CONTENTS

ACCELERATED COMMUNICATIONS


RONALD W. BARRETT, MICHAEL E. STEFFEY, AND CAROLINE A. W. WOLFRAM. Type-A Cholecystokinin Receptors in CHP212 Neuroblastoma Cells: Evidence for Association with G Protein and Activation of Phosphoinositide Hydrolysis 394

ARTICLES

A. M. SZEKELY, M. L. BARBACCIA, H. ALHO, AND E. COSTA. In Primary Cultures of Cerebellar Granule Cells the Activation of N-Methyl-D-aspartate-Sensitive Glutamate Receptors Induces c-fos mRNA Expression 401

SHIVENDRA D. SHUKLA, WILLIAM J. MORRISON, AND ANIMESH DHAR. Desensitization of Platelet-Activating Factor-Stimulated Protein Phosphorylation in Platelets 409

ROGER BUSCHE, BURKHARD TÜMMLER, JOHN R. RIORDAN, AND DANIELLE F. CANOGAICI. Preparation and Utility of a Radioiodinated Analogue of Daunomycin in the Study of Multidrug Resistance 414

STEPHEN T. DAVIS AND SONDRA H. BERGER. Inhibition and Cell Uptake of 5-Fluoro-2'-deoxyuridine Response by Folic Acid in Human Colon Tumor Cells. The Role of Thymidylate Synthase 422

RICHARD S. MAGLIOZZO, JACK PEISACH, AND MARIA ROSA CIRILO. Transfer RNA Is Cleaved by Activated Bleomycin 428

RICHARD B. BECKMANN AND TERRY A. BEERMAN. Use of an Inducible Hybrid Viral Gene as a Model for Evaluating Drug Effects of Gene Expression 433

TOSHIOS YASUMORI, Norie Murayama, Yasushi Yamazoe, Akio Abe, Yasuhisa Nogi, TOSHIK FUKASAWA, AND RYUICHI KATO. Expression of a Human P-4501IC Gene in Yeast Cells Using Galactose-Inducible Expression System 443

MARK LEID, MICHAEL I. SCHIMERLIK, AND THOMAS F. MURRAY. Agonist Radioligand Interactions with the Solubilized Porcine Atrial A1 Adenosine Receptor 450

MICHAEL A. ROGAWSKI. Aminopyridines Enhance Opening of Calcium-Activated Potassium Channels in GH3 Anterior Pituitary Cells 458

NOEL J. BUCKLEY, TOM I. BONNER, CLAIRE M. BUCKLEY, AND MARK R. BRANN. Antagonist Binding Properties of Five Cloned Muscarinic Receptors Expressed in CHO-K1 Cells 469

P. EVELEIGH, E. C. HULME, C. SCHUDD, AND N. J. M. BIRDALL. The Existence of Stable Enantiomers of Telenzepine and Their Stereoselective Interaction with Muscarinic Receptor Subtypes 477

JOHN M. ZOOMBICK, SHERYL G. BECK, CATHY D. MAHLE, BARBARA CRADDOCK-ROYAL, AND SAUL MAAYANI. Pertussis Toxin-Sensitive Guanine Nucleotide-Binding Protein(s) Couple Adenosine A1 and 5-Hydroxytryptamine1A Receptors to the Same Effector Systems in Rat Hippocampus: Biochemical and Electrophysiological Studies 484

R. W. KRIWACKI AND A. MAKRIYANNIS. The Conformational Analysis of Δ9- AND Δ11- Tetrahydrocannabinols in Solution using High Resolution Nuclear Magnetic Resonance Spectroscopy 495

Continued
CONTENTS (cont'd)

STANLEY KUBOW AND PETER G. WELLS. In Vitro Bioactivation of Phenytoin to a Reactive Free Radical Intermediate by Prostaglandin Synthetase, Horseradish Peroxidase, and Thyroid Peroxidase .......................................................... 504

STEVEN A. BELINSKY, FREDERICK C. KAUFFMAN, AND RONALD G. THURMAN. Interactions between Glycolysis and Mixed Function Oxidation: Studies with 7-Ethoxycoumarin in Perfused Livers from β-Napthoflavone-Treated Rats .............................................. 512

DAVID J. WAXMAN, JOSEPH J. MORRISSEY, AND GERALD A. LEBLANC. Hypophysectomy Differentially Alters P-450 Protein Levels and Enzyme Activities in Rat Liver: Pituitary Control of Hepatic NADPH Cytochrome P-450 Reductase .............................................. 519


WILLIAM J. PHILLIPS AND PATRICIA M. HINKLE. Solubilization and Characterization of Pituitary Thyrotropin-Releasing Hormone Receptors .................................................. 533

X. Y. WEI, A. RUTLEDGE, AND D. J. TRIGGLE. Voltage-Dependent Binding of 1,4-Dihydropyridine Ca2+ Channel Antagonists and Activators in Cultured Neonatal Rat Ventricular Myocytes .................................................. 541

Copyright © 1989 by The American Society for Pharmacology and Experimental Therapeutics
All Rights Reserved

No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopy, recording, or any information storage and retrieval system, without permission in writing from the copyright owner.

The appearance of the code at the bottom of the first page of an article in this journal indicates the copyright owner’s consent that copies of this article may be made for personal or internal use, or for the personal or internal use of specific clients. This consent is given on the condition, however, that the copier pay the stated per copy fee through the Copyright Clearance Center, Inc., (21 Congress Street, Salem, Massachusetts 01970), for copying beyond that permitted by Sections 107 or 108 of the U.S. Copyright Law. This consent does not extend to other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works or for resale. Copy fees for pre-1986 articles are the same as those shown for current articles.