CONTENTS


JOHN E. CASIDA, CHRISTOPHER J. PALMER, AND LORETTA M. COLE. Bicycloorthocarboxylate Convulsants: Potent GABA<sub>a</sub> Receptor Antagonists .................................................. 246

JAMES A. NATHANSON. Phenyliminoimidazolidines: Characterization of a Class of Potent Agonists of Octopamine-Sensitive Adenylate Cyclase and Their Use in Understanding the Pharmacology of Octopamine Receptors ........................................... 254

MARY ANN WERZ AND ROBERT L. MACDONALD. Barbital Decrease Voltage-Dependent Calcium Conductance of Mouse Neurons in Dissociated Cell Culture ............................................................ 269

LAWRENCE H. LASH AND DEAN P. JONES. Uptake of the Glutathione Conjugate S-(1,2-Dichlorovinyl)glutathione by Renal Basal-Lateral Membrane Vesicles and Isolated Kidney Cells ........................................... 278

ROY L. HAWKE AND RICHARD M. WELCH. Major Differences in the Specificity and Regulation of Mouse Renal Cytochrome P-450-Dependent Monoxygenases: A Comparison of Xenobiotic and Endogenous Substrates ........................................... 283

JAMES HALPERT, CELIA BALFOUR, NATALIE E. MILLER, EDWARD T. MORGAN, DEBORAH DUNBAR, AND LAURENCE S. KAMINSKY. Isozyme Selectivity of the Inhibition of Rat Liver Cytochromes P-450 by Chloramphenicol in Vivo ........................................... 290

DAVID GURWITZ, YOEL KLOOG, AND MORDECHAI SOKOLOVSKY. High Affinity Binding of [3H]Acetylcholine to Muscarinic Receptors: Regional Distribution and Modulation by Guanine Nucleotides ........................................... 297


STEVEN A. WRIGHTON, ERIN G. SCHUETZ, PAUL B. WATKINS, PATRICK MAUREL, JOYCE BARWICK, BRITNEY S. BAILEY, HEATHER T. HARTLE, BEVERLY YOUNG, AND PHILIP GUZELIAN. Demonstration in Multiple Species of Inducible Hepatic Cytochromes P-450 and Their mRNAs Related to the Glucocorticoid-Inducible Cytochrome P-450 of the Rat ........................................... 312