

## Scientific Poster Presentations, I

**Sunday, October 18**

Golden Gates 2-5

1:00 p.m.–2:30 p.m.

### ENCORE PRESENTATIONS

Abstracts marked with an “E” are Encore Presentations. Encore Presentations undergo the same peer-review process as all other presentations, but they may have been presented elsewhere or published in abstract form before the 2015 Global Conference.

### AWARDS COMPETITION

Finalists for the Best Student Poster, Best Resident and Fellow Poster, and Best Paper awards will be designated by a ribbon pinned to select posters. The awards for the Best Student Poster, Best Resident and Fellow Poster, and Best Paper will be presented during the Closing Ceremony and International Awards Presentations beginning at 11:30 a.m. on Wednesday, October 21, in Continental Ballroom 5.

### ORIGINAL RESEARCH

These papers describe hypothesis-driven research findings in basic, clinical, translational, dissemination/implementation, or educational research.

### ADR/Drug Interactions

1. Does concomitant administration of Piperacillin-Tazobactam with Vancomycin really increase the incidence of acute kidney injury?

Lisa Katchan, Pharm. D. candidate 2015<sup>1</sup>, Taylor Seidel, Pharm. D. candidate 2015<sup>1</sup>, *Jennifer Bui, Pharm. D., Critical Care*<sup>1</sup>, Faheem Younus, MD, Chief Infectious Disease<sup>2</sup>; (1)Department of Pharmacy, University of Maryland - Upper Chesapeake Medical Center, Bel Air, MD; (2)Department of Medicine, University of Maryland - Upper Chesapeake Medical Center, Bel Air, MD

### Ambulatory Care

11. Evaluation of ambulatory care clinical pharmacists-provided discharge counseling service on hospital readmission rates.

*Amy M. Drew, PharmD, BCPS*, Brittany Albus, Pharm.D. Candidate, Jamie M. Pitlick, Pharm.D., BCPS, Megan Ziegler, Pharm. D.; St. Louis College of Pharmacy, St. Louis, MO

### Cardiovascular

14. Association of inflammatory gene polymorphisms with the prosthetic heart valve reoperation.

*Kyungeun Lee, Pharm.D.*<sup>1</sup>, Ms. Elise Kim, Pharm.D.<sup>2</sup>, Hyesun Gwak, Ph.D., Pharm.D.<sup>3</sup>; (1)Department of Pharmacy, Chungbuk National University, Chungbuk, South Korea; (2)College of Pharmacy, Ewha Womans University, Seoul, South Korea; (3)College of Pharmacy & Division of Life and Pharmaceutical Sciences, Ewha Womans University, Seoul, South Korea

19. Safety and efficacy of a bivalirudin based purge solution for a percutaneous ventricular assist device.

*Colleen Martin, Pharm.D.*<sup>1</sup>, Craig Cocchio, Pharm.D., BCPS<sup>2</sup>; (1)Rutgers University, Piscataway, NJ; (2)Ernest Mario School of Pharmacy at Rutgers, The State University of New Jersey, Piscataway, NJ

21. Adherence and persistence to antihypertensive medications in uncomplicated treatment naïve patients: effects of initial therapeutic classes.

*Mrs. Young-Mi Ah, Ph.D candidate*<sup>1</sup>, Ms. Yun-Jung Choi, Ph.D candidate<sup>1</sup>, Mr. Baek-eum Kim, PharmD<sup>2</sup>, Prof. Ju Yeun Lee, doctor<sup>3</sup>, Prof. Kyung Hee Choi, Ph.D candidate<sup>4</sup>, Prof. Jung-Mi Oh, Pharm.D.<sup>5</sup>, Prof. Whan Gyun Shin, Pharm.D.<sup>6</sup>, Dr. Hae-Young Lee, MD<sup>7</sup>; (1)College of Pharmacy, Institute of Pharmaceutical Science and Technology, Hanyang University, Ansan Gyeonggi-do, South Korea; (2)College of Pharmacy,, Institute of Pharmaceutical Science and Technology, Hanyang University, Ansan Gyeonggi-do, South Korea; (3)College of Pharmacy, Institute of Pharmaceutical Science and Technology, Hanyang University, Ansan Gyeonggi-do, South Korea; (4)College of Pharmacy, Suncheon National University, South Korea; (5)College of Pharmacy, Seoul National University, Seoul,

South Korea; (6)Department of Pharmacy, Seoul National University, South Korea; (7)Department of internal medicine, Seoul National University Hospital, South Korea

### **Community Pharmacy Practice**

23E. Medication Adherence and Activity Patterns Measured by Sensor Technologies Guided Hypertension Management in the Community Pharmacy.

Kevin Noble, BS<sup>1</sup>, Pin Xiang, PharmD Candidate<sup>2</sup>, *Yoona Kim, PharmD, PhD*<sup>3</sup>, Sarah Leadley, BS<sup>3</sup>, Lorenzo DiCarlo, MD<sup>3</sup>; (1)Pinnacle Health Partnership LLP, East Cowes; (2)University of California: San Francisco, San Francisco, CA; (3)Proteus Digital Health, Redwood City, CA

### **Critical Care**

24. Implementation of delirium screening using the Intensive Care Delirium Screening Checklist (ICDSC) into 33 intensive care units throughout a health system.

*Dr. Pamela L. Smithburger, Pharm.D., MS, BCPS*<sup>1</sup>, Mrs. Shauna Campbell, BSN, MSN<sup>2</sup>, Ms. Shea Liput, PharmD Candidate<sup>3</sup>; (1)Pharmacy and Therapeutics, University of Pittsburgh School of Pharmacy, Pittsburgh, PA; (2)UPMC Medical Center, Pittsburgh, PA; (3)University of Pittsburgh School of Pharmacy, Pittsburgh, PA

25. Impact of a method of sedation and analgesia control on average ventilator days and length of stay in the intensive care unit.

*Efrain Marrero, Pharm.D., BCPS*<sup>1</sup>, Robert McEachern, MD<sup>2</sup>, Geoffrey Patrissi, MA Psychology<sup>3</sup>, Jeri Pike, BS Chemistry, AD Nursing<sup>4</sup>; (1)Saint Francis Hospital, Memphis, TN; (2)Baptist Memorial Hospital-North Mississippi; (3)Navy Personnel Research, Studies, and Technology; (4)St. Francis Hospital, Memphis, TN

### **Drug Information**

45. Evaluation of an interprofessional workshop on medication error prevention: building teamwork in healthcare.

*Nirav Haribhakti, Pharm.D. candidate*, Dr. Rolee Pathak, Pharm.D., BCPS, Mary Bridgeman, Pharm.D., BCPS, CGP, Marc Sturgill, Pharm.D.; Ernest Mario School of Pharmacy, Rutgers, The State University of New Jersey, Piscataway, NJ

### **Emergency Medicine**

50. Using a cloud-based platform to identify discrepancies during medication reconciliation in a community hospital emergency department.

*Dr. Eric La, Pharm.D.*, Dr. Sanu Koshy-Varghese, Pharm.D., Dr. Agnieszka Pasternak, Pharm.D., MBA, CNSC, BCPS; Department of Pharmacy, Huntington Hospital, Huntington, NY

### **Hematology/Anticoagulation**

65. A Retrospective Comparative Evaluation of Antithrombotic Therapy after Total Hip Arthroplasty or Total Knee Arthroplasty at University of Colorado Health.

*Toby Trujillo, Pharm.D.*<sup>1</sup>, Dr. Patrick Klem, Pharm.D.<sup>2</sup>, Dr. Larry GoLightly, Pharm.D.<sup>3</sup>, Dr. Megan Wong, Pharm.D.<sup>2</sup>; (1)Clinical Pharmacy, University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences, Aurora, CO; (2)Pharmacy, University of Colorado Hospital, Aurora, CO; (3)University of Colorado Hospital, Aurora, CO

### **HIV/AIDS**

74. Adherence assessment techniques in adolescents receiving a protease inhibitor based antiretroviral therapy treatment regimen in a resource limited setting.

*Mr. Tinashe Mudzviti, B.Pharm (Hons), MPhil (MD)*<sup>1</sup>, Mr. Tafadzwa Mandizvidza, B.Pharm (Hons)<sup>1</sup>, Dr. Cleophas Chimbetete, MBChB, MPH<sup>2</sup>, Prof. Charles Maponga, PharmD., MHPE<sup>1</sup>, Dr. Gene Morse, PharmD<sup>3</sup>; (1)School of Pharmacy, University of Zimbabwe, Harare, Zimbabwe; (2)Newlands Clinic, Zimbabwe Aids Care Foundation, Harare, Zimbabwe; (3)Translational Pharmacology Core, Center of Excellence in Bioinformatics and Life Sciences, School of Pharmacy, University at Buffalo, Buffalo, NY

### **Infectious Diseases**

81. Comparison of AUC<sub>0-24</sub> predicted for published vancomycin dosing protocols designed for obese patients.  
*Brittany McGalliard, Pharm.D. Candidate*<sup>1</sup>, Kendra Radtke, Pharm.D. Candidate<sup>1</sup>, Kit Wun Kathy Cheung, Pharm.D. Candidate<sup>1</sup>, Nancy Wong, Pharm.D. Candidate<sup>1</sup>, Tuba Nemati, Pharm.D. Candidate<sup>1</sup>, Tina Denetclaw, Pharm.D., BCPS<sup>2</sup>; (1)School of Pharmacy, University of California, San Francisco, San Francisco, CA; (2)Department of Clinical Pharmacy, School of Pharmacy, University of California, San Francisco, San Francisco, CA

83. Antibiotic Use in San Jose del Negrito, Honduras.  
*Anna Bondar, B.S.*, Lauren J. Jonkman, PharmD, MPH, BCPS, Sharon E. Connor, PharmD; School of Pharmacy, University of Pittsburgh, Pittsburgh, PA

### Medication Safety

87. Effect of hospitalization on antihypertensive medication utilization among older persons.  
*Mr. Tariq Alhawassi, BScPharm, MClinPharm*<sup>1</sup>, Prof. Ines Krass, BPharm, Dip Hosp Pharm, Grad Dip Educ Studies (Health Ed), PhD<sup>1</sup>, Dr. Lisa Pont, BSc, BPharm, PhD<sup>2</sup>; (1)Faculty of Pharmacy, The University of Sydney, Sydney, Australia; (2)Sydney Nursing School, The University of Sydney, Sydney, Australia

89E. Implementation of electronic health record (EHR)-based medication management functionalities associated with decreased 30-day acute myocardial infarction (AMI) readmission rates.

*Dr. Mark E. Patterson, Ph.D, M.P.H.*<sup>1</sup>, Mr. Stephen Andrews, Pharm.D. Candidate<sup>2</sup>; (1)University of Missouri-Kansas City School of Pharmacy, Kansas City, MO; (2)School of Pharmacy, University of Missouri-Kansas City School of Pharmacy, Kansas City, MO

### Nephrology

91E. Incidence of Thromboembolism and Use of Antithrombotic Primary Prophylaxis in Nephrotic Syndrome Patients.

*Leslie N. Smith, Pharm.D.*<sup>1</sup>, Joanna Q. Hudson, Pharm.D., BCPS, FASN, FCCP, FNKF<sup>2</sup>, Jennifer Twilla, Pharm.D., BCPS<sup>1</sup>; (1)Methodist University Hospital, Memphis, TN; (2)Department of Clinical Pharmacy, The University of Tennessee College of Pharmacy, Memphis, TN

### Oncology

107. Development of a predictive method for sensitivity to anti-EGFR Mabs using proteome analysis.  
*Ayumu Nagamine, student*, Daisuke Nagano, assistant professor, Takuya Araki, associate, professor, Koujirou Yamamoto, professor; Department of Clinical Pharmacology, Gunma University Graduate School of Medicine, Maebashi, Japan

### Other

109. Defining a step-wise approach for clinical pharmacy services in a dental medicine clinic to maximize interprofessional collaboration.

*Lisa M Palmisano, PharmD, BCACP*<sup>1</sup>, Jill S Borchert, Pharm.D., BCPS, FCCP<sup>1</sup>, Jan Kum, PharmD Candidate<sup>2</sup>, Leslie LaMontagne, PharmD Candidate<sup>2</sup>, Gary Drahos, DDS, MJ, RPh<sup>3</sup>; (1)Department of Pharmacy Practice, Midwestern University, Downers Grove, IL; (2)Chicago College of Pharmacy, Midwestern University, Downers Grove, IL; (3)College of Dental Medicine - Illinois, Midwestern University, Downers Grove, IL

### Pediatrics

116. Saliva and Plasma Oxcarbazepine Concentrations in Pediatric Patients with Epilepsy.  
*Prof. Ying Zhou, MASTER*; Department of Pharmacy, Peking University First Hospital, Beijing, China

117. Early Use of Indomethacin for Prevention of Intraventricular Hemorrhage: a case study highlighting the importance of secondary outcomes.

*Jennifer Pham, Pharm.D.*; College of Pharmacy; Department of Pharmacy Practice, University of Illinois at Chicago, Chicago, IL

119. Neonatal indomethacin for prevention of intraventricular hemorrhage: a study of plasma concentrations, pharmacogenomic factors, and outcomes.

Deborah Raithel, Pharm.D.<sup>1</sup>, Jennifer Pham, Pharm.D.<sup>2</sup>, Larisa H. Cavallari, Pharm.D.<sup>3</sup>, Donna Kraus, Pharm.D.<sup>2</sup>, Kirsten Ohler, Pharm.D.<sup>2</sup>; (1)University of Chicago Medicine, Comer Children's Hospital, Chicago, IL; (2)College of Pharmacy; Department of Pharmacy Practice, University of Illinois at Chicago, Chicago, IL; (3)Department of Pharmacotherapy and Translational Research, University of Florida, Gainesville, FL

121. A Review of Pediatric Intravenous Vancomycin Dosing at a Tertiary Hospital in Singapore.  
*Ms. Cheryl Neoh, Bachelor of Science (Pharmacy)<sup>1</sup>*, Dr. Mas Suhaila Isa, MBBS, MRCPCH (UK)<sup>2</sup>, Dr. Tsingyi Koh, Pharm.D, BCPS<sup>1</sup>; (1)Department of Pharmacy, National University Health System Singapore, Singapore; (2)Department of Pediatric Infectious Disease, National University Health System Singapore, Singapore

### **Pharmacoeconomics/Outcomes**

122. Liposomal bupivacaine compared to no local infiltration for postsurgical analgesia in total knee and hip arthroplasty: a randomized, prospective, observational, pilot study.  
*Dr. Kristin Hillman, Pharm.D.*, Dr. Richa Airee, Pharm.D., BCPS, Dr. Jerry Robinson, Pharm.D., BCPS, Rachel Lopacki, BS; Pharmacy Department, Huntsville Hospital, Huntsville, AL

123. Evaluation of intravenous immune globulin prescribing patterns prior to and following a standardized prescribing algorithm at a tertiary care center.  
*Dr. Calvin Ice, Pharm.D.<sup>1</sup>*, Dr. Lance Oyen, PharmD<sup>2</sup>; (1)Department of Pharmacy Services, Mayo Clinic Hospital - Rochester, Rochester, MN; (2)Department of Pharmacy Services; College of Medicine Mayo Clinic, Mayo Clinic Hospital - Rochester, Rochester, MN

125. Cost-Effectiveness of Myeloid Growth Factor Prophylaxis Strategies for Febrile Neutropenia among Non-Hodgkin's Lymphoma Patients receiving Curative-Intent R-CHOP Chemotherapy.  
*Mr. Xiao Jun WANG, BSc<sup>1</sup>*, Dr. Tiffany Tang, MD<sup>2</sup>, Dr. Mohd Farid, MD<sup>2</sup>, Dr. Richard Quek, MD<sup>2</sup>, Dr. Miriam TAO, MD<sup>2</sup>, Dr. Soon Thye LIM, MD<sup>2</sup>, Dr. Hwee Lin Wee, PhD, BSc(Pharm)(Hons)<sup>1</sup>, Prof. Alexandre Chan, Pharm.D., MPH, FCCP, BCPS, BCOP<sup>1</sup>; (1)Department of Pharmacy, National University of Singapore, Singapore, Singapore; (2)Department of Medical Oncology, National Cancer Centre Singapore, Singapore, Singapore

### **Pharmacogenomics/Pharmacogenetics**

131. Impact of NQO1 variants on stable warfarin doses in Korean patients with mechanical cardiac valves.  
*Jee-Eun Chung, M.S<sup>1</sup>*, Byung Chul Chang, M.D. Ph D.<sup>2</sup>, Hyesun Gwak, Ph.D., Pharm.D.<sup>1</sup>; (1)College of Pharmacy & Division of Life and Pharmaceutical Sciences, Ewha Womans University, Seoul, South Korea; (2)Department of Thoracic and Cardiovascular Surgery, Yonsei University Medical Center, Seoul, South Korea

### **Psychiatry**

141. Evaluation of Sedative Hypnotic Use Among Inmate-Patients at a Correctional Facility.  
*Mr. Omeed Valipour, B.S.<sup>1</sup>*, Dr. Kelly Lee, Pharm.D., MAS, BCPP, FCCP<sup>1</sup>, Dr. Brett Johnson, M.D.<sup>2</sup>, Dr. Lin Chen-Peng, Pharm.D.<sup>3</sup>; (1)Skaggs School of Pharmacy and Pharmaceutical Sciences, University of California San Diego, La Jolla, CA; (2)Department of Psychiatry, Richard J. Donovan Correctional Facility, San Diego, CA; (3)Department of Pharmacy, Richard J. Donovan Correctional Facility, San Diego, CA

### **Transplant/Immunology**

150. Minimizing BK virus renal allograft loss through immunosuppression regimen.  
Alyson Meyer, PharmD Candidate<sup>1</sup>, *Jennifer Deyo, PharmD<sup>2</sup>*, Tomasz Kozlowski, MD<sup>3</sup>, RuthAnn Lee, PharmD<sup>4</sup>, Dr. Timothy Bruflat, PharmD<sup>5</sup>, Robert Dupuis, PharmD<sup>6</sup>; (1)UNC Eshelman School of Pharmacy, Chapel Hill, NC; (2)University of North Carolina Memorial Hospital - Department of Pharmacy, Chapel Hill, NC; (3)UNC School of Medicine - Department of Surgery, Chapel Hill, NC; (4)UNC Healthcare, Chapel Hill, NC; (5)UNC Eshelman School of Pharmacy, Chapel Hill; (6)Pharmacotherapy, UNC Eshelman School of Pharmacy, Chapel Hill, NC

151. Re-initiation of corticosteroids during treatment for BK-virus nephropathy does not decrease renal allograft survival.  
Dr. Timothy Bruflat, PharmD<sup>1</sup>, Tomasz Kozlowski, MD<sup>2</sup>, Alyson Meyer, PharmD Candidate<sup>3</sup>, RuthAnn Lee, PharmD<sup>4</sup>, Robert Dupuis, PharmD<sup>5</sup>, *Jennifer Deyo, PharmD<sup>6</sup>*; (1)UNC Eshelman School of Pharmacy, Chapel Hill; (2)UNC School of Medicine - Department of Surgery, Chapel Hill, NC; (3)UNC Eshelman School of Pharmacy,

Chapel Hill, NC; (4)UNC Healthcare, Chapel Hill, NC; (5)Pharmacotherapy, UNC Eshelman School of Pharmacy, Chapel Hill, NC; (6)University of North Carolina Memorial Hospital - Department of Pharmacy, Chapel Hill, NC

## **Women's Health**

152. Prevention of preterm labor with hydroxyprogesterone caproate (17OHP): does conversion from compounded to commercial formulation change health system resource utilization and patient access?

*Kristina Falk, PharmD (Anticipated May 2017)<sup>1</sup>, Christie Bobowski, PharmD (Anticipated May 2016)<sup>1</sup>, Anisha Doshi, PharmD (Anticipated May 2015)<sup>1</sup>, Sherif Abdou, PharmD<sup>2</sup>, Rebecca Stone, PharmD<sup>3</sup>; (1)Pharmacy Practice/ Center for Women's Health, University of Illinois at Chicago - College of Pharmacy, Chicago, IL; (2)Pharmacy Practice/ Center for Women's Health, University of Illinois Hospital and Health Sciences System, Chicago, IL; (3)College of Pharmacy, Department of Pharmacy Practice, University of Illinois at Chicago, Chicago, IL*

## **CLINICAL PHARMACY FORUM**

### **ADR/Drug Interactions**

154. Rifabutin for treating tuberculosis in HIV infected adult patients receiving a boosted protease inhibitor containing antiretroviral regimen: experiences of neutropenia from an urban clinic.

*Mr. Tinashe Mudzviti, B.Pharm (Hons), MPhil (MD)<sup>1</sup>, Mr. Tinei Shamu, HBMLS<sup>2</sup>, Dr. Cleophas Chimbetete, MBChB, MPH<sup>2</sup>, Prof. Charles Maponga, PharmD., MHPE<sup>1</sup>, Dr. Gene Morse, PharmD<sup>3</sup>; (1)School of Pharmacy, University of Zimbabwe, Harare, Zimbabwe; (2)Newlands Clinic, Zimbabwe Aids Care Foundation, Harare, Zimbabwe; (3)Translational Pharmacology Core, Center of Excellence in Bioinformatics and Life Sciences, School of Pharmacy, University at Buffalo, Buffalo, NY*

### **Adult Medicine**

155E. Implementation of a pharmacist-driven stress ulcer prophylaxis discontinuation program in a non-teaching community hospital.

*Megan Elavsky, Pharm.D. Candidate<sup>1</sup>, Matthew J. Hoover, PharmD, BCPS<sup>2</sup>; (1)Northeast Ohio Medical University, Rootstown, OH; (2)Cleveland Clinic Marymount Hospital and Northeast Ohio Medical University, Garfield Heights, OH*

### **Ambulatory Care**

159. Enhancing Pharmacist Involvement in Antimicrobial Stewardship Within the Ambulatory Setting through Utilization of the Electronic Medical Record (EPIC).

*Ms. Anna Kostric, PharmD<sup>1</sup>, Dr. Candace Minter, PharmD<sup>2</sup>, Mrs. Mary Morin, RN, MSN, BSN, NEA-BC, RN-BC<sup>3</sup>, Dr. Michael Charles, MD, FAAFP<sup>1</sup>; (1)Sentara Medical Group, Norfolk, VA; (2)Pharmacy Administration, Sentara Medical Group, Norfolk, VA; (3)Sentara Healthcare System-Sentara Medical Group, Norfolk, VA*

### **Drug Information**

173. Evolution of the Drug Information Group at the University of Illinois at Chicago (UIC) College of Pharmacy into a revenue generating business unit.

*Michael Gabay, Pharm.D., JD, BCPS<sup>1</sup>, Dr. Courtney Krueger, PharmD<sup>2</sup>, Prof. Mary Moody, BSPHarm<sup>2</sup>; (1)College of Pharmacy, University of Illinois at Chicago, Chicago, IL; (2)Department of Pharmacy Practice, University of Illinois at Chicago, Chicago, IL*

### **Oncology**

193. Clinical Pharmacist Integration into the Oncology Medical Home.

*Mandy Chan, PharmD, BCPS<sup>1</sup>, Andrew Yu, PharmD<sup>1</sup>, Rebecca Lau, PharmD, BCOP<sup>1</sup>, Eva Linh, PharmD Candidate<sup>1</sup>, Eric Chen, MD, PhD<sup>2</sup>, Karen Birmingham, PharmD, BCPS<sup>1</sup>; (1)Group Health, Tukwila, WA; (2)Group Health Permanente*

### **Other**

201. Development of a specialty medication prior authorization service at an urban academic medical center. *Michelle Martin, PharmD*<sup>1</sup>, Elena Telemek, PharmD Candidate<sup>2</sup>, Paige Taylor, PharmD Candidate<sup>2</sup>, Olga Volozhina, PharmD Candidate<sup>2</sup>; (1)Department of Pharmacy Practice, University of Illinois Hospital and Health Sciences System / UIC College of Pharmacy, Chicago, IL; (2)University of Illinois Hospital and Health Sciences System / UIC College of Pharmacy, Chicago, IL

203. Medication Adherence Survey of Patients attending Ambulatory Clinics. Mrs. Bashayer al-Shehail Jr., Pharm D<sup>1</sup>, Mrs. Nadia Ismail Sr., Msc Clinical Pharmacy<sup>2</sup>; (1)Clinical Pharmacy, KFHU, alKobar, Saudi Arabia; (2)Clinical Pharmacy, KFHU, al kobar

### **Pharmacogenomics/Pharmacogenetics**

207. Establishment of an Electronic Health Record-Driven Pharmacist-Managed Clinical Pharmacogenomics Service.

*J. Kevin Hicks, PharmD PhD*, Marc Willner, PharmD, Jeffrey Chalmers, PharmD, Mandy Leonard, PharmD, David Stowe, RpH, Scott Knoer, PharmD; Department of Pharmacy, Cleveland Clinic, Cleveland, OH

208. Development and Implementation of Pharmacist-Led Clinical Pharmacogenetics Services within a Personalized Medicine Program.

*Kristin Weitzel, Pharm.D., CDE, FAPhA*<sup>1</sup>, Larisa H. Cavallari, Pharm.D.<sup>2</sup>, Amanda Elsey, MHA<sup>3</sup>, Aniwa Owusu Obeng, PharmD<sup>4</sup>, Benjamin Staley, PharmD, BCPS<sup>5</sup>, Jennifer Ashton, PharmD<sup>5</sup>, Teresa Vo, PharmD<sup>6</sup>, Ben Kong, PharmD<sup>4</sup>, Tara Higgins, PharmD<sup>7</sup>, Rhonda Cooper-DeHoff, PharmD, MS, FAHA, FCCP<sup>8</sup>, Julie Johnson, Pharm.D., BCPS, FCCP, FAHA<sup>9</sup>; (1)Department of Pharmacotherapy and Translational Research; Center for Pharmacogenomics, University of Florida, Gainesville, FL; (2)Department of Pharmacotherapy and Translational Research, University of Florida, Gainesville, FL; (3)Dept of Pharmacotherapy and Translational Research, University of Florida, Gainesville, FL; (4)University of Florida, Gainesville, FL; (5)University of Florida Health Shands Hospital, Gainesville, FL; (6)University of Florida; (7)UF Health Shands Children's Hospital, Gainesville, FL; (8)Dept of Pharmacotherapy and Translational Research; Division of Cardiovascular Medicine; Center for Pharmacogenomics, University of Florida, Gainesville, FL; (9)UF Health Personalized Medicine Program; Department of Pharmacotherapy and Translational Research, Center for Pharmacogenomics; University of Florida, Gainesville, FL

### **Psychiatry**

210. Outpatient Laboratory Monitoring of Lithium and Calcium in Lithium-treated Patients with Bipolar Disorder - A Drug Utilization Evaluation.

*Dr. Chui Ping Lee, Pharm.D.*, Mr. Alan So, B Pharm., Ms. Emily Fung, B Pharm; School of Pharmacy, The Chinese University of Hong Kong, Hong Kong, Hong Kong

## **RESIDENTS AND FELLOWS RESEARCH IN PROGRESS**

### **Adult Medicine**

325. Implementation of a pharmacist driven stress ulcer prophylaxis discontinuation protocol in non critically ill patients in a community teaching hospital.

*Dr. Francesco Ciummo, Pharm.D.*<sup>1</sup>, Dr. Ashmi Philips, Pharm.D., AAHIVP<sup>2</sup>, Dr. Philip Coco, Pharm.D., BCPS<sup>1</sup>, Dr. Mona Patel, Pharm.D.<sup>1</sup>, Dr. Thom K. Nguyen, Pharm.D., BCPS, CTTS<sup>2</sup>; (1)Department of Pharmaceutical Services, Hunterdon Medical Center, Flemington, NJ; (2)Department of Pharmacy Practice and Administration, Rutgers, The State University of New Jersey, Piscataway, NJ

### **Ambulatory Care**

330. Analysis of medication discrepancies identified by clinical pharmacists in an outpatient cardiology clinic.

*Brittany Bruch, PharmD*<sup>1</sup>, Ryan Jacobsen, PharmD, BCPS<sup>1</sup>, Milena Gebaska, MD, PhD<sup>2</sup>; (1)Department of Pharmaceutical Care, University of Iowa Hospitals and Clinics, Iowa City, IA; (2)Department of Internal Medicine, University of Iowa Hospitals and Clinics, Iowa City, IA

## LATE-BREAKING RESEARCH

### Ambulatory Care

702. Evaluation of Adherence with Insulin Initiation Recommendations at a Suburban Family Medicine Clinic. Dr. Kira B. Harris, PharmD, BCPS, CDE, *Dr. Jacqueline L. Olin, MS, Pharm.D., BCPS, CDE, FCCP*; Wingate University School of Pharmacy, Wingate, NC

703. The Impact of the LACE Score and Comprehensive Medication Management on Hospital Readmission. *Anita Sharma, Pharm.D., BCACP<sup>1</sup>*, Neal Patel, Pharm.D. Candidate 2016<sup>2</sup>, Kyle Turner, Pharm.D.<sup>2</sup>, Margaret Wallace, Pharm.D., MS, BCACP<sup>1</sup>; (1)HealthEast Care System, St. Paul, MN; (2)University of Minnesota College of Pharmacy, Minneapolis, MN

### Critical Care

706. Evaluation of patient and emergency department characteristics associated with inpatient sepsis mortality: comparative analysis between sepsis and severe sepsis.

*Shereef Ali, PharmD, BCPS<sup>1</sup>*, Nikunj Vyas, PharmD<sup>2</sup>, Anthony Fryckberg, PharmD, BCPS<sup>3</sup>, Kelly Schiers, DO<sup>4</sup>; (1)Department of Pharmacy, Kennedy Health, Cherry Hill, NJ; (2)Department of Pharmacy, Kennedy Health, Stratford, NJ; (3)Department of Pharmacy, Kennedy Health, Sewell, NJ; (4)Department of Pulmonary/Critical Care Medicine, Kennedy Health, Sewell, NJ

### Geriatrics

707. Combination of Opiates and Psychoactive Medications for Risk of Falling in a Veteran Affairs Extended Care Facility.

*Jason Moss, PharmD<sup>1</sup>*, Brenda Jamerson, PharmD<sup>2</sup>, Richard Sloane, MPH<sup>3</sup>, Jack Twersky, MD<sup>4</sup>, Cathleen Colon-Emeric, MD, MHS<sup>4</sup>; (1)Campbell University College of Pharmacy and Health Sciences/Durham VA GRECC; (2)Duke Center for BioBehaviorial Health Disparities Research/Duke University Psychiatry and Behavioral Sciences/Durham VA GRECC; (3)Duke University Center for the Study of Aging/Durham VA GRECC; (4)Duke University Medical Center/Durham VA GRECC

### Oncology

701. Geranylgeranylacetone induces apoptosis via mitochondrial pathway in human melanoma cells.

*Myo-Kyoung Kim, Pharm.D., BCPS<sup>1</sup>*, Aj-Reum Jo, MS candidate<sup>2</sup>, Hyo-Soon Jeong, Ph.D.<sup>2</sup>, Hey-Young Yun, Ph.D.<sup>2</sup>, Kwang-Jin Baek, Ph.D.<sup>2</sup>, Nyoun-Soo Kwon, Ph.D.<sup>2</sup>, Dong-Seok Kim, Ph.D.<sup>2</sup>; (1)Pharmacy Practice, University of the Pacific, Stockton, CA; (2)College of Medicine, Chung-Ang University, Seoul, South Korea

### Pediatrics

704. Efficacy and safety of propranolol in Mexican patients with infantile hemangioma.

*Mr. Saul Castaneda, Student<sup>1</sup>*, Dr. Jose Luis Sanchez Palacio, Doctor<sup>1</sup>, Prof. Hermelinda De la Cruz Duran, Chemist<sup>2</sup>, Dr. Esbeydy Garcia Lopez, MD<sup>3</sup>; (1)Faculty of Chemical Sciences and Engineering, Autonomous University of Baja California, Tijuana, Mexico; (2)Pharmacy Department, Children's Hospital of the California's, Tijuana, Mexico; (3)Dermatology Department, Children's Hospital of the California's, Tijuana, Mexico

711. Pneumococcal immunization rates in pediatric cystic fibrosis patients.

*Ms. Valerie Tran, Pharm. D. Candidate*, Ms. Jessica Le, Pharm. D. Candidate, Dr. Jeffery T. Zobell, Pharm. D., Dr. Jared A. Olson, Pharm. D., Dr. Heather Balch, MD, Dr. Christopher W. Miller, MD, Dr. Sara M. Lamb, MD; University of Utah College of Pharmacy

### Transplant/Immunology

705. Clinical outcomes from de novo weight-based dosing compared to conservative dosing of tacrolimus in kidney transplant recipients.

*Dr. Angela Maldonado, PharmD, BCPS, CPP<sup>1</sup>*, Dr. Kristen Szempruch, PharmD, BCPS<sup>1</sup>, April Miller Quidley, PharmD, BCPS, FCCM<sup>2</sup>, Dr. Jenelle Hall, PharmD<sup>3</sup>, Dr. Carl Haisch, MD<sup>4</sup>; (1)Department of Transplant Surgery, Vidant Medical Center, Greenville, NC; (2)Vidant Medical Center, Greenville, NC; (3)Department of Pharmacy, New

Hanover Regional Medical Center, Wilmington,, NC; (4)Department of Transplant and Surgical Immunology, East Carolina University, Greenville, NC