CONTENTS

ANDREW B. NORMAN, GEORGE BATTAGLIA, AND IAN CREESE. [3H]WB4101 Labels the 5-Hydroxytryptamine-1a Serotonin Receptor Subtype in Rat Brain: Guanine Nucleotide and Divalent Cation Sensitivity .................................................. 487

PHILIP J. SCARPACE, LEE A. BARESI, DAVID A. SANFORD, AND ITAMAR B. ABRASS. Densitization and Resensitization of β-Adrenergic Receptors in a Smooth Muscle Cell Line ................................................................. 495

KENNETH BAROVSKY AND GARY BROOKER. Forskolin Potentiation of Cholera Toxin-Stimulated Cyclic AMP Accumulation in Intact C6-2B Cells: Evidence for Enhanced Gα-C Coupling ........................................... 502

ALFRED PLETSCHER, PAUL ERNE, ERNST BÜRGISER, AND FABRIZIA FERRACIN. Activation of Human Blood Platelets by Arginine-Vasopressin: Role of Bivalent Cations ........................................................................ 508

MATTHIAS BRAUTIGAM, BARBARA KITTNER, AND GABRIELE LASCHINSKI. Effects of Apomorphine Enantiomers and of Lisuride on 3,4-Dihydroxyphenylalanine Production in Striatal Synaptosomes ........................................................................ 515

JON A. NORMAN, W. LEE AUTRY, AND BEVERLY S. BARBAZ. Angiotensin-Converting Enzyme Inhibitors Potentiate the Analgesic Activity of [Met]-Enkephalin-Arg6-Phe5 by Inhibiting Its Degradation in Mouse Brain .......... 521


S. BRIMIJOIN, K. P. MINTZ, AND F. G. PRENDERGAST. An Inhibitory Monoclonal Antibody to Rabbit Brain Acetylcholinesterase: Studies on Interaction with the Enzyme .................. 539

HASAN SALARI, PIERRE BRAQUET, AND PIERRE BORGEAT. Stimulation of Lipoygenase Product Synthesis in Human Leukocytes and Platelets by Melittin .................................................. 546

PHILIP ZEITLER AND STUART HANDWERGER. Arachidonic Acid Stimulates Phosphoinositide Hydrolysis and Human Placental Lactogen Release in an Enriched Fraction of Placental Cells .... 549

R. A. YEATES, H. LAUFEN, AND M. LEITOLD. The Reaction between Organic Nitrates and Sulphhydril Compounds: A Possible Model System for the Activation of Organic Nitrates .................................................. 555

PEGGY PELLACK-WALKER, J. KEN WALKER, HELEN H. EVANS, AND JEFFREY L. BLUMER. Relationship between the Oxidation Potential of Benzene Metabolites and Their Inhibitory Effect on DNA Synthesis in L5178YS Cells .......... 560

JOHN A. SOKOLOSKI AND ALAN C. SARTORELLI. Effects of the Inhibitors of IMP Dehydrogenase, Tiazofurin and Mycophenolic Acid, on Glycoprotein Metabolism .................................................. 567

R. D. SNYDER AND N. C. MALICK. Effects of Hydroxyurea and Thymidine Derivatives on the Uptake and Metabolism of Deoxycytidine and Arabinofuranosylcytosine in Log Phase and Contact-Inhibited Diploid Fibroblasts ................................................................. 574

JAN BALZARINI, ERIK DE CLERCQ, ALPONS VERBRUGGEN, DAI AYUSAWA, AND TAKESHI SENO. Highly Selective Cytostatic Activity of (E)-5-(2-Bromovinyl)-2'-deoxyuridine Derivatives for Murine Mammary Carcinoma (FM3A) Cells Transformed with the Herpes Simplex Virus Type 1 Thymidine Kinase Gene .................................................. 581

DAVID P. GIEDROC AND DAVID PUETT. Binding of a Synthetic β-Endorphin Peptide to Calmodulin .................................................................................................................................. 588

AUTHOR INDEX FOR VOLUME 28 .................................................................................................................................. 595

CUMULATIVE SUBJECT INDEX FOR VOLUMES 27 AND 28 .................................................................................................................................. 600

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. (Prices subject to change). 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.