Downloaded from jpet.aspetjournals.org at ASPET Journals on April 9, 2024

CONTENTS

Number 1, January, 1944

TOMBER 1, URNOREI, 1011	
 I. Vaculsar Fragility and Permeability as Influenced by Various Agents. I. A Description of an Experimental Method and of the Effects of Various Substances Related to Vitamin P. George J. Majovski, A. J. Lesser, Homer C. Lawson, Herbert O. Carne and C. H. Thienes. II. Studies on Physostigmine and Related Substances. I. Quantitative Relation between Dosage of Physostigmine and Inhibition of Cholinesterase Activity in the Blood Serum of Dogs. Otto Krayer, Avram Goldstein, and Frank L. Plachte. 	1 8
III. Methemoglobinemia after Administration of p-Aminoacetophenone and p-Aminopropiophenone. J. M. Vandenbelt, Carl Pfeiffer, Margaret Kaiser and Margaret Sibert.	31
IV. Pharmacologic Action of Erythrina Alkaloids. I. β-Erythroidine and Substances Derived from It. Klaus Unna, Michael Kniazuk and J. G. Greslin.	39
V. Pharmacologic Action of Erythrina Alkaloids. II. Free, Liberated and Combined Alkaloids. Klaus Unna and Joseph G. Greslin	53
VI. A Pharmacological Study of an Extract of Erythrina Crista Galli (Ceibo).	22
R. Pichard and J. V. Luco	62
and Some Other Derivatives of Acridine. Thomas C. Butler VIII. Formation of Methemoglobin. III. The Influence of Total Hemoglobin on the Formation of Methemoglobin from Acetanilide. Giorgio Lolli,	70
David Lester and Miriam Rubin IX. Formation of Methemoglobin. IV. Limited Importance of Methemoglobinemia in the Toxicity of Certain Aniline Derivatives. David	74
Lester, Leon A. Greenberg and Evelyn Shukovsky	78
Acids. E. W. McChesney, O. W. Barlow, and G. H. Klinck, Jr	81
Ralph B. Hogan, M.D., and Harry Eagle, M.D	93
XII. The Determination of Salicylic Acid in Plasma. Bernard B. Brodie, Sidney Udenfriend and Alvin F. Coburn	114
Number 2, February, 1944	
XIII. A Pharmacologic Study of 5-allyl-5-\(\Delta^2\)-cyclopentenyl Barbituric Acid (Cyclopal). Milton J. Vander Brook and George F. Cartland	119
XIV. The Influence of Temperature on the Action of Digitoxin and Potassium on Striated Muscle. Samuel A. Guttman	126
XV. Tissue Aldehydes and their Reaction with Amines. Kurt A. Oster and Michael G. Mulinos	
XVI. Chronic and Delayed Toxic Effects of Certain Saturated and Unsaturated	132
Halogenated Hydrocarbons in White Rats and White Mice. B. E. Abreu, S. H. Auerbach, J. M. Thuringer and S. A. Peoples	139
XVII. Biochemical Aspects of the Toxicity of Atabrine. I. Acute Effects of Massive Doses in the Rat. John V. Scudi, Viola C. Jelinek and Samuel	
XVIII. Biochemical Aspects of the Toxicity of Atabrine. II. The Influence of the Diet upon the Effects Produced by Repeated Doses of the Drug.	144
John V. Scudi and Margaret T. Hamlin	150

	Hypoprothrombinemia Induced by Administration of Indandione Derivatives. Herman Kabat, E. F. Stohlman and M. I. Smith	
XXI.	and John C. Krantz, Jr	171
	Cat. Abraham Wikler	
	Tissue-proteins of the Rabbit. G. Fawaz and A. Farah	
	Number 3, March, 1944	
XXV.	Action of Anti-cholinesterases on the Motility of the Extrinsically Denervated Intestine in Situ. W. B. Younmans, A. I. Karstens and H. E. Griswold, Jr	205
XXVI.	The Hypothalamic Control of Aspirin Antipyresis in the Monkey. F. Guerra (Perez-Carral) and J. R. Brobeck.	
XXVII.	Investigation of the Antibacterial and Toxic Action of Certain Acridine Derivatives. J. Ungar, M.D., L.R.C.P., M.R.C.S., and F. A. Robinson,	203
XXVIII.	M.Sc., Tech., F.I.C	217
	and S. Witherup	233
	Clinical Tests of Cellulose Acetate Phthalate as an Enteric Coating. Harold C. Hodge, Henry H. Forsyth, Jr. and George H. Ramsey	241
XXX.	The Chronic Toxicity of Cellulose Acetate Phthalate in Rats and Dogs. Harold C. Hodge	250
XXXI.	Effects of Posterior Pituitary Extract, Oxytocin (Pitocin) and Ergonovine Hydracrylate (Ergotrate) on Uterine, Arterial, Venous and Maternal Effective Placental Arterial Pressures in Pregnant Humans. R. A.	
XXXII.	Woodbury, W. F. Hamilton, B. E. Abreu, R. Torpin and P. H. Fried Dinitrophenol Cataract: Production in an Experimental Animal. Ben-	
XXXIII.	jamin H. Robbins	264
3/3/3/37	Krayer	272
	Choline Esters with Atropine-Like Action. Kenneth C. Swan and N. G. White	285
XXXV.	The Chronic Oral Toxicity of Selenium. O. Garth Fitzhugh, Arthur A. Nelson and C. I. Bliss	289
	The Evaluation of the Analgesic Action of Pethidine Hydrochloride (Demerol). G. Woolfe and A. D. MacDonald	300
	Number 4, April, 1944	
	Pharmacological Action of the Venom of Latrodectus mactans and Other Latrodectus Spiders. Rafael R. L. Sampayo	309
XXXVIII.	The Effect of Temperature on the Inactivation of Epinephrine in vivo and in vitro. Frederick A. Fuhrman, Jefferson M. Crismon, Geraldine J. Fuhrman and John Field, 2d.	323
XXXIX.	The Spasmolytic and Local Anesthetic Action of Some Esters of 9,10-Dihydroanthracene-Carboxylic Acid and Related Compounds. G. Leh-	335

CONTENTS V

XL.	Studies on the Relation of Drug Addiction to the Autonomic Nervous	
	System: Results of Tests of Peripheral Blood Flow. C. K. Himmelsbach.	343
XLI.	The Action of Atabrine on the Electro Cortico Potentials. E. P. Pick	
	and J. Hunter	354
XLII.	The Influence of Thiamin-Deficiency on Work Performance in Rats.	
	Michael Kniazuk, E.E., and Hans Molitor, M.D.	362
	Biological Assay of Posterior Pituitary. Robert E. Thompson	373
XLIV.	Studies Concerning the Absorption and Detoxification of Anesthetic	
	Steroids. Hans Selye and Helen Stone	386
XLV.	Studies on Antimalarial Drugs. The Preparation and Properties of a	
	Metabolic Derivative of Quinine. F. E. Kelsey, E. M. K. Geiling,	
	Frances K. Oldham and Earl H. Dearborn	391
XLVI.	Studies on the Detoxication of Organic Arsenical Compounds. V. Ad-	
	ditional Detoxicants for Pentavalent Arsenicals. J. H. Sandground	393
XLVII.	Inhibition of Histamine Effects by Compounds of Histamine, Histidine	
	and Arginine. M. Rocha e Silva	399