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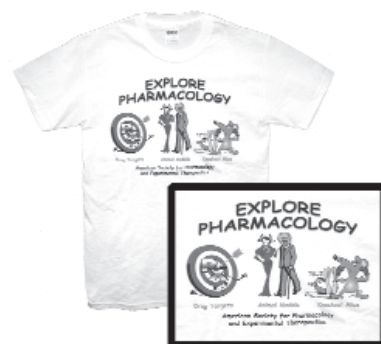
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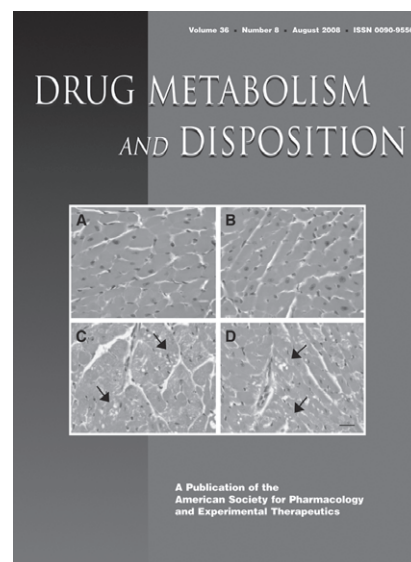
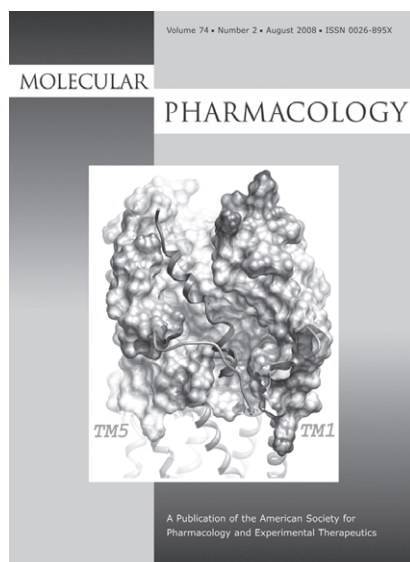
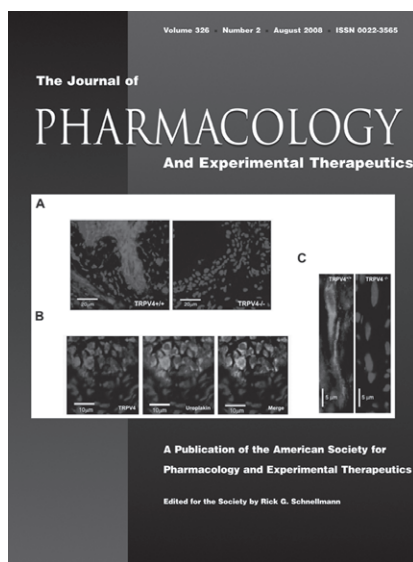
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# G-Protein Targets Colloquium

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<sup>+</sup> Channel Regulation by G $\beta\gamma$*

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 $\alpha_{1A}$ -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*

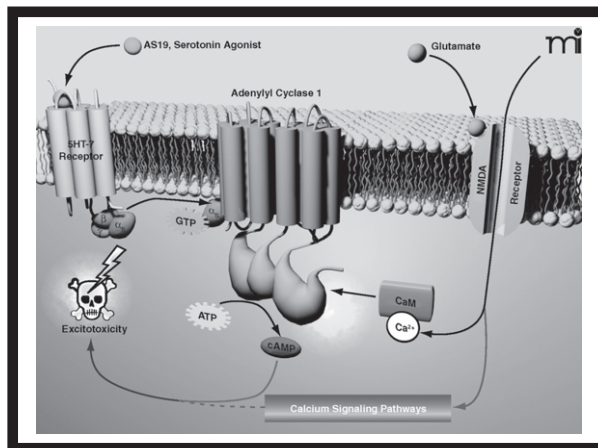
Terry Hebert, McGill Univ

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*

Yoshihiro Ishikawa, UMDNJ-New Jersey Med Sch

#### *Small Molecule Targeting of G $\beta\gamma$ -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. Vatner, UMDNJ-New Jersey Med Sch

#### *PLC Regulation in the Heart*

Elizabeth A. Woodcock, Baker Med Res Inst

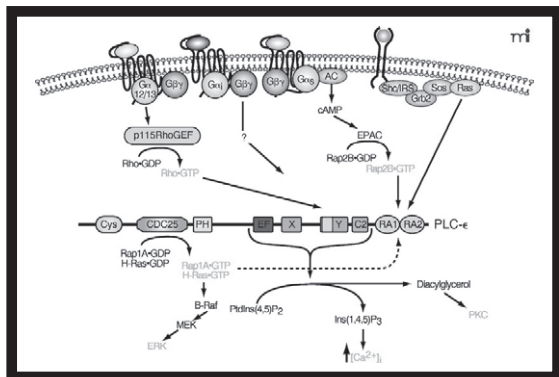
#### *PI3 Kinase $\gamma$ in Neutrophil Function*

Dianqing (Dan) Wu, Yale Univ

### Plenary Lecture:

#### *G Proteins and G Protein Targets*

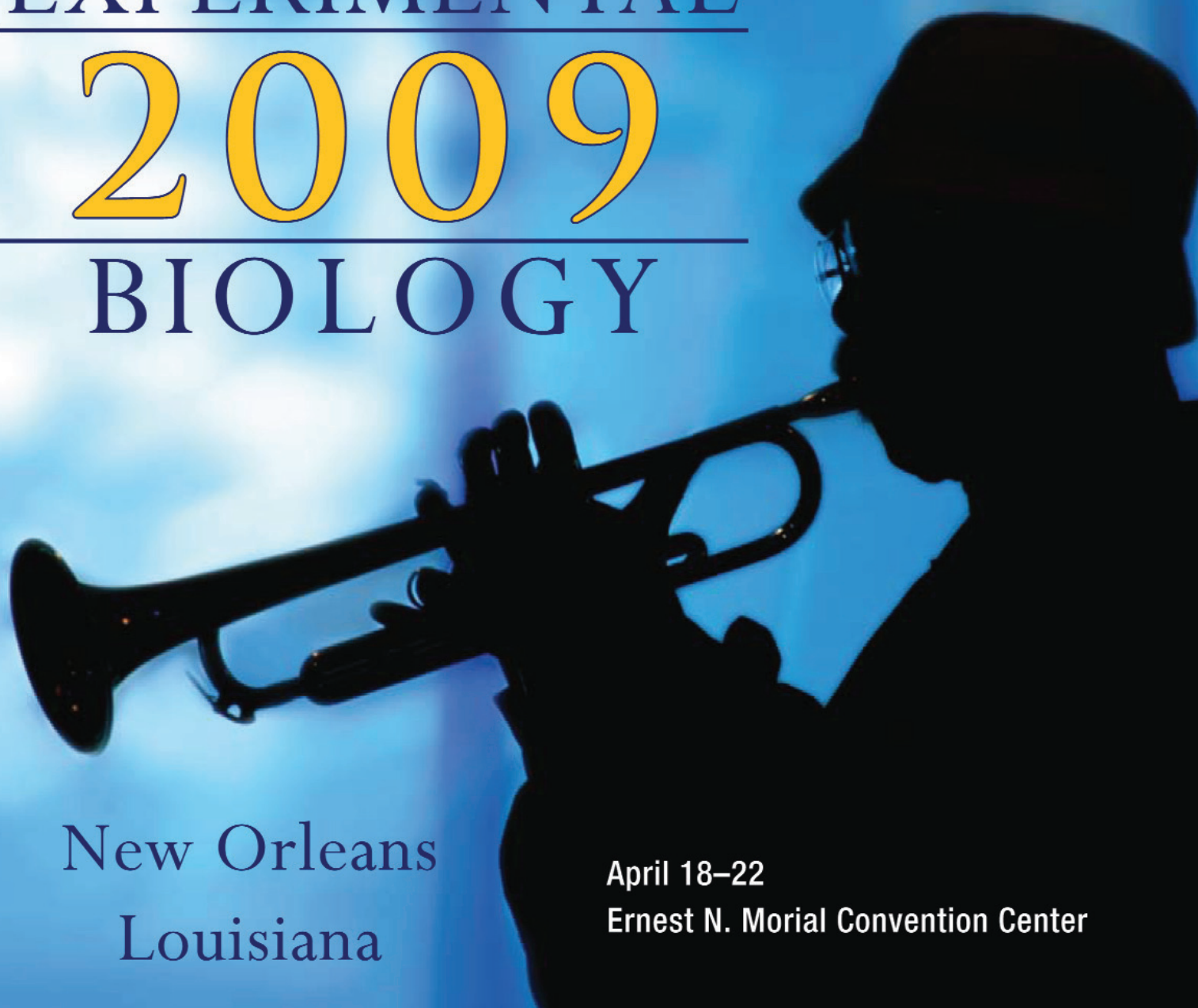
Heidi Hamm, Vanderbilt Univ



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