CONTENTS

ACCELERATED COMMUNICATION

Meina Liang, Michael W. Martin, and T. Kendall Harden. 
[3H]Propylbenzilylcholine Mustard-Labeling of Muscarinic Cholinergic Receptors that Selectively Couple to Phospholipase C or Adenylate Cyclase in Two Cultured Cell Lines ............. 443

ARTICLES

Mark R. Brann, Noel J. Buckley, S. V. Penelope Jones, and Tom T. Bonner. Expression of a Cloned Muscarinic Receptor in A9 L Cells ............. 450

Barbara A. Coleman, Lee Michel, and Robert Oswald. Interaction of a Benzomorphinan Opiate with Acetylcholinesterase and the Nicotinic Acetylcholine Receptor ............. 456

Pablo Steinberg, W. Mark Lefranconi, C. Roland Wolf, David J. Waxman, Franz Oesch, and Thomas Friedberg. Xenobiotic Metabolizing Enzymes Are Not Restricted to Parenchymal Cells in Rat Liver ............. 463

Alan Poland, Edward Glover, and Benjamin A. Taylor. The Murine Ah Locus: A New Allele and Mapping to Chromosome 12 ............. 471

Fabian Gusovsky, Elizabeth T. McNeal, and John W. Daly. Stimulation of Phosphoinositide Breakdown in Brain Synaptoneurosomes by Agents that Activate Sodium Influx: Antagonism by Tetrodotoxin, Saxitoxin, and Cadmium ............. 479

Terry Reisine and Simon Guild. Activators of Protein Kinase C and Cyclic AMP-Dependent Protein Kinase Regulate Intracellular Calcium Levels Through Distinct Mechanisms in Mouse Anterior Pituitary Tumor Cells ............. 488

Bernhard Brune and Volker Ullrich. Inhibition of Platelet Aggregation by Carbon Monoxide is Mediated by Activation of Guanylate Cyclase ............. 497

Chide Han, Peter W. Abel, and Kenneth P. Minneman. Heterogeneity of α1-Adrenergic Receptors Revealed by Chlorethylclonidine ............. 505


Kim L. R. Brouwer, Sherrie Durham, and Mary Vore. Multiple Carriers for Uptake of [3H]-Estradiol 17β-(β-D-glucuronide) in Isolated Rat Hepatocytes ............. 519

Ivan Votruba, Ria Bernaerts, Takashi Sakuma, Erik De Clercq, Aleš Merta, Ivan Rosenberg, and Antonín Holý. Intracellular Phosphorylation of the Broad Spectrum Anti-DNA Virus Agent (S)-9-(3-Hydroxy-2-phosphonylmethoxypropyl)adenine and Inhibition of Viral DNA Synthesis ............. 524

Atsushi Honda, Yo Mori, Kazuo Iguchi, and Yasuji Yamada. Antiproliferative and Cell Cycle Effects of Newly Discovered Halogenated Coral-Prostanoids from the Japanese Stolinifer Clavularia viridis on Human Myeloid Leukemia Cells in Culture ............. 530

Yasuhi Yamazoe, Shunichi Manabe, Norie Murayama, and Ryuichi Kato. Regulation of Hepatic Sulfotransferase Catalyzing the Activation of N-Hydroxyarylamine and N-Hydroxyarylamidine by Growth Hormone ............. 536

Anthony P. DeCaprio, Stephen J. Jackowski, and Kathleen A. Regan. Mechanism of Formation and Quantitation of Imines, Pyrroles, and Stable, Nonpyrrole Adducts in 2,5-Hexanedione-Treated Protein ............. 542

Continued
CONTENTS (cont'd)

LAWRENCE H. LASH AND M. V. ANDERS. Mechanism of S-(1,2-Dichlorovinyl)-L-Cysteine- and S-(1,2-Dichlorovinyl)-L-Homocysteine-Induced Renal Mitochondrial Toxicity . . . 549

F. J. LUQUE, F. ILLAS, AND R. POUPLANA. On the Mechanism of Histamine H2 Receptor Activation ................................................................. 557

ERRATUM ................................................................. 564

Copyright © 1987 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.