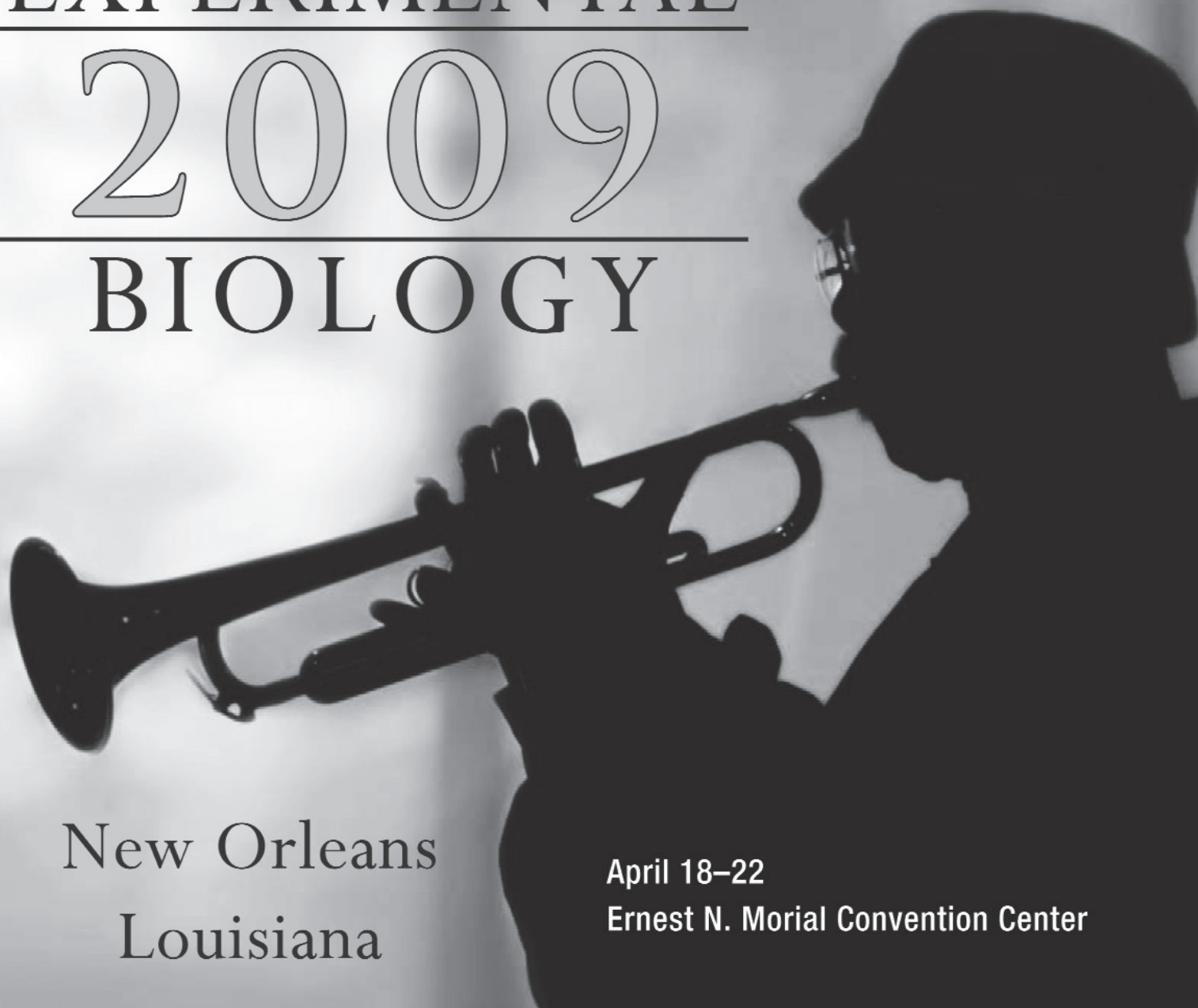


FOR FURTHER INFORMATION WWW.EB2009.ORG

EXPERIMENTAL

2009

BIOLOGY



New Orleans
Louisiana

April 18–22
Ernest N. Morial Convention Center

SPONSORS:

American Association of Anatomists (AAA)
The American Physiological Society (APS)
American Society for Biochemistry and Molecular Biology (ASBMB)
American Society for Investigative Pathology (ASIP)
American Society for Nutrition (ASN)
American Society for Pharmacology and Experimental Therapeutics (ASPET)

Experimental
Biology

2009®

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 Activation of Phospholipase C Isozymes

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 α_{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

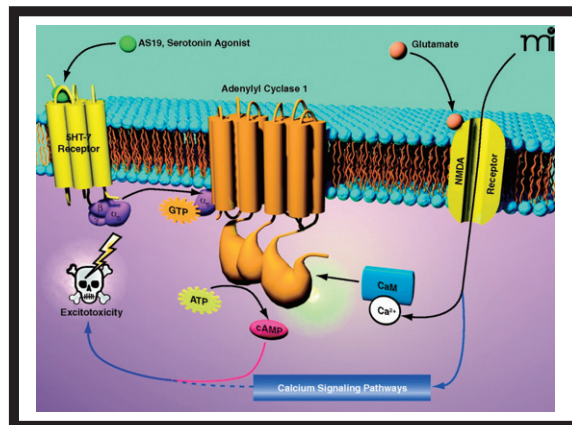
Terry Hebert, McGill Univ

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 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. Vatner, UMDNJ-New Jersey Med Sch

PLC Regulation in the Heart

Elizabeth A. Woodcock, Baker Med Res Inst

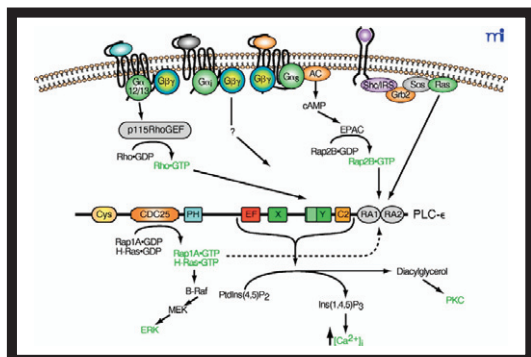
PI3 Kinase γ in Neutrophil Function

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>