18TH ANNUAL RESEARCH SHOWCASE AND AWARDS RECOGNITION DAY

THURSDAY, APRIL 14, 2005

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UNIVERSITY OF FLORIDA COLLEGE OF PHARMACY
SCHEDULE OF EVENTS

8:00am - 9:15am  Set-up – Poster Presentations (Reception Hall)

POSTER COMPETITION

9:15am - 11:30am  Poster Competition – Students Present for Judging (Reception Hall)

11:45am - 12:45pm  Luncheon – Poster and Oral Judges (Dean’s Conference Room, Room 4307)

ORAL COMPETITION

12:50pm - 1:00pm  Introduction – Dr. William Millard, Executive Associate Dean (Room G-103)

Levitt Division (20 minute presentations)

#1  Presenter: Tobias Gerhard  
Department: Pharmacy Health Care Administration  
Research Title: Potential Benefit of Nesiritide after Adult Open Heart Surgery.

#2  Presenter: Michael Taylor  
Department: Pharmacy Health Care Administration  
Research Title: Clinical and Economic Outcomes of Prostate Cancer Treatment Strategies.

Junior Division (15 minute presentations)

#1  Presenter: Wouter Driessen  
Department: Medicinal Chemistry  
Research Title: Development of Peptide-targeted Lipoplex for Systemic Administration.

#2  Presenter: Bettina Proneth  
Department: Medicinal Chemistry  
Research Title: Characterization of Melanocortin-4-Receptor Mutations Associated with Severe Human Obesity.

#3  Presenter: James Sacco  
Department: Medicinal Chemistry  
Research Title: Sulfonation of Environmental Chemicals and Their Metabolites in the Polar Bear (Ursus Maritimus).

Senior Division (20 minute presentations)

#1  Presenter: Boman Irani  
Department: Medicinal Chemistry  
Research Title: In Vivo Feeding Effects of Melanocortin Ligands Possessing Mixed Pharmacology at the Melanocortin 3 and 4 Receptors.

#2  Presenter: Ke Ren  
Department: Pharmaceutics  
Research Title: Mechanisms Underlying α7 Nicotinic Receptor Mediated Cytoprotection.

#3  Presenter: Aleksandar Todorovic  
Department: Medicinal Chemistry  
Research Title: Discovery of Potent mMC1R Agonists with Prolonged Activity at Human Melanocytes.

KEYNOTE SPEAKER

4:00pm - 5:00pm  Keynote Speaker – Dr. Eric Tomlinson (Room G-103)

AWARDS RECEPTION

5:00pm - 7:00pm  Awards Reception – Announcement of Winners (Reception Hall)
#1 Variable Blood Pressure Response to Verapamil by KCNMB1 Genotype.

Presenter: Amber Beitelshees (Pharmacy Practice/Postdoctoral Fellow)
Authors: A Beitelshees, Y Gong, R Cooper-Dehoff, J Moss, C Pepine, J Johnson

#2 Penetration of Ertapenem into Different Pulmonary Compartments of Patients Undergoing Lung Surgery.

Presenter: Olaf Burkhardt (Pharmaceutics/Postdoctoral Fellow)
Authors: O Burkhardt, J Majcher-Peszynska, H Derendorf, T Welte

#3 Effects of Enteral Feeding on the Oral Bioavailability of Moxifloxacin in Healthy Volunteers.

Presenter: Olaf Burkhardt (Pharmaceutics/Postdoctoral Fellow)
Authors: O Burkhardt, H Stass, H Derendorf, T Welte

#4 Effect of Hepatocyte Division on rAAV DNA Persistence.

Presenter: Young-Kook Choi (Pharmaceutics/Postdoctoral Fellow)
Authors: Y-K Choi, Y Lu, S Song

#5 DNA Repair Enzyme (DNA-PKcs) Enhances rAAV Replication.

Presenter: Young-Kook Choi (Pharmaceutics/Postdoctoral Fellow)
Authors: Y-K Choi, I Zolotukhin, B Byrne, S Song


Presenter: Rajanikanth Madabushi (Pharmaceutics/Postdoctoral Fellow)
Authors: R Madabushi, K Blake, H Derendorf

#7 Population Pharmacokinetic Analysis of Digoxin in Egyptian Pediatric Patients with Heart Failure.

Presenter: Rajanikanth Madabushi (Pharmaceutics/Postdoctoral Fellow)
Authors: R Madabushi, V Bhattaram, E Desoky, H Derendorf

#8 Evaluation of a Novel Regulable AAV Vector for AAT Gene Therapy.

Presenter: Yuan-Qing Lu (Pharmaceutics/Postdoctoral Fellow)
Authors: Y-Q Lu, K Lowe, S Song

#9 Cost Effectiveness of HIV Treatment Innovations with Greater Efficacy than Highly-active Antiretroviral Therapy (HAART)

Presenter: Sonya Snedecor (Pharmacy Health Care Admin/Postdoctoral Fellow)
Authors: S Snedecor, A Hartzema, C Schiller

#10 Effect of Dieldrin on Superoxide Production in Primary Rat Microglia.

Presenter: Xi Fang (Pharmacodynamics/Postdoctoral Fellow)
Authors: X Fang, B Liu

#11 Beta 2-adrenergic Receptor (B2AR) Polymorphisms and Antihypertensive Response to Beta-blocker Therapy in the Invest Trial.

Presenter: Yan Gong (Pharmacy Practice/Postdoctoral Fellow)
Authors: Y Gong, A Beitelshees, L Stauffer, H Yarandi, T Langae, R Cooper-DeHoff, C Pepine, J Johnson

#12 Sulfotransferase 2A1 Forms Estradiol-17-sulfate and Celecoxib Switches the Dominant Product from Estradiol-3-sulfate to Estradiol-17-sulfate.

Presenter: Li-Quan Wang (Medicinal Chemistry/Postdoctoral Fellow)
Authors: LQ Wang, M James

#13 Conformational Studies of Agouti Related Protein (AGRP)-melanocortin Chimeric Peptides.

Presenter: Andrzej Wilczynski (Medicinal Chemistry/Postdoctoral Fellow)
Authors: A Wilczynski, K Wilson, J Scott, A Edison, C Haskell-Luevano

#14 Gene Expression and Regulation of Alpha-1 Antitrypsin in Pancreatic Islets.

Presenter: Bin Zhang (Pharmaceutics/Postdoctoral Fellow)
Authors: B Zhang, G Zhao, M Campbell-Thompson, S Song

#15 Evaluation of Novel Anti-inflammatory Activity of Sigma Receptor Ligands in Brain Immune Cells.

Presenter: Angela Hatter (Pharmacodynamics/Pharmacy Student)
Authors: A Hatter, T Wong, F Berardi, B Liu

#16 Vitamin K Epoxide Reductase Polymorphisms Rare in Warfarin-treated Population.

Presenter: Katherine Gaston (Pharmacy Practice/Pharmacy Student)
Authors: K Gaston, C Aquilante, T Langae, L Lopez, J Johnson
#17 Gene Delivery Using Magnetofection.
Presenter: Michael Kritzer (Pharmaceutics/Pharmacy Student)
Authors: M Kritzer, G Rao, J Hughes

#18 Novel Gene Therapy for Alzheimer’s Disease.
Presenter: Alison Schwein (Pharmaceutics/Pharmacy Student)
Authors: A Hirko, J Hughes, A Schwein

#19 A Retrospective Study of Drotrecogin Alfa (activated) for the Treatment of Severe Sepsis.
Presenter: Stormy Uy (St. Pete Campus/Pharmacy Student)
Authors: S Uy, E Alexander

#20 Impact of High Dose Atorvastatin on C-reactive Protein and IL-1 Receptor Antagonist Concentrations in Normocholesterolemic Women.
Presenter: Gregory Welder (Pharmacy Practice/Pharmacy Student)
Authors: G Welder, T Wessel, C Arant, R Schofield, I Zineh

#21 Psychometric Scales to Assess Entrepreneurial Interests of Pharmacists and Student Pharmacists.
Presenter: Amanda Ballentine (Pharmacy Health Care/Graduate Student)
Authors: A Ballentine, E Lipowski, F Simon, C Velozo

#22 Variation of Flavonoids and Furanocoumarins in Grapefruit-juice: A Source of Variability in Grapefruit-drug Interactions Studies.
Presenter: Whocely Victor de Castro (Pharmaceutics/Graduate Student)
Authors: W de Castro, S Talcott-Mertens, A Rubner, V Butterweck, H Derendorf

#23 Determination of Chlorzoxazone in Plasma and Urine by Liquid Chromatography Tandem Mass Spectrometry: Application to CYP2E1 Phenotyping Studies.
Presenter: Prajakta Dravid (Pharmaceutics/Pharmacy Practice/Graduate Student)
Authors: P Dravid, R Frye

#24 Anxiolytic and Antioxidant Activities of Apocynum Venetum L.
Presenter: Oliver Grundmann (Pharmaceutics/Graduate Student)
Authors: O Grundmann, S Mertens-Talcott, V Butterweck

#25 rAAV2 Transcytosis Through Caco-2 Cells.
Presenter: Hong Li (Pharmaceutics/Graduate Student)
Authors: H Li, Y-K Choi, W-M Wu, N Mori, N Bodor, S Song

#26 Hypouricemic Activity of Cynara Scolymus (Artichoke).
Presenter: Sasiporn Sarawek (Pharmaceutics/Graduate Student)
Authors: S Sarawek, F Qadan, H Derendorf, V Butterweck

#27 Effects of Protein Binding on the Efficacy of Ceftriaxone Against E.coli ATCC 25922.
Presenter: Stephan Schmidt (Pharmaceutics/Graduate Student)
Authors: S Schmidt, W Treyaprasert, H Derendorf

#28 Prevention of Type 1 Diabetes in NOD Mice by AAT Gene Therapy.
Presenter: Mei Tang (Pharmaceutics/Graduate Student)
Authors: M Tang, Y Lu, B Zhang, S Song

#29 A Pharmacodynamic Evaluation of Fluticasone Propionate and Mometasone Furoate Using Adrenal Suppression as a Surrogate Marker.
Presenter: Zia Tayab (Pharmaceutics/Graduate Student)
Authors: Z Tayab, G Hochhaus

#30 Development of Brain Tumor Organotypic Cultures for Characterizing DNA Polymer/Plasmid Mediated Gene Transfer.
Presenter: Nathalie Toussaint (Pharmaceutics/Graduate Student)
Authors: N Toussaint, S Kearns, B Flecher, R Mandel, D Steindler, S Sullivan

#31 Development of Drug Inducible Gene Switch Targeting Insulin-like Growth Factor System for Treatment of Brain Tumors in Rat Animal Model.
Presenter: Leah Villegas (Pharmaceutics/Graduate Student)
Authors: L Villegas, S Sullivan

#32 Synthesis of Calpain Inhibitors for Use as Radiotracers.
Presenter: Xiaoli Wang (Medicinal Chemistry/Graduate Student)
Authors: X Wang, K Prokai-Tatrai, K Wang, L Prokai
ORAL COMPETITION JUDGES

Dr. Maureen A. McKenzie
CEO, Delali BioTechnologies, LLC
4077 Mills Drive
Anchorage, AK  99508

Dr. Eric Tomlinson
President and CEO, Altea Therapeutics
2056 Weems Road
Tucker, GA  30084

Dr. Wolfgang “Jake” Streit
Professor
Department of Neuroscience
College of Medicine
University of Florida
Box 100244

Dr. Krista Vandenborne
Associate Professor and Chair
Department of Physical Therapy
College of Public Health and Health Professions
University of Florida
Box 100154

POSTER COMPETITION JUDGES

Dr. Diane Beck
Director, Educational Initiatives
College of Pharmacy
University of Florida
Box 100483

Dr. Robert G. Bell
President and CEO
Drug & Biotechnology Development
406 South Arcturas Avenue, Suite 5
Clearwater, FL  33765

Dr. Taimour Langaee
Research Assistant Professor
Department of Pharmacy Practice
Director, UF Center for Pharmacogenomics
Genotyping Core Laboratory
College of Pharmacy
University of Florida
Box 100486

Dr. Sally Litherland
Assistant Professor
Department of Pathology
College of Medicine
University of Florida
Box 100275

Dr. Carey Mobley
Assistant Professor
Department of Pharmaceutics
College of Pharmacy
University of Florida
Box 100494

Dr. Neil Rowland
Professor and Chair
Department of Psychology
College of Liberal Arts and Sciences
University of Florida
Box 112250