ACCELERATED COMMUNICATIONS

655  Recombinant Endothelial Nitric Oxide Synthase: Post-translational Modifications in a Baculovirus Expression System  Liliana Busconi and Thomas Michel

ARTICLES


666  Sequestration and Recycling of β2-Adrenergic Receptors Permit Receptor Resensitization  Susanne Pippig, Sabine Andexinger, and Martin J. Lohse

677  Regulation of the Constitutive Expression of the Human CYP1A2 Gene: Cis Elements and Their Interactions with Proteins  Injae Chung and Edward Bresnick

686  Effects of Chromium on Basal and Insulin-Induced Tyrosine Phosphorylation in H4 Hepatoma Cells: Comparison with Phorbol-12-myristate-13-acetate and Sodium Orthovanadate  Edward J. Yurkow and Geumsoo Kim

696  Topoisomerase IIα Promoter Trans-Activation Early in Monocytic Differentiation of HL-60 Human Leukemia Cells  David J. Fraser, Tessa L. Brandt, and David J. Kroll

Continued
Comparison of Fura-2 Imaging and Electrophysiological Analysis of Murine Calcium Channel α1 Subunits Coexpressed with Novel β2 Subunit Isoforms

Enrique Massa, Kevin M. Kelly, David I. Yule, Robert L. Macdonald, and Michael D. Uhler

Novel Subpopulation of Neuronal Acetylcholine Receptors Among Those Binding α-Bungarotoxin

Phyllis C. Pugh, Roderick A. Corriveau, William G. Conroy, and Darwin K. Berg

Adaptive Supersensitivity and the Na⁺/K⁺ Pump in the Guinea Pig Vas Deferens: Time Course of the Decline in the α2 Subunit

K. M. Hershman, D. A. Taylor, and W. W. Fleming

Cloning and Expression of an Endothelin Receptor Subtype B from Human Prostate that Mediates Contraction

Maria L. Webb, Chia-Ching Chao, Marguerite Rizzo, Robert A. Shapiro, Michael Neubauer, Eddie C. K. Liu, Catherine R. Aversa, Russell J. Brittain, and Brent Treiger

Antibodies to the Cloned μ-Opioid Receptor Detect Various Molecular Weight Forms in Areas of Mouse Brain

J. Garzón, J. L. Juarros, M. A. Castro, and P. Sánchez-Blázquez

Tau Phosphorylation in Brain Slices: Pharmacological Evidence for Convergent Effects of Protein Phosphatases on Tau and Mitogen-Activated Protein Kinase

Timothy D. Garver, George A. Oyler, Katherine A. Harris, Rathnagiri Polavarapu, Zahi Damuni, Ralph A. W. Lehman, and Melvin L. Billingsley

Nitric Oxide-Induced Apoptosis in RAW 264.7 Macrophages Is Antagonized by Protein Kinase C- and Protein Kinase A-Activating Compounds

Udo K. Méismer, Eduardo G. Lapetina, and Bernhard Brüne

Protein-Independent Lead Permeation Through Myelin Lipid Liposomes

Ricardo S. Díaz and Jaime Monreal

β-Adrenoceptor-Gαs Coupling Decreases with Age in Rat Aorta

Hakan Gurdal, Eitan Friedman, and Mark D. Johnson

Selective Labeling of the Dopamine Transporter by the High Affinity Ligand 3β-(4-[125]Iodophenyl)-tropane-2β-carboxylic Acid Isopropyl Ester


Mastoparan Increases the Intracellular Free Calcium Concentration in Two Insulin-Secreting Cell Lines by Inhibition of ATP-Sensitive Potassium Channels

Geoffrey T. Eddlestone, Mitsuhisa Komatsu, Linming Shen, and Geoffrey W. G. Sharp
CONTENTS (cont’d)

798  Divergent Structural Requirements Exist for Calcitonin Receptor Binding Specificity and Adenylate Cyclase Activation  
Souheir Houssami,
David M. Findlay,
Catherine L. Brady,
T. John Martin, Richard M. Epand,
Emma E. Moore,
Eigoro Murayama,
Tatsuya Tamura,
Ronald C. Orlowski, and
Patrick M. Sexton

810  Inhibition of Human 5-Phosphoribosyl-1-pyrophosphate Synthetase by 4-Amino-8-(β-D-ribofuranosylamino)pyrimido[5,4-d]pyrimidine-5’-monophosphate: Evidence for Interaction at the ADP Allosteric Site  
David W. Fry, Michael A. Becker, and Robert L. Switzer

816  Metabolic Diversity and Antiviral Activities of Acyclic Nucleoside Phosphonates  
Philip Aduma, Michele C. Connelly, Ranga V. Srinivas, and Arnold Fridland

823  Ethylene Glycol Bis(β-aminoethyl ether)-N,N′,N″,N‴-tetraacetic Acid (EGTA) and the Tyrphostin ST271 Inhibit Phospholipase C in Human Platelets by Preventing Ca2+ Entry  
Steve P. Watson, Alastair Poole, and Judith Asselin

831  Novel Potent and Selective Inhibitors of Inducible Nitric Oxide Synthase  
Masaki Nakane, Vered Klinghofer, Jane E. Kuk, Jennifer L. Donnelly, Gerald P. Budzik, Jennifer S. Pollock, Fatima Basha, and George W. Carter

835  Stimulation of Type II Adenylyl Cyclase by Chemoattractant Formyl Peptide and C5a Receptors  
Rachel C. Tsu, Rodger A. Allen, and Yung H. Wong

842  Direct Block of Calcium Channels by Dioctanoylglycerol in Pregnant Rat Myometrial Cells  
Masumi Kusaka and Nicholas Sperelakis

848  Modulation by μ-Opioid Agonists of Guanosine-5’-O-(3-[35S]thiotriphosphate Binding to Membranes from Human Neuroblastoma SH-SY5Y Cells  
John R. Traynor and Stefan R. Nahorski

Issso Matsuoka, Qian Zhou, Hiromi Ishimoto, and Hironori Nakanishi

863  Unusual Carbachol Responses in RINm5F Cells: Evidence for a “Distal” Site of Action in Stimulus-9ecretion Coupling  
Shao Hua Tang, Gordon C. Yaney, and Geoffrey W. G. Sharp

871  Differential Activation of Human Gastrin-Releasing Peptide Receptor-Mediated Responses by Bombesin Analogs  
James M. Wu, Danee O. Hoang, and Richard I. Feldman

882  Erratum