CONTENTS OF VOLUME 168

No. 1, July 1969

·	
The Effect of Ethacrynic Acid on Sodium Transport by Isolated Rabbit Ileum. R. A. Chez, E. O. Horger, III and Stanley G. Schultz	1
The Binding of Organic Bases to Kidney Cortex Slices. ROBERT J. McIsaac	6
Resting Tension in Rat Myometrium. Jack Diamond and Jean M. Marshall A Comparison of the Effects of Various Smooth Muscle Relaxants on the Electrical	13
and Mechanical Activity of Rat Uterus. Jack Diamond and Jean M. Marshall. Possible Involvement of Cardiac Na+, K+-Adenosine Triphosphatase in the Mechanism of Action of Cardiac Glycosides. Arnold Schwartz, Julius C. Allen	
AND SHOICHI HARIGAYAA Possible Biochemical Explanation for the Insensitivity of the Rat to Cardiac Gly-	
cosides. Julius C. Allen and Arnold Schwartz	42
BARBARA L. KENNEDY AND THEODORE C. WEST	47
and Reserpine-Pretreated Cat Heart Muscle. Bert Spilker and Peter Cervoni. Effect of Nitrates and Other Coronary Dilators on Large and Small Coronary Vessels: An Hypothesis for the Mechanism of Action of Nitrates. Martin M. Winbury,	60
BURTON B. Howe and Mildred A. Hefner	70
to Acetylcholine, Serotonin, Histamine and Isoproterenol in Intact Dogs. Albert L. Hyman	r 96
Nicotinic and Muscarinic Receptors in the Cardiac Sympathetic Ganglia of the Dog. JEROME H. FLEISCH, WERNER FLACKE AND RICHARD A. GILLIS	106
Studies on dl-4-(2-Hydroxy-3-Isopropylaminopropoxy)-Indole (LB 46), a New Potent Beta Adrenergic Blocking Drug. Jean-François Giudicelli, Henri Schmitt and Jacques R. Boissier	
Effects of Nicotine, Dimethylphenylpiperazinium and Cholinergic Blocking Agents at Adrenergic Nerve Endings of the Rabbit Pulmonary Artery. Ove A. Neder-	
GAARD AND JOHN A. BEVAN	121
sis in Intact Animals. BARBARA L. KENNEDY AND SYDNEY ELLIS	137
Adenyl Cyclase of Rat Pineal Gland by Norepinephrine and Sodium Fluoride. Benjamin Weiss	146
and the Conditioned Avoidance Response. Norman J. Uretsky and Lewis S. Seiden	153
Effects of Lithium on Brain Energy Reserves and Cations in Vivo. Lucy J. King, Juanita L. Carl, Ellen G. Archer and Mark Castellanet	163
The Pharmacology of 2-(Ethylamino)-2-(2-Thienyl)Cyclohexanone HCl (CI-634). Graham Chen, Charles R. Ensor and Barbara Bohner	
Isolation of Two Different Glucuronide Metabolites of Naloxone from the Urine of Rabbit and Chicken. James M. Fujimoto	
Uptake of Chloroquine-3-H ³ by <i>Plasmodium knowlesi in Vitro</i> . HERMAN POLET AND CHARLES F. BARR	
The Binding of Gallium by Blood Serum. RONALD E. HARTMAN AND RAYMOND L.	193
Evans Blue-Carrageenan Pleural Effusion as a Model for the Assay of Nonsteroidal Antirheumatic Drugs. LAWRENCE F. SANCILIO	199
A Method for Detecting Amphetamine Using Gas Chromatography of a Halogenated	
Derivative. James S. Noonan, Philip W. Murdick and Richard S. Ray	$\frac{205}{210}$

iv contents

No. 2, August 1969

Inhibition by Steroids of Parathyroid Hormone-Induced Ca ⁴⁵ Release from Embryonic Rat Bone in Vitro. PAULA H. STERN	011
Biliary Flow after Microsomal Enzyme Induction. Curtis D. Klaassen	
Alterations in Kinetic Constants for Hepatic Microsomal Aniline Hydroxylase and	210
Ethylmorphine N-Demethylase Associated with Pregnancy in Rats. Anthony	
M. GUARINO, THEODORE E. GRAM, DAVID H. SCHROEDER, JACQUELINE B. CALL	
AND JAMES R. GILLETTE	224
Inhibition of Dopamine β -Hydroxylase by Aromatic and Alkyl Thioureas. G. A.	
JOHNSON, S. J. BOUKMA AND E. G. KIM	229
Metabolism of Pentaerythritol Trinitrate and Pentaerythritol by Dogs. FREDERICK	
J. DiCarlo, Myriam D. Melgar, Lloyd J. Haynes, Rosemarie L. Gala and	
MALCOLM C. CREW	235
The Effects of Caffeine on Glucose Metabolism of Polymorphonuclear Leukocytes.	
N. V. Dimitrov, J. Miller and S. R. Ziegra	240
Acquisition and Loss of Tolerance to Ethanol by the Rat. A. E. LEBLANC, H. KALANT,	
R. J. GIBBINS AND N. D. BERMAN	244
Drug-Test Interaction as a Factor in the Development of Tolerance to the Analgesic	
Effect of Morphine. W. J. Adams, S. Y. Yeh, L. A. Woods and C. L. MITCHELL	251
Response of Neurogenic Amines to Aggregation and Strangers. EUGENE L. BLISS AND	
JANIE AILION	258
Separation of Catecholamine-Storing Synaptosomes in Different Regions of Rat	
Brain. Alan I. Green, Solomon H. Snyder and Leslie L. Iversen	264
Modification by Desipramine (DMI) of the Availability of Norepinephrine Released	
by Reserpine in the Hypothalamus of the Rat in Vivo. F. SULSER, M. L. OWENS,	
S. J. STRADA AND J. V. DINGELL.	272
Effects of a Convulsant Barbiturate on the Spinal Monosynaptic Pathway. HALL	
DOWNES AND JOHN K. WILLIAMS	
The Negative Chronotropic Effect of Tyramine on Isolated Guinea-Pig Atria. T. H.	
TSAI, R. L. WENDT AND W. R. McGrath	290
Some Aspects of the Pharmacology of Valyl ⁵ -\(\theta\)-(Pyrazolyl-3)-L-Alanyl ⁶ -Angiotensin	
II. WILLIAM E. HAGEMAN, KLAUS HOFMANN, ROBERT J. ERTEL AND JOSEPH P.	
Buckley	295
Attenuation of Dopamine Renal and Mesenteric Vasodilation by Haloperidol: Evidence	
for a Specific Dopamine Receptor. BILLY K. YEH, JOHN L. McNAY AND LEON	
I. Goldberg	303
The Renal Handling of α-Methyltyrosine. JERRY B. HOOK AND KENNETH E. MOORE	
Structure-Activity Relationships of N-Alkyl and Heterocyclic Analogs of Hemicho-	
linium-3. F. W. Benz and J. P. Long	315
Index, Volume 168, July-August 1969	