

**27<sup>th</sup> ANNUAL RESEARCH  
SHOWCASE AND AWARDS  
RECOGNITION DAY**

**THURSDAY, FEBRUARY 20<sup>TH</sup>, 2014**



**UNIVERSITY OF FLORIDA  
COLLEGE OF PHARMACY**

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## SCHEDULE OF EVENTS

8:00am - 9:00am Set-up Poster Presentations (Reception Hall, HPNP Building)

### **POSTER COMPETITION**

9:00am - 11:30am **Poster Competition** – Students Present for Judging (Reception Hall, HPNP Building)

11:45am - 12:45pm **Luncheon** – Sponsors and Judges (Dean’s Conference Room, Room 4307, HPNP Building)

### **ORAL COMPETITION**

12:55pm - 1:05pm **Introduction** – Dr. Taimour Langae, Research Associate Professor, Pharmacotherapy & Translational Research (Room C1-15, Communicore Building)

**Levitt Division** (20 minute presentations)

1:05pm - 1:25pm Wei Liu  
1:25pm - 1:45pm Xinyue Liu

**Junior Division** (15 minute presentations)

1:50pm - 2:05pm Michelle Suzanne Bousquet  
2:05pm - 2:20pm Ahmed Elshikha  
2:20pm - 2:35pm Kaley MacFadyen  
2:35pm - 2:50pm Mohamed Shahin

2:50pm - 3:00pm **BREAK**

**Senior Division** (20 minute presentations)

3:00pm - 3:20pm Erin Jackson  
3:20pm - 3:40pm Bhargava Kandala  
3:40pm - 4:00pm Marina Kawaguchi-Suzuki

4:15pm - 5:15pm **Keynote Address** – Deanna L. Kroetz, Ph.D., Professor of Bioengineering and Therapeutic Science; Director, Pharmaceutical Sciences and Pharmacogenomics Graduate Program, Schools of Pharmacy and Medicine, University of California San Francisco, “*Clinical and Functional Pharmacogenomic Studies in Breast Cancer*” (Room C1-15, Communicore Building)

5:15pm - 7:00pm **Awards Reception** – Refreshments and Announcement of Winners (Reception Hall, HPNP Building)

## ORAL COMPETITION

### **LEVITT DIVISION**

#1 Presenter: **Wei Liu**  
Department: Pharmaceutical Outcomes and Policy  
Research Title: Utilization Pattern of Phosphodiesterase Type 5 Inhibitors for Erectile Dysfunction among Commercially Insured Adults in the United States: Analysis of Health Plan Member Claims

#2 Presenter: **Xinyue Liu**  
Department: Pharmaceutical Outcomes and Policy  
Research Title: Development of a Novel Approach to Assess Psychotropic Polypharmacy in Administrative Databases

### **JUNIOR DIVISION**

#1 Presenter: **Michelle Suzanne Bousquet**  
Department: Medicinal Chemistry  
Research Title: Probing the Cytoprotective Nrf2-ARE Pathway using Natural Product and Genomic Based Approaches

#2 Presenter: **Ahmed Elshikha**  
Department: Pharmaceutics  
Research Title: Therapeutic Potentials of Human  $\alpha$ -1 Antitrypsin (hAAT) for the Treatment of Lupus-The Effect on Dendritic Cell (DC) Maturation and its Functions

#3 Presenter: **Kaley MacFadyen**  
Department: Pharmacodynamics  
Research Title: Oxytocin Inhibits Ethanol Intake Possibly via a Direct Effect on Mesolimbic Dopamine Neurons

#4 Presenter: **Mohamed Shahin**  
Department: Pharmacotherapy & Translational Research  
Research Title: Integrating Pharmacometabolomics with Pharmacogenomics Reveals a Novel Biomarker Associated with Blood Pressure Response in Hydrochlorothiazide Treatment Patients

### **SENIOR DIVISION**

#1 Presenter: **Erin Jackson**  
Department: Medicinal Chemistry  
Research Title: Glucuronidation of Triclosan in Human Liver Microsomes and Expressed UDP-Glucuronosyltransferases (UGTs)

#2 Presenter: **Bhargava Kandala**  
Department: Pharmaceutics  
Research Title: Application of Modeling and Simulation in Clinical Dose Selection during First in Human (FIH) Phase-1 Clinical Trial

#3 Presenter: **Marina Kawaguchi-Suzuki**  
Department: Pharmacotherapy & Translational Research  
Research Title: Pharmacodynamic Association of Pioglitazone and its Active Metabolites with Liver Outcomes among Patients Diagnosed with Nonalcoholic Steatohepatitis

## POSTER COMPETITION

- # 1 Therapeutic Potential of Alpha-1 Antitrypsin and Mesenchymal Stem Cells for the Treatment of Osteoporosis**  
Presenters: Mohammad Ahsanul Akbar (Pharmaceutics/Graduate Student)  
Authors: M Akbar, A Elshikha, Y Lu, M-J Chen, S Song
- # 2 Aprazole, A Linear Analogue of the Potent Anticancer Apratoxins from the Marine Cyanobacterium *Moorea Bouillonii*: Isolation, Structure Elucidation, Bioactivity and Biosynthetic Implications**  
Presenter: Fatma Al-Awadhi (Medicinal Chemistry/Graduate Student)  
Authors: F Al-Awadhi, R Ratnayake, S Matthew, V Paul, H Luesch
- # 3 A Pharmacokinetic Model Simulating the Absorption, Distribution and Elimination of Gold Nanoparticles Following an Oral Administration**  
Presenter: Ahmed Alalaiwe (Pharmaceutics/Graduate Student)  
Authors: A Alalaiwe, G Hinkley, S Roberts
- # 4 Epidemiology of Tympanoplasty in Children with Tympanic Tubes**  
Presenter: Adel Alrwisan (Pharmaceutical Outcomes and Policy/Graduate Student)  
Authors: A Alrwisan, P Antonelli, A Winterstein
- # 5 Levofloxacin Dose Optimization for Multidrug Resistant Tuberculosis Based on Lung Microdialysis in Patients**  
Presenter: Aline Bergesch Barth (Pharmaceutics/Graduate Student)  
Authors: A Barth, R Singh, J May, J Johnson, E Prieto, R Isaza, R Kempker, C Peloquin, H Derendorf
- # 6 Assessing the Relationship between the Extent of Adsorption of Drug onto Charcoal and their Physicochemical Properties**  
Presenter: Sharvari Bhagwat (Pharmaceutics/Graduate Student)  
Authors: S Bhagwat, M Jetzer, A Goes, G Hochhaus
- # 7 Effect of Metal Ion on Minimum Inhibitory Concentrations of Tigecycline against *Escherichia Coli***  
Presenter: Nadia Bharose (Pharmaceutics/Graduate Student)  
Authors: N Bharose, T Schumacher, R Singh, S Sy, J Mukker, H Derendorf
- # 8 Discovery, Synthesis, and Biological Evaluation of Apratyramide, a Transcriptional Modulator of Dipeptidyl Peptidase 4 with Selective Anticancer Activity Isolated from a Marine Cyanobacterium**  
Presenter: Weijing Cai (Medicinal Chemistry/Graduate Student)  
Authors: W Cai, L Salvador, W Zhang, S Matthew, R Ratnayake, V Paul, L Dang, H Luesch

## POSTER COMPETITION (cont.)

- # 9 The Composition of Excitatory Synaptic Current in Cortical Layer 2/3 Pyramidal Neurons in Young and Aged Rodents**  
Presenter: Haley Carpenter (Pharmacodynamics/Graduate Student)  
Authors: H Carpenter, K Kelly, J Bizon, C Frazier
- # 10 A Pharmacogenomic Genome-Wide Association Study (GWAS) for New Onset Diabetes (NOD) in the International Verapamil Study (INVEST)**  
Presenter: Shin-Wen Chang (Pharmacotherapy & Translational Research/Graduate Student)  
Authors: S-W Chang, C McDonough, Y Gong, C Pepine, J Johnson, R Cooper-DeHoff
- # 11 Cost-Effectiveness of Fidaxomicin for the Treatment of *Clostridium difficile* Infection**  
Presenter: Chao Chen (Pharmaceutical Outcomes and Policy/Graduate Student)  
Authors: C Chen, H Park, A Hartzema
- # 12 Identification of Risk Factors Associated with Falls among Hospital Inpatients to Develop Dynamic Risk Models**  
Presenter: Yoonyoung Choi (Pharmaceutical Outcomes and Policy/Graduate Student)  
Authors: Y Choi, B Staley, T Johns, A Winterstein
- # 13 The Impact of Epilepsy on Employment Status: A Retrospective Cohort Study**  
Presenter: Chintan Dave (Pharmaceutical Outcomes and Policy/Graduate Student)  
Authors: C Dave, A Hartzema
- # 14 Racial and Ethnic Variations in Lifestyle and Dietary Patterns among Women with History of Gestational Diabetes**  
Presenter: Ghadeer Dawwas (Pharmaceutical Outcomes and Policy/Graduate Student)  
Authors: G Dawwas, L Bakhireva
- # 15 A Physiologically Based Pharmacokinetic Model of Gefitinib Disposition: from Rat to Man**  
Presenter: Jiexin Deng (Pharmaceutics/Graduate Student)  
Authors: J Deng, L Lesko, G An
- # 16 Genome Wide Association Analysis of Resistant Hypertension in INVEST**  
Presenter: Nihal El Rouby (Pharmacotherapy & Translational Research/Graduate Student)  
Authors: N El Rouby, J Johnson, C McDonough
- # 17 In-vitro uses of Microdialysis to Measure Unbound Drug Concentrations**  
Presenter: Nivea Maria Simoes Falcao (Pharmaceutics/Graduate Student)  
Authors: N Falcao, R Singh, D Gonzalez, S Pieper, H Derendorf
- # 18 Identification and Selective Stimulation of Hypothalamic Corticotropin Releasing Hormone Containing Neurons Expressing Light Sensitive Channelrhodopsin-2**  
Presenter: Scott William Harden (Pharmacodynamics/Graduate Student)  
Authors: S Harden, E Krause, C Frazier

## POSTER COMPETITION (cont.)

- # 19 Building a Predictive Risk Model for QT Prolongation in the Inpatient Setting using Electronic Health Record Data**  
Presenter: Juan M. Hincapie Castillo (Pharmaceutical Outcomes and Policy/Graduate Student)  
Authors: J Hincapie Castillo, A Winterstein, A Saidi
- # 20 Development and Optimization of an In-vitro Dissolution System for Inhaled Drug Products**  
Presenter: Martin Jetzer (Pharmaceutics/Graduate Student)  
Authors: S. Bhagwat, M Jetzer, A Krome, A Goes, R Rajan, G Hochhaus
- # 21 Age-related Changes in GABA<sub>B</sub> Receptor Mediated Inhibitory Tone in the Medial Prefrontal Cortex**  
Presenter: Kyle Kelly (Pharmacodynamics/Graduate Student)  
Authors: K Kelly, H Carpenter, J Bizon, C Frazier
- # 22 Inflight Pharmacokinetic and Pharmacodynamic Responses to Medications Commonly used in Spaceflight**  
Presenter: Johannes Kast (Pharmaceutics/Graduate Student)  
Authors: J Kast, L Barger, Y Bokrand-Donatelli, H Derendorf, S Smith, V Wotring
- # 23 The Effect of Peripheral Salt Loading on Central Circuits that Regulate Stress**  
Presenter: Dipanwita Pati (Pharmacodynamics/Graduate Student)  
Authors: D Pati, C Frazier, J Smith, A de Kloet, E Krause
- # 24 A National Survey to Prioritize Preventable Adverse Drug Events in the Hospital Setting**  
Presenter: Nakyung Jeon (Pharmaceutical Outcomes and Policy/Graduate Student)  
Authors: N Jeon, A Winterstein
- # 25 Towards the Total Synthesis of Lyngbyastatin 7 for the Treatment of Pulmonary Diseases**  
Presenter: Danmeng Luo (Medicinal Chemistry/Graduate Student)  
Authors: D Luo, Q-Y Chen, H Luesch
- # 26 Building a Predictive Risk Model for Drug-induced Kidney Injury in the Inpatient Setting using Electronic Health Record Data**  
Presenter: Nakyung Jeon (Pharmaceutical Outcomes and Policy/Graduate Student)  
Authors: N Jeon, A Winterstein
- # 27 Fibroblast Growth Factor Peptide (FGF-P): Mitigation Agent for Treatment of Various Radiation Syndromes**  
Presenter: Ing-orn Prasanchaimontri (Pharmaceutics/Graduate Student)  
Authors: I Prasanchaimontri, R Singh, H Derendorf, P Okunieff

## POSTER COMPETITION (cont.)

- # 28 Secretions of Adipose Derived Stem Cells for the Treatment of Monocrotaline Induced Pulmonary Hypertension**  
Presenter: Anandharajan Rathinasabapathy (Pharmacodynamics/Graduate Student)  
Authors: A Rathinasabapathy, V Shenoy, E Bruce, A Espejo, M Raizada, M Katovich
- # 29 Examining the Association between Risk Taking Behavior and Human Papilloma Virus (HPV) Vaccination Status**  
Presenter: Donna R. Rivera (Pharmaceutical Outcomes and Policy/Graduate Student)  
Authors: D Rivera, E Eworuke, A Hartzema
- # 30 Whole Transcriptome Analysis to Identify Differentially Expressed Genes Associated with Blood Pressure Responses to Hydrochlorothiazide Monotherapy**  
Presenter: Ana Caroline Costa Sá (Pharmacotherapy & Translational Research/Graduate Student)  
Authors: A Sá, A Webb, Y Gong, T Langae, R Cooper-DeHoff, W Sadee, J Johnson
- # 31 Personalizing Antiplatelet Therapy: Development of a Physiology-based and Genotype-directed Dosing Algorithm for Clopidogrel**  
Presenter: Snehal Samant (Pharmaceutics/Graduate Student)  
Authors: S Samant, X-L Jiang, R Horenstein, A Shuldiner, L Yerges-Armstrong, M Trame, L Lesko, S Schmidt
- # 32 A Simulation Model to Predict the Pharmacokinetics of Intranasally Administered Fluticasone Propionate**  
Presenter: Uta Schilling (Pharmaceutics/Graduate Student)  
Authors: U Schilling, G Hochhaus, B Kandala
- # 33 Exploring the Synergy of TKIs Combination Therapy – A Pilot Study of P-gp-mediated Interaction between Dasatinib and Imatinib in LLC pk1 Cells**  
Presenter: Jie Shao (Pharmaceutics/Graduate Student)  
Authors: J Shao, J Deng, D Bei, G An
- # 34 Exploring Factors that Impact the Activity of a Polycyclic Aromatic Hydrocarbon Exposure Biomarker, EROD, in Livers of Finfish from the Gulf of Mexico**  
Presenter: Marci Smeltz (Medicinal Chemistry/Graduate Student)  
Authors: M Smeltz, L Glicksman, G Zhong, L Rowland-Faux, M James, A Kane, W Patterson
- # 35 Systematic Review and Meta-Analysis of Gender Impact on Rheumatoid Arthritis Treatment Response**  
Presenter: Xuyang Song (Pharmaceutics/Graduate Student)  
Authors: X Song, L Fang, P Ji, Y-M Wang, Y Wang, C Sahajwalla, J Lee, J Maynard, S Yim, H Derendorf, D Bashaw

**POSTER COMPETITION (cont.)**

- # 36 Establishment of an In Vitro Model for Studying Neuron-Microglia Interplay in Ischemic Injury: Potential Role of Ischemia Responsive Protein (Irp94)**  
Presenter: Rajiv Tikamdas (Pharmacodynamics/Graduate Student)  
Authors: R Tikamdas, S Song, B Liu
- # 37 Ceftriaxone Medocartil (BAL-5788) for the Treatment of Complicated Skin and Skin Structure Infections**  
Presenter: Amelia Tucker (Pharmaceutics/Graduate Student)  
Authors: A Tucker, A Barbour, H Derendorf
- # 38 Evaluation of Clinical Outcomes and Vancomycin AUC/MIC Ratio in Patients with MRSA Bacteremia**  
Presenter: Alexander Voelkner (Pharmaceutics/Graduate Student)  
Authors: A Voelkner, B McCullough, K Klinker, H Derendorf
- # 39 Angiotensin Converting Enzyme 2 Acts in the Brain to Decrease Anxiety-like Behavior and Stress-induced Activation of the Hypothalamic-Pituitary-Adrenal Axis**  
Presenter: Lei Wang (Pharmacodynamics/Graduate Student)  
Authors: L Wang, A de Kloet, H Hiller, J Smith, D Pioquinto, D Nguyen, S Oh, M Katovich, M Raizada, E Krause
- # 40 Chloride and Other Anions Inhibit Dichloroacetate-induced Anactivation of Human Liver GSTZ1 in a Haplotype-dependent Manner**  
Presenter: Guo Zhong (Medicinal Chemistry/Graduate Student)  
Authors: G Zhong, W Yi, Y Gu, T Langaee, P Stacpoole, M James
- # 41 Validation of Algorithms to Establish the Beginning of Pregnancy in Medicaid Database**  
Presenter: Yanmin Zhu (Pharmaceutical Outcomes and Policy/Graduate Student)  
Authors: A Winterstein, C Knox, Y Zhu
- # 42 Novel Biocatalyst Development: The Creation of Self-sufficient P450 Monooxygenases for Aromatic Nitration Reactions**  
Presenter: Ran Zuo (Medicinal Chemistry/Graduate Student)  
Authors: R Zuo, Y Ding
- # 43 ESBL Bacteremia: Defining a Role for Cefepime**  
Presenter: Joseph M. Abbatematteo (Gainesville Campus/Professional Student)  
Authors: J Abbatematteo, K Hernando, J Pardo, S Borgert, K Klinker
- # 44 Compliance with IDSA CAP Guidelines for Empiric Therapy and Streamlining Based on Cultures and Sensitivity**  
Presenter: Britney Bisio (St. Pete Campus/Professional Student)  
Authors: B Bisio, R Wilson, C Field

**POSTER COMPETITION (cont.)**

- # 45 Development of a Method to Analyze Fluconazole and Baicalein Simultaneously**  
Presenter: Lukas Diederich (Gainesville Campus/Professional Student)  
Authors: L Diederich, A Matsushima, A Diniz, H Derendorf
- # 46 The Effects of Statin Therapy on PPAR $\gamma$  Protein Expression**  
Presenter: Brian Gawronski (Gainesville Campus/Professional Student)  
Authors: B Gawronski, B Zhang, R Wang, R Cooper-DeHoff
- # 47 Effects of Coenzyme Q10 Supplementation on Statin-Induced Glucose Dysregulation in 3T3-L1 Adipocytes**  
Presenter: Erika Giblin (Gainesville Campus/Professional Student)  
Authors: E Giblin, B Zhang, R Cooper-DeHoff
- # 48 P4P: Performance Reports that Alter Patient and Provider Behavior**  
Presenter: Lauren Hundley (Gainesville Campus/Professional Student)  
Authors: L Hundley, E Lipowski
- # 49 Development of a Prediction Model of Drug Induced Hypoglycemia in Inpatient Setting**  
Presenter: Aaron Joseph (St. Pete Campus/Professional Student)  
Authors: A Joseph, A Winterstein
- # 50 Predictors of Adherence to Non-Warfarin Oral Anticoagulants in Non-Valvular Atrial Fibrillation**  
Presenter: Maryam M. Khazraee (Gainesville Campus/Professional Student)  
Authors: M Khazraee, P Gleason, C Starner, Y Qiu
- # 51 Analysis of a Pharmacodynamic Crossover Study Conducted to Establish Bioequivalence of Formoterol Aerolizer and Formoterol Novolizer**  
Presenter: Brian Maas & Roy Joseph (Gainesville Campus/Professional Students)  
Authors: B Maas, R Joseph, B Kandala, L Hendeles, S Yong, G Hochhaus
- # 52 Outcomes Associated with *Clostridium difficile* in Neutropenic Oncology Patients**  
Presenter: Emily McCleary (Gainesville Campus/Professional Student)  
Authors: E McCleary, K Klinker, G Trikha
- # 53 Review of Continuing Education and Published Literature Related to Women's Health and Pharmacy**  
Presenter: Cynthia Moreau (Gainesville Campus/Professional Student)  
Authors: C Moreau, D Wilson

**POSTER COMPETITION (cont.)**

- # 54 Mas Antagonist Blocks the Beneficial Effects of AT2 Receptor Agonist in a Model of Pulmonary Hypertension**  
Presenter: Allison Oswalt (Gainesville Campus/Professional Student)  
Authors: A Oswalt, E Bruce, V Shenoy, M Raizada, U Steckelings, C Sumners, M Katovich
- # 55 A Systematic Review of Preventable Adverse Drug Events in Pediatric Inpatients**  
Presenter: Crystal D. Rose (Gainesville Campus/Professional Student)  
Authors: C Rose, A Winterstein
- # 56 Maternal Hypercortisolemia and Hyperglycemia Increases Lipid Peroxidation in Fetal Pericardial Fat**  
Presenter: Katelyn Zeringue (Gainesville Campus/Professional Student)  
Authors: K Zeringue, E Richards, M Keller-Wood
- # 57 Investigating the Effect of Plasma Protein Binding on the Pulmonary Pharmacodynamics after Inhalation of Budesonide and Ciclesonide**  
Presenter: Mongjen Chen (Pharmaceutics/Post-doctoral Fellow)  
Authors: S Bhagwat, A Krome, M Chen, M Jetzer, G Hochhaus
- # 58 Does Pharmacist-Physician Collaboration in Medication Therapy Management (MTM) Improve Care?**  
Presenter: Patrick Cogan (Pharmacotherapy & Translational Research/ Post-doctoral Fellow)  
Authors: K Vogel Anderson, P Cogan, D Pierini, E Rosenberg
- # 59 Novel Cyclic Peptoids to Target HIV RNA for AIDS Therapy**  
Presenter: Junjie Fu (Medicinal Chemistry/ Post-doctoral Fellow)  
Authors: J Fu, Y Zhang, V Wong, X Qi
- # 60 Mechanism-based Evaluation of Codeine Toxicity in Children**  
Presenter: Puneet Gaitonde (Pharmaceutics/ Post-doctoral Fellow)  
Authors: P Gaitonde, M Trame, S Syvanen, L Lesko, S Schmidt
- # 61 The Roles of Chloride and GSTZ1 in the Metabolism of Dichloroacetate**  
Presenter: Stephan Jahn (Medicinal Chemistry/ Post-doctoral Fellow)  
Authors: S Jahn, G Zhong, M Smetlz, L Rowland-Faux, P Stacpoole, M James
- # 62 Metal Ion Chelation by Tigecycline Explains Atypical Nonlinear Plasma Protein Binding Behavior**  
Presenter: Jatinder Kaur Mukker (Pharmaceutics/ Post-doctoral Fellow)  
Authors: J Mukker, R Singh, H Derendorf

**POSTER COMPETITION (cont.)**

- # 63 Angiotensin-(1-7) Improves Engraftment and Enhance Reparative Potential of Cardiac Progenitor Cells in a Rat Model of Myocardial Infarction**  
Presenter: Yanfei Qi (Pharmacodynamics/ Post-doctoral Fellow)  
Authors: Y Qi, E Bruce, V Shenoy, R Vohra, C Cole-Jeffrey, J Abbatematteo, M Zingler, G Walter, C Pepine, M Katovich, M Raizada
- # 64 A Systematic Review of Preventable Adverse Drug Events in Inpatients**  
Presenter: Ariadna Auladell Rispau (Pharmaceutical Outcomes and Policy/ Post-doctoral Fellow)  
Authors: A Rispau, A Winterstein
- # 65 Monte Carlo Simulation to Determine the Effect of Atypical Nonlinear Plasma Protein Binding on Clinical Breakpoint of Tigecycline**  
Presenter: Ravi Shankar Prasad Singh (Pharmaceutics/ Post-doctoral Fellow)  
Authors: R Singh, J Mukker, H Derendorf
- # 66 A Novel Simple Method for Determining CYP2D6 Copy Number and Identify Alleles with Duplication/Multiplication**  
Presenter: Issam Hamadeh (Pharmacotherapy & Translational Research/ Post-doctoral Fellow)  
Authors: I Hamadeh, T Langae, R Dwivedi, S Garcia, B Burkely, A Chapman, J Gums, S Turner, Y Gong, R Cooper-DeHoff, J Johnson
- # 67 Impact of CYP2D6 Polymorphisms on the Clinical Efficacy and Tolerability of Metoprolol Tartrate**  
Presenter: Issam Hamadeh (Pharmacotherapy & Translational Research/ Post-doctoral Fellow)  
Authors: I Hamadeh, T Langae, R Dwivedi, S Garcia, B Burkely, A Chapman, J Gums, S Turner, Y Gong, R Cooper-DeHoff, J Johnson



## JUDGES

### POSTER COMPETITION

**Larisa H. Cavallari, PharmD**

Associate Professor  
Pharmacy Practice  
College of Pharmacy  
University of Illinois at Chicago

**Yanxia Liu, PhD**

Assistant Scientist  
Medicinal Chemistry  
College of Pharmacy  
University of Florida

**Eric A. Dietrich, PharmD**

Assistant Professor  
Pharmacotherapy & Translational Research  
College of Pharmacy  
University of Florida

**Haesuk Park, PhD**

Associate Professor  
Pharmaceutical Outcomes and Policy  
College of Pharmacy  
University of Florida

**Yousong Ding, PhD**

Assistant Professor  
Medicinal Chemistry  
College of Pharmacy  
University of Florida

**Kevin Raisch, PhD**

Assistant Professor  
Otolaryngology  
College of Medicine  
University of Florida

**Aline Hilzendegeer, PhD**

Assistant Research Scientist  
Pharmacodynamics  
College of Pharmacy  
University of Florida

**Anzeela M. Schentrup, PharmD, PhD**

Clinical Assistant Professor  
Pharmacotherapy & Translational Research  
College of Pharmacy  
University of Florida

**Carrie A. Lagassee, PharmD**

Clinical Specialist - Drug Policy  
Development and Resource Utilization  
UF Health Shands Hospital  
Gainesville, FL

**Marek Schwendt, PhD**

Research Assistant Professor  
Psychology  
College of Liberal Arts and Sciences  
University of Florida

### ORAL COMPETITION

**Robert Huigens, PhD**

Assistant Professor  
Medicinal Chemistry  
College of Pharmacy  
University of Florida

**Caitrin McDonough, PhD**

Research Assistant Professor  
Pharmacotherapy & Translational Research  
College of Pharmacy  
University of Florida

**Deanna L. Kroetz, PhD**

Professor  
Bioengineering and Therapeutic Sciences  
School of Pharmacy and Medicine  
University of California San Francisco

**Stacy A. Voils, PharmD**

Clinical Assistant Professor  
Pharmacotherapy & Translational Research  
College of Pharmacy  
University of Florida