CONTENTS

Samuel Weiss, Michèle Sebben, J. Adolfo Garcia-Sainz, and Joël Bockaert. D ₂ -Dopamine Receptor-Mediated Inhibition of Cyclic AMP Formation in Striatal Neurons in Primary Culture	5
 J. E. LEYSEN, W. GOMMEREN, P. VAN GOMPEL, J. WYNANTS, P. F. M. JANSSEN, AND P. M. LADURON. Receptor-Binding Properties in Vitro and in Vivo of Ritanserin: A Very Potent and Long Acting Serotonin-S₂ Antagonist	Ю
DAVID G. RHODES, J. GEORGE SARMIENTO, AND LEO G. HERBETTE. Kinetics of Binding of Membrane-Active Drugs to Receptor Sites: Diffusion-Limited Rates for a Membrane Bilayer Approach of 1,4-Dihydropyridine Calcium Channel Antagonists to Their Active Site	2
STEPHEN W. FESIK AND ALEXANDROS MAKRIYANNIS. Geometric Requirements for Membrane Perturbation and Anesthetic Activity: Conformational Analysis of Alphaxalone and Δ^{16} -Alphaxalone and 2 H NMR Studies on Their Interactions with Model Membranes	4
H. C. FROEDE AND I. B. WILSON. The Slow Rate of Inhibition of Acetylcholinesterase by Fluoride	
JEREMY K. NICHOLSON, JOHN A. TIMBRELL, JOHN R. BALES, AND PETER J. SADLER. A High Resolution Proton Nuclear Magnetic Resonance Approach to the Study of Hepatocyte and Drug Metabolism: Application to Acetaminophen	4
JEREMY K. NICHOLSON, JOHN A. TIMBRELL, AND PETER J. SADLER. Proton NMR Spectra of Urine as Indicators of Renal Damage: Mercury-Induced Nephrotoxicity in Rats	4
FRED K. FRIEDMAN, RICHARD C. ROBINSON, BYUNG-JOON SONG, SANG SHIN PARK, CHARLES L. CRESPI, MICHAEL A. MARLETTA, AND HARRY V. GELBOIN. Monoclonal Antibody-Directed Determination of Cytochrome P-450 Types Expressed in a Human Lymphoblastoid Cell Line	2
M. A. DENOMME, K. HOMONOKO, T. FUJITA, T. SAWYER, AND S. SAFE. Effects of Substituents on the Cytosolic Receptor-Binding Avidities and Aryl Hydrocarbon Hydroxylase Induction Potencies of 7-Substituted 2,3-Dichlorodibenzo-p-dioxins: A Quantitative Structure-Activity Relationship Analysis	6
CAROL E. CASS, WENDY P. GATI, R. ODEGARD, AND A. R. P. PATERSON. The Effect of pH on Interaction of Nitrobenzylthioinosine and Hydroxynitrobenzylthioinosine with the Nucleoside Transporter of Human Erythrocyte Membranes	2
L. LEE BENNETT, JR., R. WALLACE BROCKMAN, LUCY M. ROSE, PAULA W. ALLAN, SUE C. SHADDIX, Y. FULMER SHEALY, AND JOE D. CLAYTON. Inhibition of Utilization of Hypoxanthine and Guanine in Cells Treated with the Carbocyclic Analog of Adenosine: Phosphates of Carbocyclic Nucleoside Analogs as Inhibitors of Hypoxanthine (Guanine) Phosphoribosyltransferase	6
J. P. HARDWICK, P. LINKO, AND J. A. GOLDSTEIN. Dose Response for Induction of Two Cytochrome P-450 Isozymes and Their mRNAs by 3,4,5,3',4',5'-Hexachlorobiphenyl Indicating Coordinate Regulation in Rat Liver	6
T. WATANABE, T. MITCHELL, E. SARIBAN, K. SABBATH, J. GRIFFIN, AND D. KUFE. Effects of 1-β-D-Arabinofuranosylcytosine and Phorbol Ester on Differentiation of Human K562 Erythroleukemia Cells	3
Erratum	9
AUTHOR INDEX FOR VOLUME 27 69	1
The Subject Index for Volume 27 will appear in the December 1985 issue as part of a cumulative index.	

MOLECULAR PHARMACOLOGY (ISSN 0026-895x) is published monthly by The American Society for Pharmacology and Experimental Therapeutics, 428 East Preston Street, Baltimore, MD 21202. 1985: Volumes 27-28. Price per year: USA individual rate \$75.00; all other countries, surface mail \$90.00. USA institutional rate \$165.00; all other countries, surface mail \$180.00. All subscription orders should be addressed to Molecular Pharmacology, Williams & Wilkins Co., 428 East Preston Street, Baltimore, MD 21202. Send notice of address changes at least 6-8 weeks in advance. Second Class Postage paid at Baltimore, MD, and at additional mailing offices. POSTMASTER send address changes (Form 3579) to 428 East Preston Street, Baltimore, MD 21202.

Copyright © 1985 by The American Society for Pharmacology and Experimental Therapeutics.