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 BURGISER, 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-Phe² by Inhibiting Its Degradation in Mouse Brain ........................................521


S. BRIMIJ0IN, K. P. MINTZ, AND F. G. PRENDERGAST. An Inhibitory Monoclonal Antibody to Rabbit Brain Acetylcholinesterase: Studies on Interaction with the Enzyme ......................................................539

HASSAN SALARI, PIERRE BRAQUET, AND PIERRE BORGEAT. Stimulation of Lipoxygenase 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 Sulphydryl 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

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, ALFONS VERBRUGGEN, DAI AYUSAWA, AND TAKESHI SENO. Highly Selective Cytostatic Activity of (E)-5-(2-Bromovinyl)-2'-deoxyuridine Derivatives for Murine Mammary Carcinoma (PM3A) 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