

CONTENTS

NUMBER 1, JANUARY, 1941

I. The Toxicity of Strontium and Calcium. Versa V. Cole, Ben K. Harned and Roberta Hafkesbring.....	1
II. The Action of Strontium and Calcium on the Uterus. Ben K. Harned and Versa V. Cole.....	6
III. The Effect of Para-Aminobenzoic Acid on the Bacteriostatic Action Produced by Sodium Paranitrobenzoate on a Strain of Streptococcus Viridans. John K. Miller.....	14
IV. Some Toxicological and Pharmacological Properties of the Proteolytic Enzyme, Ficin. Hans Molitor, Charles W. Mushett and Samuel Kuna	20
V. A Comparison of the Infantile and Adult Rat Methods for the Assay of the Oestrus-Inducing Gonadotrophic Substance. R. D. Heard.....	30
VI. The Electrolytic Dissociation of Morphine Derivatives and Certain Synthetic Analgetic Compounds. Fred W. Oberst and Howard L. Andrews.....	38
VII. The Effects of Certain Chemical Changes on the Addiction Characteristics of Drugs of the Morphine, Codeine Series. C. K. Himmelsbach	42
VIII. A Comparison of the Response of Yaws and Syphilis in the Rabbit to Therapy with Mapharsen and Nearsphenamine. B. J. Longley, N. M. Clausen and A. L. Tatum.....	49
IX. Chemotherapeutic Activity of N ⁴ -Acylsulfanilhydroxamides. Bettylee Hampil, G. W. Webster and Maurice L. Moore.....	52
X. The Local Anesthetic Activity and Toxicity of Alkamine Esters of p-Fluorobenzoic Acid. E. E. Campaigne, A. C. Starke, Jr., L. S. Fosdick and C. A. Dragstedt.....	59
XI. Further Study of Central Stimulation from Sympathomimetic Amines. J. W. Schulte, E. C. Reif, J. A. Bacher, Jr., W. S. Lawrence, and M. L. Tainter.....	62
XII. Pharmacological Studies in Experimental Alcoholism. I. The Effect of Sympathomimetic Substances on the Blood-Alcohol Level in Man. Max Rinkel and Abraham Myerson.....	75
XIII. The Potentiation and Paralysis of Adrenergic Effects by Ergotoxine and Other Substances. Chang-Shaw Jang.....	87
XIV. Adrenaline Destruction in the Liver and Methylene Blue. Flora J. Philpot and G. Cantoni.....	95

NUMBER 2, FEBRUARY, 1941

XV. Experiences with the Biological Assay of Several Sympathicotonic Substances Including Epinephrine. Axel M. Hjort, Edwin J. deBeer and Lowell O. Randall.....	105
XVI. Studies on Purified Digitalis Glucosides. III. The Relationship Between Therapeutic and Toxic Potency. McKeen Cattell and Harry Gold.....	114

XVII. Anesthesia. III. The Pharmacology of Methyl Allyl Ether. John C. Krantz, Jr., C. Jelleff Carr, Sylvan Forman and W. G. Harne.....	126
XVIII. Studies of the Urinary Excretion of Guanidine Administered Orally to Normal Persons and Patients with Myasthenia Gravis. A. S. Minot and Helen E. Frank.....	130
XIX. Observations on the Toxicology of Sulfathiazole and Some Related Compounds. H. A. Walker and H. V. van Dyke.....	138
XX. The Enzymic Inactivation of Substituted Phenyl-propyl-(Sympathomimetic)-Amines. Karl H. Beyer.....	151
XXI. The Enzymatic Deacetylation of Heroin and Related Morphine Derivatives by Blood Serum. C. I. Wright.....	164
XXII. The Action of Berberine on Mammalian Hearts. Chang-Shaw Jang....	178
XXIII. The Circulatory Action, After Atropine, of Certain Furfuryl Ammonium Iodides and of Acetyl-Beta-Methylcholine Chloride (Mecholyl). Edwin J. Fellows and A. E. Livingston.....	187
XXIV. The Toxicity of Dilaudid Injected Intravenously into Mice. M. E. Buchwald and G. S. Eadie.....	197

NUMBER 3, MARCH, 1941

XXV. Effect of Sulfur Compounds in the Diet on Sulfanilamide Cyanosis and Anemia. Arthur P. Richardson.....	203
XXVI. Toxicity of Naphthoquinones with Vitamin K Activity in Mice. Michael B. Shimkin.....	210
XXVII. Experimental Study of Tolerance to Sulfanilamide in the Albino Rat. Abraham D. Krems, Arthur W. Martin and James M. Dille.....	215
XXVIII. Effects of Continued Cadmium Feeding. Robert H. Wilson, Floyd DeEds and Alvin J. Cox, Jr.....	222
XXIX. On the Role of the Liver in the Detoxification of Steroid Hormones and Artificial Estrogens. Hans Selye.....	236
XXX. The Distribution of Injected Organic Diselenides in Tissues of Tumor-Bearing Animals. Saul B. Gusberg, Paul Zamecnik and Joseph C. Aub.....	239
XXXI. The Estimation by a Manometric Method of the Activity of Cholinesterase in Lymph. Dale G. Friend and Otto Kraye.....	246
XXXII. The Rate of Thermal Destruction of Water Balance Principles in Pituitary (Posterior Lobe) Extract Assayed by the Burn and Boyd-Mack Methods. Eldon M. Boyd and Roderick W. Dingwall.....	253
XXXIII. The Biological Estimation of Ergometrine. Edwin J. deBeer and Paul E. Tullar.....	256
XXXIV. Pharmacologic Responses of Daphnia Magna. Torald Sollmann and Walter Webb.....	261
XXXV. The Effects of Sodium Diphenyl Hydantoinate (Dilantin) on Vitamin C Level in Tissues and Vitamin C Excretion in Rats. Miles E. Drake, Charles M. Gruber and Victor G. Haury.....	268
XXXVI. The Pharmacology of Some Derivatives of Mono Alpha Secondary Furfurylamine and of Di-Alpha Furfuryl Tertiary Amine. Michael G. Mulinos and S. Disick.....	273
XXXVII. The Action of Methylene Blue Upon Cyanide Poisoning in the Turtle. J. M. Johlin.....	280
XXXVIII. The Reability of the Cobalt-Isopropylamine Color Reaction for Amytal. The Evaluation of Chromogenic Substances in Urine. R. F. Krause and Richard F. Riley.....	287

- XXXIX. The Effect of Histamine on the Pulmonary Blood Pressure of Various Animals With and Without Anesthesia. R. A. Woodbury and W. F. Hamilton 293

NUMBER 4, APRIL, 1941

- XL. Hans Horst Meyer, 1853-1939 301
- XLI. Cooling Drugs and Cooling Centres. F. E. Rosenthal 305
- XLII. Clearance of the Diethylamine and Diethanolamine Salts of 3:5 Diiodo-4-Pyridone-N-Acetic Acid. D. A. K. Black, J. F. Powell, and F. H. Kemp 315
- XLIII. A Note on the Pharmacology of Di(β -Cyclohexylethyl) Methylamine Hydrochloride (Cyverine Hydrochloride). Robert A. Lehman 317
- XLIV. Cyverine Hydrochloride, a New Synthetic Papaverine-Like Compound. A Report on Its Vasodilator Action in Chronic Occlusive Peripheral Vascular Diseases. Roy J. Popkin 320
- XLV. The Pial Circulation of Normal, Non-Anesthetized Animals. Part 1. Description of a Method of Observation. Theodore P. Sohler, Gladys N. Lothrop and Henry S. Forbes 325
- XLVI. The Fibrillation Threshold after Administration of Digitalis and Ouabain. René Wégria, J. H. Geyer and B. S. Brown 336
- XLVII. Studies in the Absorption, Distribution and Elimination of Alcohol. VIII. The Diuresis from Alcohol and Its Influence on the Elimination of Alcohol in the Urine. Howard W. Haggard, Leon A. Greenberg and Richard P. Carroll 349
- XLVIII. The Reduction of Neoprontosil by Tissues in Vitro. Frederick Bernheim 344
- XLIX. The Electrocardiogram in Acute Emetine Intoxication. Linn J. Boyd, M.D., F.A.C.P., and David Scherf, M.D. 362
- L. Studies on the Absorption, Distribution and Elimination of Alcohol. IX. The Concentration of Alcohol in the Blood Causing Primary Cardiac Failure. H. W. Haggard, L. A. Greenberg, L. H. Cohen and N. Rakieten 358
- LI. Effects of Morphine and Its Derivatives on Intermediary Metabolism. II. The Influence of Thiamin Deficiency on the Respiration of Skeletal Muscle and Cocarboxylase Content of Tissues of Normal and Chronically Morphinated Rats. F. E. Shideman and M. H. Seevers 383
- LII. Effects of Morphine and Its Derivatives on Intermediary Metabolism. I. The Influence of Morphine, Codeine and Thebaine on the Activity of Several Dehydrogenases and on the Respiration of Rat Cerebrum. M. H. Seevers and F. E. Shideman 373
- LIII. The Action of Vitamin C and Phenol Oxidase in the Inactivation of Beta Phenylisopropylamine (Amphetamine). Karl H. Beyer 394

The Library of
the Psychiatric Institute
and Hospital