CONTENTS

R. L. JULIANO, CHRISTOPHER W. M. GRANT, KATHRYN R. BARBER, AND MARY ANN KALP. Mechanism of the Selective Toxicity of Amphotericin B Incorporated into Liposomes	1
BRUCE I. TERMAN, SANDRA R. SLIVKA, RICHARD J. HUGHES, AND PAUL A. INSEL. α_1 -Adrenergic Receptor-Linked Guanine Nucleotide-Binding Protein in Muscle and Kidney Epithelial Cells	12
BRETT P. MONIA, TAUSEEF R. BUTT, CHRISTOPHER K. MIRABELLI, DAVID J. ECKER, EDMUND STERNBERG, AND STANLEY T. CROOKE. Induction of Metallothionein Is Correlated with Resistance to Auranofin, a Gold Compound, in Chinese Hamster Ovary Cells.	21
YACOUB M. IRSHAID AND THOMAS R. TEPHLY. Isolation and Purification of Two Human Liver UDP-Glucuronosyltransferases	27
SEYMOUR MONG, KAREN HOFFMAN, HSIAO-LING WU, AND STANLEY T. CROOKE. Leuko- triene-Induced Hydrolysis of Inositol Lipids in Guinea Pig Lung: Mechanism of Signal Transduction for Leukotriene-D ₄ Receptors	35
A. Doble, O. Ferris, M. C. Burgevin, J. Menager, A. Uzan, M. C. Dubroeucq, C. Renault, C. Gueremy, and G. Le Fur. Photoaffinity Labeling of Peripheral-type Benzodiazepine-Binding Sites	42
ELLEN J. HESS, GEORGE BATTAGLIA, ANDREW B. NORMAN, AND IAN CREESE. Differential Modification of Striatal D ₁ Dopamine Receptors and Effector Moieties by N-Ethoxy-carbonyl-2-ethoxy-1,2-dihydroquinoline In Vivo and In Vitro	50
MYRON L. Toews. Comparison of Agonist-Induced Changes in β - and α_1 -Adrenergic Receptors of DDT ₁ MF-2 Cells	58
YVONNE SEVERNE, ADRIAAN IJZERMAN, VIVECA NERME, HENDRIK TIMMERMAN, AND GEORGES VAUQUELIN. Shallow Agonist Competition Binding Curves for β -Adrenergic Receptors: The Role of Tight Agonist Binding	69
R. H. DODD, C. OUANNÈS, A. CHIARONI, C. RICHE, G. POISSONETT, J. ROSSIER, G. DEVAUX, AND P. POTIER. Molecular Structure of 3-(Methoxycarbonyl) Amino-β-carboline, a Selective Antagonist of the Sedative Effects of Diazepam	74
JEFFREY E. GERST, JOSEPHA SOLE, AND YORAM SALOMON. Dual Regulation of β -MSH Receptor Function and Adenylate Cyclase by Calcium and Guanosine Nucleotides in the M2R Melanoma Cell Line	81
MOHAMMED TAOUIS, MICHEL BERLAN, AND MAX LAFONTAN. α_2 -Adrenergic Receptor Turnover in Adipose Tissue and Kidney: Irreversible Blockade of α_2 -Adrenergic Receptors by Benextramine	89
KAROL ONDRIAŠ, ANDREJ STAŠKO, VIERA JANČINOVÁ, AND PAVOL BALGAVÝ. Comparison of the Effect of Eleven β -Adrenoceptor Blocking Drugs in Perturbing Lipid Membrane: An ESR Spectroscopy Study	97
STEWART N. ABRAMSON, PAUL McGonigle, and Perry B. Molinoff. Evaluation of Models for Analysis of Radioligand Binding Data	103
GERALD D. FRENKEL, ADRIAN WALCOTT, AND CHARLIEN MIDDLETON. Inhibition of RNA and DNA Polymerases by the Product of the Reaction of Selenite with Sulfhydryl Compounds	112
MICHAEL MURRAY, LOUISE ZALUZNY, GHAZI A. DANNAN, F. PETER GUENGERICH, AND GEOFFREY C. FARRELL. Altered Regulation of Cytochrome P-450 Enzymes in Choline-Deficient Cirrhotic Male Rat Liver: Impaired Regulation and Activity of the Male-Specific Androst-4-ene-3,17-dione 16α-Hydroxylase, Cytochrome P-450 _{UT-A} , in Hepatic Cirrhosis	117
Lynn Clarke, Andre Rosowsky, and David J. Waxman. Inhibition of Human Liver Folylpolyglutamate Synthetase by Non- γ -Glutamylatable Antifolate Analogs	122

MOLECULAR PHARMACOLOGY (ISSN 0026-895x) is published monthly by The American Society for Pharmacology and Experimental Therapeutics, 428 East Preston Street, Baltimore, MD 21202. 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. (Prices subject to change). All subscription orders should be addressed to Molecular Pharmacology, 428 East Preston Street, Baltimore, MD 21202.

Second Class Postage paid at Baltimore, MD, and at additional mailing offices. POSTMASTER: send address changes to MOLECULAR PHARMACOLOGY, 428 East Preston Street, Baltimore, MD 21202.