



The IXth World Conference on Clinical Pharmacology and Therapeutics

July 27 – August 1, 2008

Québec City Convention Centre, Québec City, Canada

Incorporating the 5th Canadian Therapeutics Congress

(Canadian Society for Clinical Pharmacology, Canadian Association for Population Therapeutics, Canadian College of Clinical Pharmacy)

Mark your calendar!

**It's the first time since 1983 that CPT
is held in North America.**

Do not miss this one!

CPT2008 will bring together recognized international experts, in all areas of clinical pharmacology, clinical pharmacy, basic pharmacology, toxicology and pharmacoepidemiology to support better health outcomes and rational use of drugs.

The exciting program will appeal to attendees whose interests range from the molecular to community health. New sciences of pharmacogenomics and proteomics will be well represented. The program will allow open discussions on the advances of drug research and utilization.

The celebration of 400 years of Québec City history will provide an outstanding backdrop to sizzling science.

Important Dates

**Early Registration Deadline:
April 30, 2008**

**Accommodation Deadline:
June 16, 2008**

Organized by: the Canadian Society for Clinical Pharmacology (CSCP) and the National Research Council of Canada, under the auspices of the International Union of Basic and Clinical Pharmacology (IUPHAR).



CPT2008 Conference Secretariat

National Research Council Canada
Building M-19, 1200 Montreal Road
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Email: cpt2008@nrc-cnrc.gc.ca

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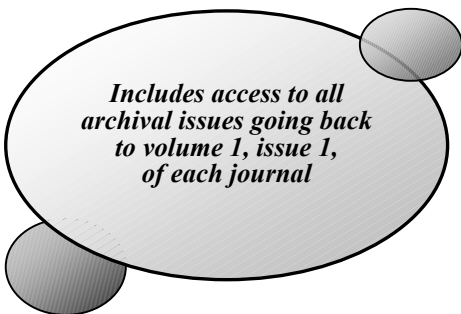
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3rd RGS Colloquium

April 4-5, 2008, San Diego, CA

Organized by: Michael Koelle, PhD and Richard R. Neubig, MD, PhD

This is a Satellite Meeting to Experimental Biology 2008

Topics and Speakers include:

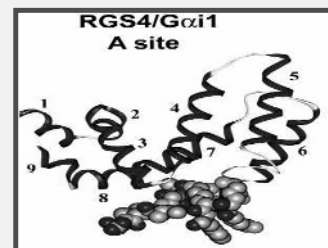
RGS Structure/Function

John Tesmer, University of Michigan

Roles of RGS proteins and RGS homology domains in signaling scaffolds

John Sondek, University of North Carolina at Chapel Hill

R7-family RGS proteins



RGS Targeting/Cellular Localization

John R. Hepler, Emory University

RGS proteins as multifunctional scaffolding proteins in cell physiology

Kendall J. Blumer, Washington University School of Medicine

Post-translational modifications regulating RGS protein shuttling

Kirill Martemyanov, University of Minnesota

Macromolecular complexes of RGS9 - master regulators of G protein signaling in retina and striatum

Marilyn G. Farquhar, University of California at San Diego

Roles of RGS-PX1 in endocytosis and G protein signaling

Andrew Tinker, Royal Free & University College Medical School

The molecular basis of the pleiotropic effects of RGSs in the regulation of G-protein gated K⁺ channels



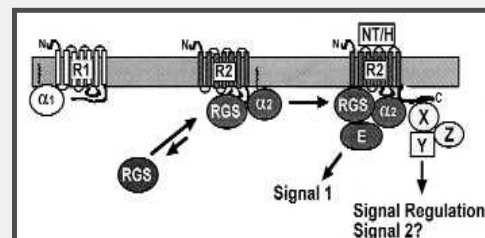
Novel Interactions/Functions

Vladlen Slepak, University of Miami

Structure and function of Gβγ5-R7 complexes: 10th anniversary

Peter Chidiac, University of Western Ontario

Novel regulatory properties of RGS2



Additional

speakers will be selected
from meeting registrants based
on their submitted
abstracts

RGS Action In Vivo

John H. Kehrl, National Institute of Allergy and Infectious Diseases

Insights into RGS protein function from the analysis of RGS and Gi alpha knock-out mice

John Traynor, University of Michigan

RGS proteins as a potential drug target for depression

Vanna Zachariou, University of Crete

A role of RGS9, RGS4, and RGSz in addiction and analgesia

Additional Program Information and Registration at:

<http://www.aspet.org/public/meetings/meetings.html>

We anticipate, but cannot guarantee, being able to provide some funds to assist junior scientists with travel to the meeting. See website for details.

Recent Advances in Muscarinic Receptor Pharmacology and Therapeutics

April 4 - 5, 2008

San Diego Marriott Hotel and Marina, San Diego, CA

Organized by Richard Eglén, Nigel Birdsall, Christian Felder, Allison Fryer and Neil Nathanson

Topics and Speakers Include:

Physical/Biophysical Studies:

Muscarinic receptor structure and function: Mutatis mutandis

Ed Hulme, MRC National Institute for Medical Research

Muscarinic receptor dimers and clustering - single molecule studies on living cells

Nigel Birdsall, MRC National Institute for Medical Research

Novel Aspects of Muscarinic Receptor Pharmacology:

At long last - emerging selective muscarinic receptor pharmacology

Christian Felder, Eli Lilly & Company

Potential for allosteric activators of M₁ and M₄ muscarinic receptors in the treatment of schizophrenia

Carrie Jones, Vanderbilt University

Optimizing inhaled muscarinic receptor antagonist dissociation rates to enhance duration and subtype selectivity

Steven Charlton, Novartis

Muscarinic Receptor Signaling and Phenotypes:

Regulation of muscarinic receptor expression and function

Neil Nathanson, University of Washington

Emerging data from novel muscarinic receptor mutant mouse models

Jürgen Wess, NIDDK/NIH

Subtype-specific functions of mAChRs revealed by the use of knock-out mice

Minoru Matsui, Chiba Institute of Science, Japan

Muscarinic modulation of striatal physiology in health and disease

James Surmeier, Northwestern University

Therapeutic Uses of Muscarinic Drugs:

Muscarinic receptor agonists: a novel treatment for schizophrenia

Anantha Shekhar, Indiana University

Muscarinic antagonists and bladder dysfunction

Clare Fowler, University College, London

Muscarinic antagonists and lung dysfunction

Allison Fryer, Oregon Health & Science University

Emerging Areas and Novel Concepts:

Non neuronal muscarinic systems

Sergei Grando, University of California at Irvine

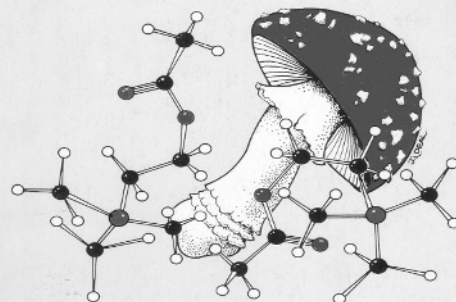
Muscarinic receptors and apoptosis

Andrew Tobin, University of Leicester

Plenary Lecture:

Structure and dynamics of the human beta₂ adrenergic receptor

Brian Kobilka, Stanford University



Awards Opportunities

Otto Loewi New Investigator Awards and Lectures:

To recognize and encourage the work of young scientists, the Colloquium will offer prizes to up to three young investigators for scientific studies on muscarinic receptors.

Ruth Levine Award:

To recognize Ruth Levine's outstanding encouragement and promotion of the research of graduate and immediate post-doctoral scientists, three presenters will be selected by the Scientific Committee in advance of the meeting on the basis of their poster abstracts and will be asked to present orally their most important findings. The best presentation, based on both oral presentation and poster, will be awarded the first Ruth Levine Award.

For more information and to apply, visit the meetings section on www.aspet.org

Additional Program Information and Registration at:

<http://www.aspet.org/public/meetings/meetings.html>

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