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
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**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

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**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*
Yoshiiro 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**

*Adenylyl Cyclase and Longevity/Physiology*
Stephen F. Valner, 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
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.
Science is built up of facts, as a house is built of stones; but an accumulation of facts is no more a science than a heap of stones is a house

~Henri Poincaré, 1905

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