinical Trial Enrollment Diversity in Children with Acute Lymphoblastic Leukemia Poster #5-118	Verina Megala, Khalid Zeidieh, Marian Awad, Meriam Pulles, PharmD , Michael Toscani, PharmD
Evaluation of Risk Versus Benefit Information in Direct-to-Consumer (DTC) Prescription Drug Television Advertisements Poster #5-119	Daniel Edi, Elizabeth Skobelev, Adam Asad, Kimmy Dovan, PharmD, Tatiana Hines, PharmD , Michael Toscani, PharmD
The Global Impact of COVID-19 on Opioid Use Post-Lockdown: A Literature Review Poster #5-134	Anne Khalil Hanna, Rebecca Girgis, Veronica Elias, Neethu Saji, Jaswitha Basu, PharmD , Michael Toscani, PharmD
Comparing Fezolinetant and Hormone Therapy in the Treatment of Vasomotor Symptoms in Menopausal Women – A Review of the Literature Poster #5-137	Nadia Dob, Chloe Kim, Hannah Mei, Reyna Jash, PharmD , Michael Toscani, PharmD
Analysis of Outcome Measures Represented in Disease-Modifying Investigational Trials for Parkinson's Disease Over 10 Years - A Literature Review Poster #5-138	Jessica Muth, Christina Hur, Morgan McCluskey Wirtz, PharmD , Michael Toscani, PharmD
Chimeric Antigen Receptor T-Cell Therapy: Current Applications and Future Directions Poster #5-142	Hien Ngo, Derek Timm, PharmD, Anjali Shah, PharmD , Michael Toscani, PharmD
Polycystic Ovary Syndrome (PCOS): A Global 5-Year Literature Review of Non-Guideline Therapeutic Interventions Poster #5-143	Amrit Kaur, Justine Khalil, Breanna Faila, PharmD , Michael Toscani, PharmD

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Student Poster Presentations with Fellows

Student/Fellow Poster Title	Authors
Impact of Second Generation Antipsychotics on Renal Function: A Literature Review Poster #5-144	Seo Chun, Angel Thomas, Ivy Chen, Anna Eizhvertin, Suzanne Saleh, PharmD , Michael Toscani, PharmD
Counting Costs with Chimeric Antigen Receptor (CAR) T-cell Therapy: Limitations Associated with Cost-Effectiveness Analyses in the United States Poster #5-148	Jessica Yoon, Hannah Mei, Tiffany Chao, Shreya Patel, PharmD , Michael Toscani, PharmD
Pharmacological Advancements in the Management of Pediatric Atopic Dermatitis: A Narrative Review of Clinical Trial Findings and Future Perspectives Poster #5-150	Ginny Cho, Doyoun Kim, Jaya Joshi, Khushbu Patel, PharmD , Francisco Fonseca Santos, PharmD, Marc Sturgill, PharmD, Molly Siver, PharmD, Michael Toscani, PharmD
CAR-T Cell Therapy: A Review of Mechanisms of Action in Clinical Trials for the Treatment of Solid Tumors Poster #5-151	Daniel Wroblewski, Shivam Prajapati, Ravi Rana, Ravi Chothani, PharmD, Aarth Sheth, PharmD , Michael Toscani, PharmD
A Supplemental Approach to β -Thalassemia: A Literature Review on the Impact of Vitamin Deficiencies and the Effect of Vitamin Supplementation Poster #5-153	Tiffany Chao, Allison Fu, Sarah Liu, Sarah Park, PharmD , Michael Toscani, PharmD
Evaluating Trends in Current United States Drug Shortages Reported to the Federal Drug Administration: July 2020—September 2023 Poster #5-160	Elena Shalom, Douglas Lemenze, Shiyar Kapan, PharmD , Michael Toscani, PharmD
Evaluation of FDA Approved Vaccines for Respiratory Syncytial Virus (RSV) in the United States Poster #5-161	Rushika Barvalia, Rucha Nirgudkar, Divya Rana, PharmD , Michael Toscani, PharmD

Name in blue highlights the Fellow authors

Fellow Poster Presentations

Fellow Poster Title	Authors
<p>Prevalence of Ingestible Sleep Therapies Accessible from the Leading Online Retailer in the United States Poster #8-118</p>	<p>Kapil Rawal, PharmD, Matt Fisher, PharmD</p>
<p>Alpha-gal Syndrome (AGS) Awareness and Knowledge among Public Health Information Centers in the United States Poster #8-119</p>	<p>Lisa Lim, PharmD, Daniel Abazia, PharmD</p>
<p>The Challenge of C. difficile: A Review of Disease Burden, Unmet Need and Novel Therapies in Development Poster #8-120</p>	<p>Tyler Fukunaga, PharmD, Sarah Mostafa, Ferouz Albukhari, Mona Marhaba, Hannah Rabkin, Michael Toscani, PharmD</p>
<p>Post-Pandemic Retrospective Study of North American Pharmacist Licensure Examination (NAPLEX) Pass Rates Based on School Size and Institution Type Poster #8-121</p>	<p>Natalie Laurito, PharmD, Michael Toscani, PharmD, Joseph Barone, PharmD</p>
<p>Comprehensive Review of US State Regulations for Pharmacist Prescribing of Human Immunodeficiency Virus (HIV) Pre-exposure Prophylaxis (PrEP) and Post-exposure Prophylaxis (PEP) Poster #8-122</p>	<p>Julia Napoli, PharmD, Jordan Plummer, PharmD, Michael Toscani, PharmD, Carolyn Seyss, PharmD, John Colaizzi, PharmD</p>
<p>Combination Antibiotics Use in the Pediatric Population and the Potential for Medication Errors Poster #8-123</p>	<p>Tiffany Lin, PharmD, Rachel Meyers, PharmD, Christine Robinson, PharmD, Anita Siu, PharmD, Molly Siver, PharmD</p>
<p>Comparing the Presence of Corporate versus Medical Social Media Accounts of Pharmaceutical Companies Poster #8-136</p>	<p>Moozdeleefa Muhammed, PharmD, Nabiha N Baksh, PharmD, Luke Riley, PharmD, Earl Ettienne, BSc.Pharm, MBA, LP.D, Michael Toscani, PharmD</p>

Name in blue highlights the Fellow authors

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