

CONTENTS

No. 1, March 1971

- Adrenocortical control of epinephrine synthesis. LARISSA A. POHORECKY AND RICHARD J. WURTMAN..... 1

No. 2, June 1971

- Pulmonary oxygen toxicity: a review. J. M. CLARK AND C. J. LAMBERSTEN..... 39

No. 3, September 1971

- Tolerance to, and dependence on, some non-opiate psychotropic drugs. H. KALANT, A. E. LEBLANC, AND R. J. GIBBINS..... 135
The subcellular basis for the mechanism of inotropic action of cardiac glycosides. KWANG S. LEE AND WOLFGANG KLAUS..... 193

No. 4, December 1971

Marihuana and Its Surrogates

- Session I. E. LEONG WAY, chairman
Cannabis Prelude. E. LEONG WAY..... 263
Chemistry of Marihuana. COY W. WALLER..... 265
Biological Disposition of Tetrahydrocannabinols. EDWARD B. TRUITT, JR..... 273
Toxicology of Marihuana. ROBERT B. FORNEY..... 279
General and Behavioral Pharmacology. LOUIS S. HARRIS..... 285
General Pharmacological Actions of Some Synthetic Tetrahydrocannabinol Derivatives. HAROLD F. HARDMAN, EDWARD F. DOMINO AND MAURICE H. SEEVERS..... 295
Central Nervous System Actions of Some Synthetic Tetrahydrocannabinol Derivatives. EDWARD F. DOMINO, HAROLD F. HARDMAN AND MAURICE H. SEEVERS..... 317
Session II. HARRIS ISBELL, chairman
Clinical Pharmacology of Marihuana. HARRIS ISBELL..... 337
Dose-Response Relationships to Cannabis in Human Subjects. GLENN F. KIPLINGER AND JOSEPH E. MANNO..... 339
Actions of Various Marihuana Derivatives in Man. LEO E. HOLLISTER..... 349
Marihuana-Induced "High": Influence of Expectation, Setting and Previous Drug Experience. REESE T. JONES..... 359
Metabolism and Disposition of Δ^9 -Tetrahydrocannabinol in Man. LOUIS LEMBERGER, JULIUS AXELROD AND IRWIN J. KOPIN..... 371