



Monday, October 19

2009 ACCP Annual Meeting – 30th Anniversary

ORIGINAL RESEARCH

Adult Medicine

3. Evaluation of treatment practices for hyperkalemia in an acute care setting.
Ted Walton, PharmD¹, Kristy N. Fordjour, PharmD¹, John Doran, MD²; (1)Grady Health System, Atlanta, GA; (2)Emory University School of Medicine-Nephrology Division, Atlanta, GA

4. Proton Pump Inhibitor Use to Reduce the Gastrointestinal Risks Associated with Dual Antiplatelet Therapy of Clopidogrel and Aspirin.
Kevin L. Forrester, Pharm.D., Jiwon W Kim, Pharm.D., Emily Han, Pharm.D., Paula V Phongsamran, Pharm.D., Marc Cosep, Pharm.D., Jennifer H CupoAbbott, Pharm.D.; University of Southern California School of Pharmacy and USC University Hospital, Los Angeles, CA

Geriatrics

70. Use of Beers criteria to evaluate medical resident prescribing in elderly outpatients.
Janice L. Hallenbeck, Pharm.D.¹, Alison M. Walton, Pharm.D., BCPS², Karie A. Morrical-Kline, Pharm.D.², Toni K. Eash, Pharm.D.²; (1)St. Vincent Health, Indianapolis, IN; (2)St. Vincent Joshua Max Simon Primary Care Center, Indianapolis, IN

71E. Renal dysfunction in older patients is associated with reduced warfarin maintenance dose and decreased anticoagulation stability.
Peter Whittaker, PhD¹, Candice L. Garwood, Pharm.D.², Megan E. Kleinow, PharmD³, Kristy Curtis, PharmD⁴, Jennifer L. Clemente, PharmD³; (1)Wayne State University School of

Medicine, Cardiovascular Research Institute and Dept of Emergency Medicine, Detroit, MI; (2)Wayne State University, Detroit, MI; (3)Detroit Medical Center, Detroit, MI; (4)Detroit Receiving Hospital, Detroit, MI

72. Quality of medication use in older adults: findings from a longitudinal study.
Mary T. Roth, PharmD, MHS¹, Denise A. Esserman, PhD¹, Jena L. Ivey, PharmD¹, Morris Weinberger, PhD²; (1)University of North Carolina, Chapel Hill, NC; (2)Durham VA Medical Center, Durham, NC and University of North Carolina, Chapel Hill, NC

Herbal/Complementary Medicine

84. Nigella sativa L oil ameliorates methotrexate-induced intestinal toxicity in rats.
Rania M. Labib, MSc¹, Hafez F. Hafez, PhD¹, Osama A. Badary, PhD²; (1)National Cancer Institute, Cairo, Egypt; (2)Faculty of Pharmacy, Ain shams University, Cairo, Egypt

85. Characterizing adverse events associated with weight loss supplements reported to the Food and Drug Administration.
Cathi E. Dennehy, Pharm., D.¹, Candy Tsourounis, Pharm.D.², Phebe Kwon, Pharm., D.¹; (1)University of California, San Francisco, San Francisco, CA; (2)University of California, San Francisco, School of Pharmacy, San Francisco, CA

86. Arnica Montana not effective in leg pain.
Julie D. Adkison, PharmD, David W. Bauer, MD, PhD; Memorial Family Medicine Residency Program, Sugar Land, TX

Managed Care

127. Blood pressure control after conversion of high dose felodipine/nifedipine to amlodipine.
Jessica L. Milchak, Pharm.D., Roberta L. Shanahan, Pharm.D., Julia A. Kelleher, Pharm.D., Jane Kerzee, Pharm.D.; Kaiser Foundation of Colorado, Longmont, CO

Oncology

141. Pharmacoeconomics of pharmacogenetics of pediatric Cancer patients : Case Study on 6-mercaptopurine.

Ehab Moussa, Student¹, Ahmed Gad, Student¹, *Sherif Kamal, BSC*²; (1)Ain Shams university, Cairo, Egypt; (2)Children Cancer Hospital Cairo, Cairo, Egypt

142. Risk of skeletal-related events in patients with prostate cancer treated with pamidronate or zoledronic acid.

*Michele M. Spence, Ph.D.*¹, Rita L. Hui, Pharm.D., M.S.², Jim Chan, Pharm.D., Ph.D.², Joanne E. Schottinger, M.D.³; (1)Kaiser Permanente, Downey, CA; (2)Kaiser Permanente, Oakland, CA; (3)Kaiser Permanente, Pasadena, CA

143E. Effect of Chemotherapy-Induced Nausea and Vomiting on Clinical Oncology Practice in the United States.

*Laura Menditto, MBA, MPH*¹, Amin Haiderali, MBBS, MBA, MPH², Etta Fanning, MD, MPH, PhD³, Margaret Good, PhD⁴, April Teitelbaum, MD, MS, FACP⁵, Jessica Wegner, BA⁴; (1)GlaxoSmithKline, Philadelphia, PA; (2)GlaxoSmithKline, Collegeville, PA; (3)GlaxoSmithKline, Shavano Park, TX; (4)i3 Innovus, Eden Prairie, MN; (5)i3 Research, San Diego, CA

144. Evaluation of two closed system transfer devices in an outpatient community cancer center.

Andrea Ledford, PharmD, BCOP, Pius Maliakal, PharmD, PhD, Tom L. Rogers, PharmD, BCPS, Marie Mackey, BSN, RN; MD Anderson Cancer Center - Orlando, Orlando, FL

Psychiatry

194. Factors associated with initial choice of atypical antipsychotics.

*Rita Hui, Pharm.D., MS*¹, James Chan, Pharm.D., Ph.D.¹, Michele M. Spence, Ph.D.², Deborah R. Kubota, Pharm.D.², David R. Chandler, MD³, Paul Wilson, MD⁴; (1)Kaiser Permanente Medical Care Program, Oakland, CA; (2)Kaiser Permanente, Downey, CA;

(3)Southern California Permanente Medical Group, Santa Ana, CA; (4)The Permanente Medical Group, Redwood City, CA

195. Evaluation of the inhibitory effects of duloxetine compared to escitalopram on norepinephrine uptake in healthy subjects.

*Jill Chappell, Pharm.D.*¹, Graeme Eisenhofer, PhD², Harry Haber, MPH³, Mary Pat Knadler, PhD¹, D. Richard Lachno, DPhil⁴, Evelyn Lobo, PhD¹, Ryan Wright, PhD¹, Beth A. Pangallo, RN¹; (1)Eli Lilly and Company, Indianapolis, IN; (2)Universitätsklinikum Carl Gustav Carus, Dresden, Germany; (3)i3 Statprobe, Inc., Ann Arbor, MI; (4)Lilly UK, Windlesham, Surrey, United Kingdom

196E. Response and symptomatic remission in a long-term trial of lisdexamfetamine dimesylate in adults with attention-deficit/hyperactivity disorder.

*Keva Gwin, Pharm.D.*¹, Joel Young, MD², Greg Mattingly, MD³, Richard H. Weisler, MD⁴, Liza Squires, MD¹, Ben Adeyi, MS¹, Bryan Dirks, MD¹, Thomas Babcock, DO¹, Brian Scheckner, PharmD¹; (1)Shire Development Inc., Wayne, PA; (2)Rochester Center for Behavioral Medicine, Rochester Hills, MI; (3)Washington University, St Charles, MO; (4)Duke University Medical School and University of North Carolina College of Medicine, Durham and Chapel Hill, NC

197. Evaluating the frequency of as-needed dosing for anxiety/agitation in smoking versus non-smoking patients with schizophrenia.

G.S. Shankar, MS, PharmD, PhC, BCPP, CG; Western University of Health Sciences, Pomona, CA

198. Evaluation of paliperidone in improving positive symptoms and negative symptoms in an inpatient psychiatric facility.

*Amy Montes, Pharm.D.*¹, Jose Rey, Pharm.D., BCPP²; (1)Broward General Medical Center / Nova Southeastern University College of Pharmacy, Fort Lauderdale, FL; (2)Nova Southeastern University College of Pharmacy /

South Florida State Hospital (GeoCare Inc.),
Fort Lauderdale, FL

199. Non-continuous use of antidepressant
treatment in adults with major depressive
disorders - a retrospective cohort study.

*Chui Ping Lee, Pharm.D*¹, Winnie WY Yau,
BPharm², Grace MC Chan, PhD², Yk Wing,
PhD³, Marco HB Lam, MD⁴, Wei Lin, MD⁴,
Joyce Lam, MD⁴; (1)School of Pharmacy, The
Chinese University of Hong Kong, Hong Kong;
(2)Pharmacy Department, Prince of Wales
Hospital, Shatin, Hong Kong; (3)Department of
Psychiatry, Faculty of Medicine, The Chinese
University of Hong Kong., Shatin, Hong Kong;
(4)Department of Psychiatry, Prince of Wales
Hospital, Shatin, Hong Kong

200. Analysis of cardiovascular risk within a
mental health population.

Nancy K. Bell, PharmD, Susannah E Moroney,
PharmD; Pfizer Global Medical, West Des
Moines, IA

201. Evaluation of treatment in schizoaffective
disorder at an inpatient psychiatric facility: a
comparison of single versus combination
antipsychotic therapy with or without adjunctive
mood stabilizer.

Tatiana Yero, Pharm.D., Jose A. Rey, Pharm.D.,
BCPP; Nova Southeastern University College of
Pharmacy/South Florida State Hospital
(GEOCare, Inc.), Fort Lauderdale, FL

202E. Evaluation of treatment and clinical
outcomes of schizoaffective disorder in an
inpatient psychiatric facility.

Tatiana Yero, Pharm.D., Jose A. Rey, Pharm.D.,
BCPP; Nova Southeastern University College of
Pharmacy/ South Florida State Hospital
(GEOCare, Inc.), Fort Lauderdale, FL

204. Quality of depression care in Kentucky.

Sheila R. Botts, Pharm.D., BCPP¹, Gao Liu,
PhD, candidate², Joseph Conigliaro, MD³,
Jeffrey Talbert, PhD.¹; (1)University of
Kentucky College of Pharmacy, Lexington, KY;
(2)University of Kentucky, Lexington, KY;

(3)University of Kentucky HealthCare,
Lexington, KY

Transplant/Immunology

206. Limited sampling strategies for
mycophenolic acid area under the concentration-
time curve in islet transplant recipients.

*Mai Al-Khatib, BSc(Pharm), MSc(Pharm)*¹,
*R.Jean Shapiro, MD, FRCPC*², *Nilufar Partovi,*
*BSc(Pharm), PharmD*³, *Lillian S. L. Ting, BSc,*
*MSc, PhD*¹, *Marc Levine, PhD*¹, *Mary HH*
Ensom, PharmD, FASHP, FCCP, FCSHP,
*FCAHS*⁴; (1)University of British Columbia,
Vancouver, BC, Canada; (2)University of British
Columbia, Vancouver General Hospital,
Vancouver; (3)University of British Columbia
and Vancouver General Hospital, Vancouver,
BC, Canada; (4)University of British Columbia,
Children's & Women's Health Centre of British
Columbia, Vancouver, BC, Canada

207. Limited sampling strategies for predicting
mycophenolate area-under-the-curve in thoracic
transplant recipients.

*Lillian S. L. Ting, BSc, MSc, PhD*¹, *Nilufar*
*Partovi, BSc(Pharm), PharmD*², *Robert D. Levy,*
*MD, FRCPC*³, *Andrew P. Ignaszewski, MD,*
*FRCPC*⁴, *Mary HH Ensom, PharmD, FASHP,*
*FCCP, FCSHP, FCAHS*⁵; (1)University of
British Columbia, Vancouver, BC, Canada;
(2)University of British Columbia and
Vancouver General Hospital, Vancouver, BC,
Canada; (3)University of British Columbia, St.
Paul's Hospital and BC Transplant Society,
Vancouver, BC, Canada; (4)University of British
Columbia, St. Paul's Hospital and BC Transplant
Society, Vancouver, BC; (5)University of British
Columbia, Children's & Women's Health Centre
of British Columbia, Vancouver, BC, Canada

208E. Persistence of influenza antibody
seroprotection in lung transplant patients over
five seasons.

Mary S. Hayney, Pharm.D., M.P.H., *John JM*
Moran, BS, Allyson J. Darga, undergraduate,
Kalynn A. Rohde, undergraduate, Michael J.
Faber, PharmD student; University of
Wisconsin, Madison, WI

209. Evaluation of pre- and post-transplant glycemic control measures and association with outcomes in liver transplant recipients.

*Alison P. Healey, Pharm.D.*¹, Nick Parrish, PharmD²; (1)University Hospital: Health Alliance of Greater Cincinnati: Department of Pharmacy, Cincinnati, OH; (2)University of Cincinnati College of Pharmacy, Division of Pharmacy Practice, Cincinnati, OH

CLINICAL PHARMACY FORUM

Adult Medicine

213. The impact of glucose control in non-intensive care hospitalized patients: A retrospective review.

*Laura Labbe, Pharm.D.*¹, Sue Kim, Pharm.D., BCPS¹, Schmidt Justin, Pharm.D., BCPS¹, Todd Lee, Ph.D., Pharm.D.²; (1)Edward Hines Jr. VA Hospital, Hines, IL; (2)Edward Hines Jr VA Hospital, Hines, IL

Community Pharmacy Practice

232. Status of immunization certification among community pharmacists in Alabama.

Marilyn Brown, Pharm.D.¹, *Renee M. DeHart, Pharm.D.*²; (1)Samford University McWhorter School of Pharmacy, Birmingham, AL; (2)University of Arkansas for Medical Sciences College of Pharmacy, Little Rock, AR

233. Implementation of a community-based medication therapy management model in the underserved Mississippi delta.

Leigh Ann Ross, PharmD, BCPS, Lauren S. Bloodworth, PharmD, BCPS, Katie S. McClendon, PharmD, BCPS, James J. Pitcock, PharmD, BCPS, Margaret B. Pitcock, PharmD, BCPS, Michael Warren, PharmD; University of Mississippi School of Pharmacy, Jackson, MS

Oncology

261. Quality improvement project for prophylaxis of deep vein thromboembolism in oncology patients in a community teaching hospital.

Dianne M. Brundage, PharmD, Rosaleen Duggan, RN, MS, Andrea O'Hern, RN, Bethany

Grommesh, MD; Methodist Hospital/Park Nicollet Health Services, Minneapolis, MN

RESIDENTS AND FELLOWS RESEARCH IN PROGRESS

Adult Medicine

270. Evaluation of vitamin K administration in a community hospital.

Deborah E. Wellington, Pharm.D., Janelle Berg, Pharm.D., BCPS, Estela Trimino, Pharm.D., BCPS; Mercy Hospital, Miami, FL

271. Heel Ultrasonography in young healthy adults prescribed Selective Serotonin Reuptake Inhibitors.

*Tara R. Loan, Pharm.D.*¹, Charles F. Seifert, Pharm.D.²; (1)Texas Tech University Health Science Center School of Pharmacy, Lubbock, TX; (2)Texas Tech University Health Sciences Center School of Pharmacy, Amarillo, TX

272. Developing and implementing a pharmacist-led antimicrobial stewardship program (ASP) at a community hospital.

Deborah E. Wellington, Pharm.D., Janelle Berg, Pharm.D., BCPS; Mercy Hospital, Miami, FL

Transplant/Immunology

282. Implementing an adherence monitoring program in long-term kidney transplant recipients.

Trang Tran, Pharm.D., Jessica Lee, Pharm.D., Lannie Duong, Pharm.D., Ashley Feist, Pharm.D., BCPS, Linda Awdishu, Pharm.D., MAS; University of California-San Diego Medical Center, San Diego, CA

283. Retrospective assessment of risk factors for aspergillosis following cardiac transplantation: a case control study.

*Abigail E. Miller, PharmD*¹, Patricia P. Chang, MD, MHS¹, Jo E. Rodgers, PharmD²; (1)University of North Carolina Hospitals, Chapel Hill, NC; (2)University of North Carolina School of Pharmacy, Chapel Hill, NC

284. Retrospective evaluation of the efficacy and safety of a steroid withdrawal protocol in older kidney transplant recipients.

Kelly A. Cochran, Pharm.D.¹, David J. Thomsen, BSPHarm¹, Eric D. Whitaker, Pharm.D.¹, Sarah B. Tierney, Pharm.D.¹, Roberto S. Kalil, M.D.¹, Sony Tuteja, Pharm.D., BCPS²; (1)University of Iowa Hospitals and Clinics, Iowa City, IA; (2)University of Iowa College of Pharmacy, Iowa City, IA

STUDENT SUBMISSIONS

ADR/Drug Interactions

285. Retrospective observational study of drug interactions related to medication administration schedules in institutional patient care.

Camilla B. Farrell, Pharm.D., Candidate, *Sol H. Park, B.S., Pharm.D., Candidate*, Michael J. Gonyeau, B.S., Pharm.D., BCPS; Northeastern University School of Pharmacy, Boston, MA

286. Risk of venous thromboembolism (VTE) in clozapine-treated patients.

Julie Lauffenburger, PharmD, Candidate, Tanya J. Fabian, Pharm.D., Ph.D., Kim Coley, Pharm.D.; University of Pittsburgh School of Pharmacy, Pittsburgh, PA

Ambulatory Care

287. Therapeutic lifestyle changes: are we really promoting them? A survey to examine behavioral counseling for high-risk patients.

Magdi Awad, B.S., PharmD.Candidate, *Miki L. Finnin, PharmD, BCPS*; University of Minnesota College of Pharmacy, Duluth, MN

288. Pharmacist-performed medication reconciliation in an outpatient family medicine clinic.

Anna S. Milone, B.S., in, biology¹, Ila M. Harris, Pharm.D.², Ann M. Philbrick, Pharm.D.¹; (1)University of Minnesota College of Pharmacy, Minneapolis, MN; (2)Bethesda Family Medicine Clinic, Eden Prairie, MN

Cardiovascular

289. Induction of matrix metalloproteinase-9 (MMP-9) in rats receiving muscle derived stem cell (MDSC).

Lena Yang, Pharm.D.¹, Nestor Gonzalez-Cadavid, Ph.D.², Judy Wang, M.D.², Arezoo Campbell, Ph.D.¹, Dolores Vernet, Ph.D.², Sheryl L. Chow, Pharm.D., BCPS¹; (1)Western University of Health Sciences, Pomona, CA; (2)LA BioMed at Harbor/UCLA, Torrance, CA

290. Comparison of Efficiency between RX3000 and RX3000-2008 edition Pharmacy Management Software: Pharmacist Perspective. Sandipan Bhattacharjee, BS, *Hemalkumar B. Mehta, BS*, Swapna U. Karkare, BS, Pei Kuo, Pharm D, Sujit S. Sansgiry, PhD; University of Houston, Houston, TX

Critical Care

291. Comparison of heparin dosing based on actual body weight in obese and morbidly obese critically ill patients.

Jerilynn N. Folino, Pharmacy, Intern, Anthony T. Gerlach, PharmD, BCPS; The Ohio State University, Columbus, OH

Drug Information

292. The Development of Clinical Trial Results Database of Antineoplastic, Cardiovascular and Nonsteroidal Anti-inflammatory Agents.

Jin Yi Hong, B.S.¹, Bo Yoon Choi, B.S.¹, Hye Jin Noh, B.S.¹, Wan Gyoon Shin, Pharm.D., PhD¹, In Ja Son, Ph.D.², Jung Mi Oh, PharmD.¹; (1)College of Pharmacy, Seoul National University, Seoul, South Korea; (2)Department of pharmacy, Seoul National University Hospital, Seoul, South Korea

Education/Training

293. Evaluation of alcohol dependence in college students.

Crystal D. Bishop, PharmD_Candidate¹, *James T. Joseph, PharmD_Candidate¹*, Brenda M. Paker, PharmD, MPH_Candidate², C. Renee Rust-Yarmuth, DMin³, James D. Nash, PharmD¹; (1)Sullivan University College of Pharmacy, Louisville, KY; (2)Rollins School of

Public Health Emory University, Atlanta, GA;
(3)The Sullivan University System, Inc.,
Louisville, KY

294. Self-assessment as a tool to evaluate value of instructional objectives.

*Angela L. Bingham, Pharm.D., Candidate¹,
Mary M. Hess, Pharm.D., FASHP, FCCM²;*
(1)South Carolina College of Pharmacy,
Columbia, SC; (2)Jefferson School of Pharmacy,
Philadelphia, PA

295. Impact of pharmacy students during an advanced pharmacy practice experience in internal medicine.

*Christine K. Yocum, BA, Pharm.D.Candidate,
Elias B. Chahine, Pharm.D., BCPS; Palm Beach
Atlantic University Lloyd L. Gregory School of
Pharmacy, West Palm Beach, FL*

296. Value of first-year pharmacy students exploring clinical pharmacists' roles by attending ACCP-related regional, national, and international conferences.

*Christine Guirgius, PharmD., Candidate¹,
Maureen Shelley, PharmD., Candidate¹,
Katherine Yep, Pharm., D², Tina H. Denetclaw,
PharmD, BCPS³; (1)California Northstate
College of Pharmacy, Rancho Cordova, CA;
(2)California Pacific Medical Center, San
Francisco, CA; (3)University of California at
San Francisco, San Francisco, CA*

297. Comparing on-campus recognition, support, and challenges for ACCP Regional Chapter student membership at the University of California, San Francisco and University of Pacific.

*Steve Atallah, PharmD, Candidate¹, Jianna Tam,
PharmD, Candidate¹, Gloria Cheng, PharmD,
Candidate¹, Tam Thai, PharmD, Candidate²,
Janjri A. Desai, PharmD, Candidate², Katie Ahn,
PharmD, Candidate², Jessie Kim, PharmD,
Candidate², Katherine Yep, PharmD, FASHP³,
Tina Denetclaw, PharmD, BCPS¹; (1)University
of California at San Francisco, San Francisco,
CA; (2)University of Pacific, Stockton, CA;*

(3)California Pacific Medical Center, San
Francisco, CA

Endocrinology

298. Levothyroxine treatment and its effects on lipid levels.

*Suhas S. Ghodiwala, PharmD., Candidate, 2010,
Amarita S. Randhawa, PharmD., Candidate,
2010, Michael J. Gonyeau, B.S., Pharm.D.,
BCPS; Northeastern University, Boston, MA*

Gastroenterology

299. TpmT and the risk for hepatotoxicity after thiopurine therapy.

*Jonathan Lee, PhD, Terreia Jones, Pharm.D.,
Anand Kulkarni, M.D., Cameila Johns, M.D.,
Joseph Barnes, M.Sc.; University of Tennessee
Health Science Center, Memphis, TN*

Health Services Research

300. Workflow factors impacting the timeliness of first-dose antibiotic administration in a community hospital.

*Monica Chan, PharmD, Candidate¹, Jennifer
Chiok, PharmD, Candidate², Homa Mirzazadeh,
PharmD, Candidate², Tina Denetclaw, Pharm.D.,
BCPS¹; (1)University of California, San
Francisco, CA; (2)Touro University College of
Pharmacy (Mare Island), Vallejo, CA*

301. Effectiveness of a pharmacist-run disease state management clinic on hypertension for the Veteran population.

*Jeannette H. Truong, BS; UCSD School of
Pharmacy, La Jolla*

Hematology/Anticoagulation

302. Prevalence of daily medication adherence among children with sickle cell disease: a one-year retrospective cohort analysis.

*Niti G. Patel, PharmD, Candidate¹, Terianne
Lindsey, MSN, RN, CPNP², Robert C. Strunk,
MD², Michael R. DeBaun, MD, MPH²; (1)St.
Louis College of Pharmacy, St. Louis, MO;
(2)Washington University School of Medicine,
St. Louis, MO*

303. Management of elevated INR due to warfarin at a university teaching hospital. *Aleksandr Niyazov, PharmD., Candidate¹*, Ruslana Kushnir, PharmD., Candidate¹, Irfan Tejani, PharmD., Candidate¹, Purvi Patel, PharmD., Candidate¹, Roopali Sharma, B.S., Pharm.D., BCPS²; (1)Arnold & Marie Schwartz College of Pharmacy & Health Sciences, Brooklyn, NY; (2)State University of New York (SUNY) Health Sciences Center at Brooklyn's University Hospital of Brooklyn, Brooklyn, NY

Herbal/Complementary Medicine

304. Interactions between Korean red ginseng and warfarin in patients with cardiac valve replacement: a double-blind, randomized, crossover study.

Inkyung Yoon, B.S.¹, *Yeonhong Lee, M.S.¹*, *Byungkoo Lee, Ph.D.¹*, *Byungchul Chang, M.D., Ph.D.²*, *Hyesun Gwak, Pharm.D., Ph.D.¹*;

(1)Division of Life and Pharmaceutical Sciences, Ewha Womans University, Seoul, South Korea; (2)Division of Cardiovascular Surgery, Yonsei Cardiovascular Center and Research Institute, Yonsei University College of Medicine, Seoul, South Korea

HIV/AIDS

305. A pilot study to quantitate placental β -catenin using morphometric analysis of tissue microarray sections in women with gestational diabetes, HIV, and normal healthy pregnancies.

Andrew Tong, PharmD., Candidate¹, *Albert Franco, MD²*, *Nilsa Ramirez, MD³*, *Thomas J. Barr, BS, MBA³*, *William Beyer, BSEE, MSEE³*, *Daniel A. Brazeau, PhD¹*, *Patty Fan-Havard, PharmD.¹*; (1)University at Buffalo School of Pharmacy and Pharmaceutical Sciences, Buffalo, NY; (2)University of Charlotte, College of Medicine, Charlotte, NC; (3)The Research Institute at Nationwide Children's Hospital, Columbus, OH

Immunopharmacology

306. Immunomodulatory effects of Doxycycline in cystic fibrosis airway epithelial cells.

Timothy J. Bensman, B.S., Paul M. Beringer, Pharm.D.; University of Southern California School of Pharmacy, Los Angeles, CA

Indigent Care

307. A description of an indigent pharmacy practice setting in Costa Rica.

Christine K. Yocum, BA, Pharm.D.Candidate, *Elias B. Chahine, Pharm.D., BCPS*; Palm Beach Atlantic University Lloyd L. Gregory School of Pharmacy, West Palm Beach, FL

Infectious Diseases

308. Seasonal variation in the incidence of community-associated MRSA (CA-MRSA) skin infections among pediatric patients admitted to United States hospitals.

Kelly R. Daniels, Pharm.D.-Candidate, *Brittany R. Makos, Pharm.D.*, *Christine U. Oramasionwu, Pharm.D., M.Sc., BCPS*, *Christopher R. Frei, Pharm.D., M.Sc., BCPS*; University of Texas at Austin, Austin, TX

309. Efficacy and safety of linezolid for the treatment of gram-positive bacteremia.

Melissa Chesson, Pharm.D., Candidate¹, *Stacey Folse, Pharm.D., M.P.H., BCPS²*, *Greg Smallwood, PharmD²*; (1)Mercer University School of Pharmacy and Health Sciences, Atlanta, GA; (2)Emory University Hospital, Atlanta, GA

310. Risk of invasive fungal infection and mortality with mannose-based glycopeptides: A meta-analysis.

Wesly A. Pierce, B.S.Pharm¹, *S. Travis King, B.S.Pharm¹*, *Daniel M. Riche, Pharm.D., BCPS, CDE²*, *John D. Cleary, Pharm.D., FCCP, BCPS²*; (1)The University of Mississippi School of Pharmacy, Jackson, MS; (2)The University of Mississippi Schools of Pharmacy and Medicine, Jackson, MS

Leadership

311. Enhancing Northern California College of Clinical Pharmacy (NCCCP) events by utilizing effective roundtable discussions.

Helen B. Kim, PharmD, Candidate¹, *Stephanie A. Yoo, PharmD, Candidate¹*, *Katherine Yep,*

PharmD², Tina H. Denetclaw, PharmD, BCPS³;
(1)Touro University College of Pharmacy,
Vallejo, CA; (2)California Pacific Medical
Center, San Francisco, CA; (3)University of
California at San Francisco, San Francisco, CA
Managed Care

312. Antimicrobial prescribing patterns in
Korean Ambulatory Pediatric Population.
*Jin Yi Hong, B.S.¹, Yoo Jin Moon, M.S.¹, Eun
Hee Ji, M.S.¹, Wan Gyoon Shin, Pharm.D.,
PhD¹, In Ja Son, Ph.D², Jung Mi Oh, PharmD.¹;*
(1)College of Pharmacy, Seoul National
University, Seoul, South Korea; (2)Department
of pharmacy, Seoul National University
Hospital, Seoul, South Korea

Medication Safety

313. Second-generation antipsychotic monitoring
in a correctional setting.

*Kyle R. Mays, Pharm.D., Candidate, 2011¹,
Philip J. Wenger, Pharm.D., BCPS²;* (1)Saint
Louis College of Pharmacy, Saint Louis, MO;
(2)St. Louis College of Pharmacy, Saint Louis,
MO

Nutrition

314. Evaluation of Antidiabetic activity of
Momordica cymbalaria in streptozotocin induced
diabetic rats.

*Henis J. Patel, B.Pharmacy, Kamal Modh,
M.Pharmacy, I S. Anand, B.Pharmacy, Ph.D;*
Shree Sarvajanik Pharmacy college, Mehsana,
Gujarat, India., Mehsana, India

Oncology

315. Clinical diagnosis of K-ras codon12
mutations in lung adenocarcinomas by new high
sensitive method PNA-clamp smart
amplification process version 2.

*Takuya Araki, M.S.¹, Kimihiro Shimizu, M.D.,
Ph.D.², Katsunori Nakamura, Ph.D.¹, Tomonori
Nakamura, Ph.D.¹, Yasumasa Mitani, M.S.³,
Kyoko Obayashi, Ph.D.⁴, Yukiyoshi Fujita,
Ph.D.⁴, Seiichi Kakegawa, M.D.², Yohei
Miyamae, M.D.², Kyoichi Kaira, Ph.D.⁵,
Takefumi Ishidao, Ph.D.³, Alexander Lezhava,
Ph.D.⁶, Izumi Takeyoshi, M.D., Ph.D.²,*

*Yoshihide Hayashizaki, M.D., Ph.D.⁶, Koujirou
Yamamoto, Ph.D.¹;* (1)Department of Clinical
Pharmacology, Gunma University Graduate
School of Medicine, Maebashi, Japan;
(2)Department of Thoracic and Visceral Organ
Surgery, Gunma University Graduate School of
Medicine, Maebashi, Japan; (3)K.K.
DNAFORM, Yokohama, Japan; (4)Department
of Pharmacy, Gunma University Hospital,
Maebashi, Japan; (5)Department of Medicine
and Molecular Science, Gunma University
Graduate School of Medicine, Maebashi, Japan;
(6)Omics Science Center, RIKEN Yokohama
Institute, Yokohama, Japan

316. Prevalence of chronic kidney disease in
anemic oncology patients.

*Amber H. Diaz, B.S., Kyle Fox, B.S., Jeffrey A.
Gilreath, Pharm.D., Robert E. Lewis, Pharm.D.,
George M. Rodgers, M.D.;* Huntsman Cancer
Hospital, Salt Lake City, UT

317. Cytogenetical Aberration and Ara-C
Treatment Outcomes in Normal Karyotype (NK)
AML Patients.

*Hye Jin Noh, B.S.¹, Tae Kyung Kim, B.S.¹,
Kyung Im Kim, M.S.¹, Wan Gyoon Shin,
Pharm.D., PhD¹, In Ja Son, Ph.D², Jung Mi Oh,
PharmD.¹;* (1)College of Pharmacy, Seoul
National University, Seoul, South Korea;
(2)Department of pharmacy, Seoul National
University Hospital, Seoul, South Korea

Pharmacogenomics/Pharmacogenetics

318. Aromatase genotype in the INternational
VErpapamil SR/trandolapril STudy (INVEST).

*Megan L. Hames, BS¹, Gregory J. Welder,
PharmD¹, Julia Wittmann, AA¹, Rhonda M.
Cooper-DeHoff, PharmD, MS¹, Carl J. Pepine,
MD², Julie A. Johnson, PharmD¹, Amber L.
Beitelshees, PharmD, MPH³;* (1)University of
Florida, College of Pharmacy, Department of
Pharmacotherapy and Translational Research,
Gainesville, FL; (2)University of Florida,
College of Medicine, Department of Internal
Medicine, Division of Cardiovascular Medicine,
Gainesville, FL; (3)University of Maryland

School of Medicine, Division of Endocrinology, Diabetes and Nutrition, Baltimore, MD

319. Effect of Transporter Genetics on Rosuvastatin Pharmacokinetics and the Magnitude of the Drug-Drug Interaction Between Rosuvastatin and Lopinavir/Ritonavir in Healthy Volunteers.

Jessica A. Bannon, B.S., Christina L. Aquilante, Pharm.D., Dorie W. Hoody, Pharm.D., Julie A. Predhomme, R.N., M.S., C-A.N.P., Charles J. Foster, B.S., Alyssa M. Walker, Pharm.D., Kyle P. Hammond, B.S., Jennifer J. Kiser, Pharm.D.; University of Colorado Denver, Aurora, CO

320. Influence of pregnane X receptor gene polymorphisms on rosiglitazone pharmacokinetics in healthy volunteers.

*Kyle P. Hammond, B.S.*¹, Lane R. Bushman, B.S.¹, Shannon D. Knutsen, B.A.¹, Lisa A. Kosmiski, M.D.², Christina L. Aquilante, Pharm.D.¹; (1)University of Colorado Denver, Aurora, CO; (2)Division of Endocrinology, Diabetes, and Metabolism; University of Colorado Denver School of Medicine, Aurora, CO

321. Effect of CYP2D6 polymorphism on the pharmacokinetics of metoprolol and α -hydroxymetoprolol in healthy Korean subjects.

Sung-Min Moon, B.S., Chang-Ik Choi, B.S., Jung-Woo Bae, M.S., Mi-Jeong Kim, Ph.D., Choon-Gon Jang, Ph.D., Seok-Yong Lee, Ph.D.; College of Pharmacy, Sungkyunkwan University, Suwon, South Korea

322. CYP2C19 genetic polymorphisms significantly affected the pharmacokinetics of glimepiride in healthy Korean subjects.

Do-Hoon Kim, B.S., Chang-IK Choi, B.S., Jung-Woo Bae, M.S., Mi-Jeong Kim, Ph.D., Choon-Gon Jang, Ph.D., Seok-Yong Lee, Ph.D.; College of Pharmacy, Sungkyunkwan University, Suwon, South Korea

323. Effect of OATP1B1 genetic polymorphisms on the pharmacokinetics of ezetimibe.

Do-Hoon Kim, B.S., Chang-IK Choi, B.S., Jung-Woo Bae, M.S., Mi-Jeong Kim, Ph.D., Choon-

Gon Jang, Ph.D., Seok-Yong Lee, Ph.D.; College of Pharmacy, Sungkyunkwan University, Suwon, South Korea

324. Effect of genetic variation in CYP2C9 on the pharmacokinetics of flurbiprofen in healthy Korean subjects.

Sung-Min Moon, B.S., Chang-IK Choi, B.S., Jung-Woo Bae, M.S., Mi-Jeong Kim, Ph.D., Choon-Gon Jang, Ph.D., Seok-Yong Lee, Ph.D.; College of Pharmacy, Sungkyunkwan University, Suwon, South Korea

325. Effect of MDR1 genotype on the pharmacokinetics of ezetimibe.

Sung-Min Moon, B.S., Chang-IK Choi, B.S., Jung-Woo Bae, M.S., Mi-Jeong Kim, Ph.D., Choon-Gon Jang, Ph.D., Seok-Yong Lee, Ph.D.; College of Pharmacy, Sungkyunkwan University, Suwon, South Korea

326. Genetic polymorphisms of UGT1A8, UGT1A9, UGT2B7, and G.I. side effects of mycophenolic acid therapy in kidney transplant patients.

*Taegun Kim, Pharm.D., candidate*¹, Jae-Wook Yang, Ph.D., Pharm.D.², Ian V. Hutchinson, Ph.D., DSc³, Tariq Shah, M.D.⁴, David I. Min, Pharm.D.⁵; (1)Western University of Health Sciences, College of Pharmacy, Pomona, CA; (2)University of Kansas, Kansas City, KS; (3)USC School of Pharmacy, Los Angeles, CA; (4)National Institute of Transplantation and St. Vincent Medical Center, Los Angeles, CA; (5)Western University of Health Sciences, College of Pharmacy and National Institute of Transplantation, Pomona, CA

327. Genetic polymorphisms of UGT1A8, UGT1A9, UGT2B7, and G.I side effects of mycophenolic acid therapy in kidney transplant patients.

*Taegun Kim, Pharm.D., candidate*¹, Jae-Wook Yang, Ph.D., Pharm.D.², Ian V. Hutchinson, Ph.D., DSc³, Tariq Shah, M.D.⁴, David I. Min, Pharm.D.⁵; (1)Western University of Health Sciences, College of Pharmacy, Pomona, CA; (2)University of Kansas, Kansas City, KS;

(3)USC School of Pharmacy, Los Angeles, CA;
(4)St. Vincent Medical Center and National
Institute of Transplantation, Los Angeles, CA;
(5)Western University of Health Sciences,
College of Pharmacy and National Institute of
Transplantation, Los Angeles, CA

Pharmacokinetics/Pharmacodynamics/Drug

328. Effects of bile salts on the bioavailability of
lovastatin in rats.

*Kyunghee Kim, B.S.*¹, *Inkyung Yoon, B.S.*¹,
*Inkoo Chun, Ph.D.*², *Taekrho Kim, Ph.D.*³,
*Hyesun Gwak, Pharm.D., Ph.D.*¹; (1)Division of
Life and Pharmaceutical Sciences, Ewha
Womans University, Seoul, South Korea;
(2)College of Pharmacy, Dongduk Women's
University, Seoul, South Korea;
(3)Pharmaceutical Research Institute, CJ
Cheiljedang, Seoul, South Korea

329. Lack of significant drug interactions
between ursodeoxycholic acid (UDCA) and
pitavastatin in healthy subjects.

Do-Hoon Kim, B.S., *Chang-IK Choi, B.S.*, *Jung-
Woo Bae, M.S.*, *Mi-Jeong Kim, Ph.D.*, *Choon-
Gon Jang, Ph.D.*, *Seok-Yong Lee, Ph.D.*;
College of Pharmacy, Sungkyunkwan
University, Suwon, South Korea

330. The pharmacokinetic interactions of
OATP1B1 inhibitor and pitavastatin.

Sung-Min Moon, B.S., *Chang-IK Choi, B.S.*,
Jung-Woo Bae, M.S., *Mi-Jeong Kim, Ph.D.*,
Choon-Gon Jang, Ph.D., *Seok-Yong Lee, Ph.D.*;
College of Pharmacy, Sungkyunkwan
University, Suwon, South Korea

331. Effect of ABCC2 (MRP2) genetic
polymorphisms on the pharmacokinetics of
ezetimibe.

Do-Hoon Kim, B.S., *Chang-IK Choi, B.S.*, *Jung-
Woo Bae, M.S.*, *Mi-Jeong Kim, Ph.D.*, *Choon-
Gon Jang, Ph.D.*, *Seok-Yong Lee, Ph.D.*;
College of Pharmacy, Sungkyunkwan
University, Suwon, South Korea

Psychiatry

332. Drug attitude inventory: predictor of
medication adherence behaviors among
inpatients with bipolar disorder?.

*Anthony E. Falone, Student*¹, *Roger D. Weiss,
MD*², *Christian J. Teter, PharmD, BCPP*³;
(1)Northeastern University, Boston, MA;
(2)McLean Hospital, Belmont, MA;
(3)Northeastern University & McLean Hospital,
Boston, MA

333. Evaluation of antipsychotic polypharmacy
within a county-supported outpatient psychiatric
clinic.

*Cathy A. Chang, B.S.*¹, *Mindl Messinger, B.A.*¹,
*Jan D. Hirsch, PhD.*², *Kelly C. Lee, Pharm.D.,
BCPP*¹; (1)University of California, San Diego
Skaggs School of Pharmacy and Pharmaceutical
Sciences, La Jolla, CA; (2)University of
California, San Diego Skaggs School of
Pharmacy and Pharmaceutical Sciences, San
Diego, CA

334. Evaluation of primary care integration
within a county-supported outpatient psychiatric
services clinic.

Mindl Messinger, B.A., *Cathy A. Chang, B.S.*,
Kelly C. Lee, Pharm.D., BCPP, *Jan D. Hirsch,
Ph.D.*; University of California, San Diego
Skaggs School of Pharmacy and Pharmaceutical
Sciences, La Jolla, CA

Public Health

335. An epidemiologic study of demographic
and medical trends pre and post National Health
Insurance in Sekyeri West district of Ghana.

Yussif Dokurugu, M.A., M.P.H., *Perry Brown,
MSPH, DrPH*; Institute of Public Health,
Tallahassee, FL

Transplant/Immunology

336. Clinical risk factors for posttransplant early
and late anemia in kidney transplant patients.

*Elham Lavy, Pharm.D.*¹, *Jae-Wook Yang, Ph.D.,
Pharm.D.*², *Ian V. Hutchinson, Ph.D., DSc*³, *Tariq
Shah, M.D.*⁴, *David I. Min, Pharm.D.*⁵;
(1)Western University of Health Sciences,
College of Pharmacy, Pomona, CA;
(2)University of Kansas, Kansas City, KS;

(3)USC School of Pharmacy, Los Angeles, CA;
(4)National Institute of Transplantation and St. Vincent Medical Center, Los Angeles, CA;
(5)Western University of Health Sciences, College of Pharmacy and National Institute of Transplantation, Los Angeles, CA

337. Vascular endothelial growth factor gene polymorphisms may predict early renal function after kidney transplantation.

*Hayeon Noh, Pharm.D., candidate*¹, Hyesun Gwak, Ph.D., Pharm.D.², Jae-Wook Yang, Ph.D., Pharm.D.³, Ian V. Hutchinson, Ph.D., DSc⁴, Tariq Shah, M.D.⁵, David I. Min, Pharm.D.⁶; (1)Western University of Health Sciences, College of Pharmacy, Pomona, CA; (2)Division of Life and Pharmaceutical Sciences, Ewha Womans University, Seoul, South Korea; (3)University of Kansas, Kansas City, KS; (4)USC School of Pharmacy, Los Angeles, CA; (5)National Institute of Transplantation and St. Vincent Medical Center, Los Angeles, CA; (6)Western University of Health Sciences, College of Pharmacy and National Institute of Transplantation, Pomona, CA

RESEARCH INSTITUTE

LATE BREAKERS

Adult Medicine

340. Hyperglycemia and insulin practices among medical patients in a community teaching hospital.

*Pamela M. Moye, PharmD, BCPS*¹, Lisa M. Lundquist, PharmD, BCPS¹, Janene Marshall, PharmD², Candace Sampson, PharmD³; (1)Mercer University College of Pharmacy and Health Sciences, Atlanta, GA; (2)Chicago State University School of Pharmacy, Chicago, IL; (3)Hampton University School of Pharmacy, Hampton, VA

Ambulatory Care

341. Interventions by clinical pharmacists leading to improved diabetes care in a safety net population.

Rory E. O'Callaghan, Pharm.D., Steven Chen, Pharm.D., FASHP, Kathleen Johnson, Pharm.D., MPH, PhD; University of Southern California School of Pharmacy, Los Angeles, CA

Dallas Fort Worth American College of Clinical Pharmacy Poster

343. Highlighting the Dallas Fort Worth Chapter of the American College of Clinical Pharmacy (DFW-ACCP).

*Marissa E. Quinones, Pharm.D.*¹, Lisa M. Chastain, PharmD², Susan M. Duquaine, PharmD, BCPS³, Michelle L. Horan, Pharm.D.⁴, April Allen, Pharm.D.⁵; (1)Parkland, Dallas, TX; (2)Texas Tech University Health Sciences Center School of Pharmacy Dallas/Fort Worth Regional Campus, Dallas, TX; (3)VA North Texas Health Care System, Dallas, TX; (4)North Texas Veterans Affairs, Dallas, TX; (5)Texas Tech HSC School of Pharmacy Dallas Fort Worth Regional Campus, Dallas, TX

Drug Information

344. Effect of alvimopan on clinical outcomes after bowel resection (BR) with IV patient-controlled analgesia (IV-PCA) or thoracic epidural analgesia: a 6-month drug use evaluation (DUE) at a community healthcare system.

Abbey Pitzenberger, PharmD; Mercy Medical Center - North Iowa, Mason City, IA

Gastroenterology

347. Assessing the effect of proximal Roux-en-Y gastric bypass on upper gastrointestinal transit time: A pilot study.

*Lingtak-Neander Chan, PharmD, BCNSP*¹, Yvonne S. Lin, PhD², John R. Horn, PharmD¹, David R. Flum, MD, MPH³, Brant K. Oelschlager, MD³, Rodney J.Y. Ho, PhD², Danny D. Shen, PhD¹; (1)University of Washington, Department of Pharmacy, Seattle, WA; (2)University of Washington, Department of Pharmaceutics, Seattle, WA; (3)University of Washington, Department of Surgery, Seattle, WA

Geriatrics

348E. Are the effects of oxybutynin on cognition dependent upon the route of administration – topical or oral? A double-blind placebo controlled study employing sensitive cognitive and psychomotor testing.

Gary G. Kay, Ph.D.¹, David R. Staskin, M.D.², Scott MacDiarmid, M.D.³, Marilyn McIlwain, B.S.⁴, Naomi V. Dahl, Pharm.D.⁴; (1)Cognitive Research Corporation, St. Petersburg, FL; (2)Tufts University School of Medicine, Boston, MA; (3)Alliance Urology Specialists, Greensboro, NC; (4)Watson Laboratories, Morristown, NJ

HIV/AIDS

349. Pharmacy experiences of HIV-positive women.

Jennifer M. Cocohoba, PharmD¹, Mardge Cohen, MD², Haihong Hu, MPH³, Anjali Sharma, MD, MS⁴, Stephen J. Gange, PhD⁵, Ruth M. Greenblatt, MD¹; (1)University of California, San Francisco, San Francisco, CA; (2)Stroger Hospital and Rush Medical College, Chicago, IL; (3)Georgetown University Medical Center, Washington, DC; (4)SUNY Downstate Medical Center, Brooklyn, NY; (5)Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

Managed Care

354. Impact of a Prior Authorization Process on Exenatide Utilization.

Anthony G. Staresinic, PharmD, William Reay, PharmD; Physicians Plus Insurance Corporation, Madison, WI

Medication Safety

355. Evaluation of the Efficacy of Pharmacists Performing Medication Reconciliation in a Nursing Home in Taiwan.

chun Nan Kuo, MS; Wanfang Hospital, Taipei, Taiwan

Oncology

356. Cost-efficacy analysis of cetuximab in first-line treatment of kras wild-type metastatic colorectal cancer patients.

Armando Alcobia, Pharm.D., Ana Leandro, Pharm, D; Hospital Garcia de Orta, Almada, Portugal

Pediatrics

357E. Nephrotoxicity associated with vancomycin in children.

Maximillian W. Jahng, PharmD¹, Jennifer Le, PharmD, BCPS-ID², Susan McKamy, PharmD, BCPS³; (1)Long Beach Memorial Medical Center, Long Beach, CA; (2)University of California San Diego, Skaggs School of Pharmacy and Pharmaceutical Sciences, La Jolla, CA; (3)Miller Children's Hospital, Long Beach, CA

358. Our experience with enteral methadone to prevent opioid withdrawal due to sedation and analgesia in critically ill children.

Sean P. O'Neill, PharmD, Daniel Pung, PharmD, Vijay Srinivasan, MD; The Children's Hospital of Philadelphia, Philadelphia, PA

Pharmacoepidemiology

359. Estimating the Risk of Hepatotoxicity Associated with Fluoroquinolone Use: A Case-Control Study Using the National Veterans Affairs Database.

Thamir M. Alshammari, BPharm, M.S¹, Kerry L. Laplante, Pharm.D¹, Brian J. Quilliam, PhD², Robert G. Laforge, Sc.D², E. Paul Larrat, PhD²; (1)University Of Rhode Island and Veterans Affairs Medical Center, Providence, RI; (2)University of Rhode Island, Kingston, RI

Pharmacogenomics/Pharmacogenetics

360. Association between severe anemia and genotypes of transmembrane serine protease 6 or transferrin in kidney transplant patients.

Jae-Wook Yang, Ph.D., Pharm.D¹, Jisun Choi, Pharm.D.², Ian V. Hutchinson, Ph.D., DSc³, Tariq Shah, M.D.⁴, David I. Min, Pharm.D.⁵; (1)University of Kansas, Kansas City, KS; (2)Western University of Health Sciences, College of Pharmacy, Pomona, CA; (3)USC School of Pharmacy, Los Angeles, CA; (4)National Institute of Transplantation and St. Vincent Medical Center, Los Angeles, CA;

(5)Western University of Health Sciences, College of Pharmacy and National Institute of Transplantation, Pomona, CA

PRN

364. Highlighting the Ambulatory Care PRN.

Sheila L. Stadler, PharmD, BCPS¹, Agnes Chou, PharmD, BPCS², Jennifer N. Clements, PharmD, BCPS³, Lea E. dela Pena, PharmD, BCPS⁴, Chris Terpening, PhD, PharmD⁵; (1)Kaiser Permanente of Colorado, Lafayette, CO; (2)The Brooklyn Hospital Center, Brooklyn, NY; (3)Bernard J. Dunn School of Pharmacy, Shenandoah University, Winchester, VA; (4)Midwestern University Chicago College of Pharmacy, Downers Grove, IL; (5)West Virginia University, Charleston, WV

PRN History

365. 17 Years of Promoting Ambulatory Care: the History of the Ambulatory Care PRN.

Sunny A. Linnebur, Pharm.D.¹, Eric J. MacLaughlin, Pharm.D.², Timothy J. Ives, Pharm.D., MPH³, Terry Seaton, Pharm.D.⁴; (1)University of Colorado Denver School of Pharmacy, Aurora, CO; (2)Texas Tech University Health Sciences Center School of Pharmacy, Amarillo, TX; (3)University of North Carolina at Chapel Hill, Chapel Hill, NC; (4)St. Louis College of Pharmacy, St. Louis, MO

366. The History and Growth of the Endocrine and Metabolism PRN.

Marissa E. Quinones, Pharm.D.¹, Patricia R. Wagle, Pharm.D., BCPS², Rosalyn S. Padiyara, Pharm.D., CDE³, Dawn E. Havrda, Pharm.D., BCPS⁴, Natasha Harrigan, Pharm.D.⁵, Molly E. Graham, Pharm.D.⁶; (1)Parkland, Dallas, TX; (2)University of Cincinnati, Cincinnati, OH; (3)Midwestern University - Chicago College of Pharmacy, Downers Grove, IL; (4)Bernard J. Dunn School of Pharmacy, Shenandoah University, Winchester, VA; (5)Hampton University School of Pharmacy, Hampton, VA; (6)Texas Tech HSC School of Pharmacy - Abilene Campus, Abilene, TX

367. Pharmaceutical Industry PRN: A History of ITS Accomplishments.

Clara K. Song, PharmD¹, Andrea J. Anderson, PharmD², Julie O. Maurey, PharmD, BCPS, FCCP³, Leigh M. Vaughan, PharmD, MBA, RAC⁴, Vandana Slatter, PharmD, MPA⁵; (1)ISTA Pharmaceuticals, Inc., Irvine, CA; (2)Genentech, Inc., South San Francisco, CA; (3)Pfizer, Inc., Mentor, OH; (4)Talecris Biotherapeutics, Inc., Rtp, NC; (5)Roche Laboratories, Nutley, NJ

368. Critical Care Practice and Research Network: An Evaluation of Historical Significance.

Tyree H. Kiser, Pharm.D., BCPS¹, Erica L. Horinek, PharmD², Sarah Fichuk, PharmD³, Lance J. Oyen, PharmD, BCPS, FCCM⁴; (1)University of Colorado School of Pharmacy, Aurora, CO; (2)Sky Ridge Medical Center, Lonetree, CO; (3)Detroit Medical Center, Detroit, MI; (4)Hospital Pharmacy Services, Mayo Clinic, Rochester, MN

369. Central Nervous System (PRN) History.

Kimberly Tallian, Pharm.D., BCPP¹, Lawrence J. Cohen, PharmD, BCPP, FCCP²; (1)University of California, San Diego Medical Center, San Diego, CA; (2)Washington State University - Spokane, Spokane, WA

370. History of the education and training practice and research network.

Nancy L. Shapiro, Pharm.D., BCPS¹, Anna Wodlinger Jackson, PharmD, BCPS², Tina Denetclaw, Pharm.D., BCPS³, Patricia Orlando, PharmD, FCCP⁴; (1)University of Illinois at Chicago College of Pharmacy, Chicago, IL; (2)Temple University School of Pharmacy, Philadelphia, PA; (3)University of California, San Francisco, San Francisco, CA; (4)University of Utah College of Pharmacy, Salt Lake City, UT

371. The history of the Immunology/Transplant PRN.

Immunology Transplantation PRN, members¹, *Tiffany E. Kaiser, Pharm.D.²*; (1)American

College of Clinical Pharmacy, Lenexa, KS;
(2)University of Cincinnati, Cincinnati, OH

372. History of the ACCP GI/Liver/Nutrition PRN.

*David R. Foster, Pharm.D.*¹, Maria Ballod, Pharm.D.², Michael D. Kraft, Pharm.D.³;
(1)Purdue University, Department of Pharmacy Practice, Indianapolis, IN; (2)Mayo Clinic, Jacksonville, FL; (3)University of Michigan Health System, Ann Arbor, MI

373. Pediatrics Practice and Research Network History.

Katherine P. Smith, Pharm.D., BCPS; University of Southern Nevada College of Pharmacy - South Jordan Campus, South Jordan, UT

374. A brief history. A long future. The Emergency Medicine Practice Research Network.

*Michael C. Thomas, PharmD*¹, Nicole M. Acquisto, PharmD², Kyle A. Weant, PharmD³, Mary Beth Shirk, PharmD⁴, Victor Cohen, Pharm.D.⁵, Pamela Lada Walker, PharmD⁶, Asad E. Patanwala, Pharm.D.⁷; (1)South University, Savannah, GA; (2)University of Rochester Medical Center, Rochester, NY; (3)University of Kentucky HealthCare, Lexington, KY; (4)The Ohio State University Medical Center, Columbus, OH; (5)Maimonides Medical Center, Brooklyn, NY; (6)University of Michigan Hospital, Ann Arbor, MI; (7)University of Arizona, Tucson, AZ

375. History of the Nephrology PRN.

Ruth Ann Subach, PharmD, BCPS; Chair, Nephrology PRN (2008-2009), West Conshohocken, PA

376. Clinical Administration PRN history.

*Bob Lobo, Pharm.D.*¹, Andrea Balog, Pharm.D.², Herbert Mathews III, PharmD³, Emilie Karpiuk, PharmD, BCOP⁴, Suzanne B. Wortman, PharmD., BCPS⁵, John Noviaskey, PharmD⁶;
(1)Vanderbilt University, Nashville, TN;
(2)Loma Linda University Medical Center and School of Pharmacy, Loma Linda, CA;
(3)Carroll Hospital Center, Westminster, MD;

(4)Froedtert Hospital, Milwaukee, WI;
(5)DuBois Regional Medical Center, DuBois, PA; (6)SUNY Upstate Medical University, Syracuse, NY

377. Hematology/Oncology Practice and Research Network: Fifteen Years of Growth.

*Karen R. Smethers, PharmD, BCOP*¹, Stacy S. Shord, PharmD, BCOP², Jodi L. Grabinski, PharmD, MS, BCOP³; (1)Beth Israel Deaconess Medical Center, Boston, MA; (2)FDA, Silver Spring, MD; (3)South Texas Accelerated Research Therapeutics, San Antonio, TX

378. ACCP Geriatrics PRN history poster.

Jeannie K. Lee, Pharm.D, BCPS¹, *Heather Bieber, Pharm.D, CGP, BCPS*², Carlos Rojas-Fernandez, Pharm.D, BCPP³; (1)University of Arizona, College of Pharmacy Pharmacy Practice and Science, Tucson, AZ; (2)North Florida/South Georgia Veterans Health System (NF/SG VHS), Lake City, FL; (3)Bristol-Myers Squibb, Gaithersburg, MD

379. History of the American College of Clinical Pharmacy's infectious diseases practice and research network (ID-PRN).

*Elizabeth B. Hirsch, PharmD*¹, Melinda M. Neuhauser, PharmD, MPH², Elizabeth Dodds Ashley, PharmD, MHS, BCPS³, Jason C. Gallagher, PharmD, BCPS⁴, Elizabeth D. Hermesen, Pharm.D., M.B.A., BCPS, (AQ-ID)⁵, Daryl D. DePestel, PharmD, BCPS, (AQ-ID)⁶, Erika J. Ernst, PharmD, FCCP, BCPS, (AQ-ID)⁷;
(1)St. Luke's Episcopal Hospital, Houston, TX;
(2)U.S. Department of Veterans Affairs, Chicago, IL; (3)University of Rochester Medical Center, Rochester, NY; (4)Temple University School of Pharmacy, Philadelphia, PA; (5)The Nebraska Medical Center, Omaha, NE;
(6)University of Michigan Health System, Ann Arbor, MI; (7)College of Pharmacy, The University of Iowa, Iowa City, IA

380. American College of Clinical Pharmacy, Women's Health Practice and Research Network: A History.

Shareen Y. El-Ibiary, Pharm.D., BCPS¹, Annie Kai I. Cheang, Pharm.D., M.Sc., BCPS², Alicia B. Forinash, Pharm.D., BCPS, CCD³, Patricia R. Wagle, Pharm.D., BCPS⁴, Jennifer McIntosh, Pharm.D.⁵, David L. Lourwood, Pharm.D., BCPS, FCCP⁶; (1)Midwestern University, College of Pharmacy-Glendale, Glendale, AZ; (2)VCU Medical College of Virginia, Richmond, VA; (3)St. Louis College of Pharmacy, Saint Louis, MO; (4)University of Cincinnati, Cincinnati, OH; (5)Northeastern University-Bouve College of Health Sc, Boston, MA; (6)Poplar Bluff Regional Med Ctr, Poplar Bluff, MO

381. The history of the Pharmacokinetics/Pharmacodynamics (PK/PD) PRN.

Philip E. Empey, Pharm.D., Ph.D., BCPS¹, Brian R. Overholser, Pharm.D.², Daniel A. Lewis, Pharm.D., BCPS³, Julie H. Oestreich, Pharm.D., Ph.D.⁴; (1)School of Pharmacy, University of Pittsburgh, Pittsburgh, PA; (2)School of Pharmacy & Pharmaceutical Sciences, Purdue University and School of Medicine, Indiana University, Indianapolis, IN; (3)University of Kentucky HealthCare, Lexington, KY; (4)University of Kentucky, Lexington, KY

382. Getting to the heart of the cardiology practice and research network: A historical evaluation and reflection.

Toby Trujillo, Pharm.D., BCPS¹, Robert Lee Page II, Pharm.D., MSPH, FCCP, FAHA, BCPS¹, Orly Vardeny, Pharm.D., BCPS², Barbara Wiggins, Pharm.D., FAHA, FNLA, BCPS, CLS³; (1)University of Colorado Denver School of Pharmacy, Aurora, CO; (2)Pharmacy Practice Division, University of Wisconsin School of Pharmacy, Madison, WI; (3)University of Virginia Health System, Charlottesville, VA

383. What's HOt in ACCP? A history of the American College of Clinical Pharmacy's Health Outcomes Practice and Research Network.
Brenda M. Parker, PharmD, BCPS¹, Doug Steinke, Ph.D.², Joseph A. Paladino, PharmD³,

Glen T. Schumock, Pharm.D., MBA⁴, Kathy Bungay, Pharm.D.⁵, Marianne McCollum, PhD, RPh⁶, Daniel R. Touchette, Pharm.D., M.A.⁷; (1)Humana Inc, Louisville, KY; (2)University of Kentucky HealthCare, Lexington, KY; (3)CPL Associates LLC, Buffalo, NY; (4)Center for Pharmacoeconomic Research, University of Illinois at Chicago, Chicago, IL; (5)Tufts-New England Medical Center, Boston, MA; (6)University of Colorado School of Pharmacy, Denver, CO; (7)University of Illinois at Chicago, Chicago, IL

384. History of the Adult Medicine Practice and Research Network.

Darcie L. Keller, PharmD., BCPS¹, Joel C. Marrs, Pharm.D., BCPS², Beth H. Resman-Targoff, Pharm.D., FCCP³, Suzanne B. Wortman, PharmD., BCPS⁴; (1)Kansas City Veterans Affairs Medical Center, Kansas City, MO; (2)Oregon State University College of Pharmacy, Portland, OR; (3)University of Oklahoma College of Pharmacy, Oklahoma City, OK; (4)DuBois Regional Medical Center, DuBois, PA

385. History of the Pain and Palliative Care Practice and Research Network.

Lee A. Kral, Pharm.D.¹, David Craig, Pharm.D.²; (1)Pain and Palliative Care PRN, Iowa City, IA; (2)H. Lee Moffitt Cancer Center, Tampa, FL

Urology

386E. Silodosin, an alpha-blocker for the treatment of the signs and symptoms of benign prostatic hyperplasia, can be sprinkled on applesauce without effect on bioavailability.

Naomi V. Dahl, Pharm.D., Weining Volinn, M.S., Scott Olsen, M.P.H.; Watson Laboratories, Morristown, NJ

Women's Health

387E. Side effects of oral nifedipine as a tocolytic.

Ema Ferreira, B.Pharm., M.Sc., Pharm.D., Laurence Spiesser-Robelet, D.Pharm, Brigitte-Zoé Martin, B.Pharm., M.Sc., François Audibert, MD, Jean-François Bussièrès, B.Pharm., M.Sc.,

MBA; CHU Ste-Justine - Université de
Montréal, Montreal, Canada