SAVE THE DATE!!
2009 ASPET Annual Meeting
at Experimental Biology 2009
April 18 - 22
New Orleans, Louisiana

2009 Symposia:

A Renaissance in Marine Pharmacology: Preclinical Curiosity to Clinical Reality
Advances in Down Syndrome Neuroscience Research: Implications for Alzheimer’s Disease, Dementias, & Other Cognitive Disorders
All Presidents’ Symposium on Integrative Pharmacology
AMPK as a Novel Therapeutic Approach for the Treatment of Metabolic Disorders & Heart Disease
Discovery & Development of Oligonucleotide Therapeutics
Emerging Approaches to Treatment of Alzheimer’s Disease
Endothelial Progenitor Cells & Cardiovascular Disease - From Bench to Bed Site
Exposure to Environmental Agent Alters Epigenetic Homeostasis
Gases as Neuromodulators in Sensing: From Nitric Oxide to Hydrogen Sulfide
Generating Proteomic Diversity in Xenobiotic Biotransformation with Alternative RNA Splicing
Integrating Basic Sciences & Patient Care in a Core Clerkship Curriculum
Metabolomics in the Search for Biomarkers for Human Health
microRNAs as Biological Effectors & as Pharmacological Targets in the Cardiovascular System
Neuroplastic & Neurodegenerative Changes Associated with Drug Abuse and Addiction
Receptor Signaling & Regulation in Neuropsychiatric Research
Regenerative Pharmacology
Regulation of Xenobiotic Metabolizing Enzymes in Humans: Implications for the Propagation of Health & Disease
Targeting Drug Metabolizing Enzymes for Effective Chemopreventive Approaches
The Role of Nuclear Receptors in Lipid Homeostasis
The Role of Insulin & Leptin in Drug Addiction and Mood
The Serotonin Transporter: Non Just for Neurons Anymore
Therapeutics in Autoimmunity: Treatment Successes & Side Effects as a Tool of Elucidating Pathogenic Pathways
Virally-encoded G Protein Coupled Receptors as New Drug Targets?

See You in the Big Easy!!
For more Info: www.eb2009.org
G-Protein Targets Colloquium

April 17 – 18, 2009
New Orleans, LA
Organized by Alan V. Smrcka, PhD and Theresa M. Filtz, PhD
This is a satellite meeting to Experimental Biology 2009
Sponsored by: ASPET's Division for Molecular Pharmacology
Co-Sponsored by: The American Society for Biochemistry and Molecular Biology

Preliminary Program:
Friday, April 17

Theme I: Effector Structure and Mechanism for Regulation

Mechanism of PLC Activation by G Protein
T. Kendall Harden, Univ of North Carolina
RhoGEF Structure/Function
John J.G. Tesmer, Univ of Michigan
Molecular Basis for K+ Channel Regulation by Gβγ
Diomedes E. Logothetis, Mt Sinai Sch of Med

Theme II: Novel G Protein Effectors and Regulatory Mechanisms

G12/G13 Activation of Adenylyl Cyclase
Lily Jiang, Univ Texas Southwestern Med Ctr
A Novel Signaling Mode for α1A-Adrenergic Receptors
Marcos E. Milla, Roche
Talk Selected from Abstracts

Theme III: Effector Scaffolding

Adenylyl-Cyclase-AKAP Interactions
John D. Scott, Univ of Washington
Molecular Chaperones for Kir3 Channel Assembly
Terry Hebert, McGill Univ
Talk Selected from Abstracts

Special Lecture on G Protein BRET Methods:
Application to G Protein Effectors
Use of BRET to Monitor G Protein Conformational Changes
Michel Bouvier, Univ of Montreal

Preliminary Program:
Saturday, April 18

Theme IV: Effector Cell Physiology and Pharmacological Targeting

RhoGEF Regulation in Cells
Phillip B. Wedegaertner, Thomas Jefferson Univ
Epac in cAMP-Dependent Physiology
Martina Schmidt, Univ Groningen
Pharmacological Targeting of AC
Yoshitomo Ishikawa, UMDNJ-New Jersey Med Sch
Small Molecule Targeting of Gβγ-Effector Interactions
Alan V. Smrcka, Univ of Rochester
Talk Selected from Abstracts

Theme V: Physiological Roles of G Protein Effector Systems in vivo

Adenyl Cyclase and Longevity/Physiology
Stephen F. Valtier, UMDNJ-New Jersey Med Sch
PLC Regulation in the Heart
Elizabeth A. Woodcock, Baker Med Res Inst
PI3 Kinase γ in Neutrophil Function
Dianqing (Dan) Wu, Yale Univ

Plenary Lecture:

G Proteins and G Protein Targets
Heidi Hamm, Vanderbilt Univ

For More Information on Programming and to Register:
http://www.aspet.org/public/meetings/meetings.html
**Faculty Position in Pharmacokinetics/Pharmacodynamics**

The Department of Pharmaceutical Sciences at the University of Kentucky College of Pharmacy invites applications for a tenure-track position at any academic rank in the area of pharmacokinetics and pharmacodynamics. It is anticipated that the successful candidate will actively contribute to the research and teaching missions in the College and will actively pursue an independent collaborative research program focused on the design, collection and analysis of PK/PD data. Candidates with expertise in the neurosciences, drug abuse, cardiology or infectious diseases will be given special consideration. Research support should be directed toward extramural funding to achieve a PK/PD program that facilitates the training of graduate and clinical pharmacists in collaborative and translational research in this area.

Candidates should have a Ph.D. degree, expertise in PK/PD modeling, and an established desire to develop a strong, independent research program. Those interested in studying mechanisms affecting drug disposition and response and transport across the blood brain barrier, or those with expertise in novel methods of modeling and/or drug analysis are strongly encouraged to apply. Please submit a letter of application, curriculum vitae, a one-page synopsis of your proposed research program, and the names, addresses and phone numbers of three references who can address your teaching and research potential to:

Dr. Peter J. Wedlund  
Department of Pharmaceutical Sciences  
University of Kentucky College of Pharmacy  
Lexington, KY 40536-0082  
E-mail: pjwedl1@uky.edu  
Application review will continue until the position is filled.

The University of Kentucky is an Equal Opportunity and Affirmative Action Employer & Educator.

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Advertise in the publications of the American Society for Pharmacology and Experimental Therapeutics (ASPET). Receive a FREE posting on the ASPET website for 8 weeks with a paid line ad in ASPET’s member magazine Molecular Interventions (MI).

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CALL FOR LATE-BREAKING ABSTRACTS

Deadline for Submission: Wednesday, February 25, 2009
www.eb2009.org

Late-breaking abstracts will be accepted beginning the week of December 7, 2008. The abstracts are for poster presentations only and will be scheduled on Wednesday, April 22, 2009.

Late-breaking abstracts must be submitted online at www.eb2009.org with the $90 abstract fee by Wednesday, February 25, 2009.

Late-breaking abstracts will be published online.

Please visit www.eb2009.org for information about the meeting, including late-breaking abstract topic categories, the preliminary program, registration and hotel information. Please contact eb@faseb.org for more information.

Register online by February 9, 2009 for the lowest registration rates.
Complete hotel reservations by March 10, 2009.
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