

CONTENTS

No. 1. MARCH 1947

PAGE

A Method of Estimating Curare-like Activity on the Isolated Phrenic Nerve Diaphragm Preparation of the Rat. T. C. CHOU.....	1
The Relative Activity of Prostigmine Homologues and other Substances as Antagonists to Tubocurarine. EDITH BÜLBRING and T. C. CHOU.....	8
Effect of Streptomycin on Experimental Tuberculosis in Guinea-pigs. LÖIS DICKINSON.....	23
The Relationship between Survival Time and Dosage with Certain Toxic Agents. G. E. P. BOX and H. CULLUMBINE.....	27
The Effect of Exposure to Sub-lethal Doses of Phosgene on the Subsequent L(C ₁)50 for Rats and Mice. G. E. P. BOX and H. CULLUMBINE.....	38
The Cholinesterase Inhibiting Action of Fluorophosphonates. E. D. ADRIAN, W. FELDBERG, and B. A. KILBY.....	56
The Possibility of Toxic Effects from 2:3-Dimercaptopropanol in Conditions of Impaired Renal or Hepatic Function. G. R. CAMERON, F. BURGESS, and V. S. TRENWITH.....	59

No. 2. JUNE 1947

The Absorption of Some Sulphaguanidine Derivatives in Mice. F. L. ROSE and A. SPINKS.....	65
The Effects of Pyrimidine Sulphonamide Derivatives upon the Blood-clotting System and Testes of Chicks and the Breeding Capacity of Adult Fowls. F. D. ASPLIN and E. BOYLAND.....	79
The Comparison of Respiratory Stimulant Drugs. R. H. THORP.....	93
The Biological Estimation of Substances Used in Treating Cestode Infestations. PAMELA HOLTON.....	100
The Affinity of Atropine-like Esters for Esterases. H. BLASCHKO, T. C. CHOU, and ISABELLE WAJDA.....	108
The Inhibition of Esterases by Paludrine. H. BLASCHKO, T. C. CHOU, and ISABELLE WAJDA.....	116
Oxidation of Adrenaline in Alkaline Solution. G. B. WEST.....	121
The Action of Acetylcholine, Adrenaline, and Other Substances on the Refractory Period of the Rabbit Auricle. F. J. DE ELÍO.....	131
The Inhalation of Hexoestrol. G. L. FOSS and J. H. GADDUM.....	143

No. 3. SEPTEMBER 1947

PAGE

2- <i>p</i> -Aminobenzenesulphonamido-4 : 6-dimethoxypyrimidine: Experimental Evaluation. J. C. GAGE, A. R. MARTIN, F. L. ROSE, A. SPINKS, and G. A. P. TUEY.....	149
2- <i>p</i> -Aminobenzenesulphonamido-4 : 6-dimethoxypyrimidine Absorption and Excretion in Man. H. G. L. BEVAN.....	163
(With Notes on a Clinical Trial in Pneumonia ... R. W. LUXTON)	
An Assessment of the Value of Suggested Therapies for Leucopenia. H. CULLUMBINE.....	169
Selective Inhibition of Pseudo-Cholinesterase by Diisopropyl Fluorophosphonate. R. D. HAWKINS and B. MENDEL.....	173
A Preliminary Report of the Toxicity and the Associated Blood Concentrations of Paludrine in Laboratory Animals. RUTH BUTLER, D. G. DAVEY, and A. SPINKS.....	181
pA, A New Scale for the Measurement of Drug Antagonism. H. O. SCHILD.....	189
Some Actions of β -Hydroxy- $\alpha\beta$ -diphenylethylamine. C. B. B. DOWNMAN	207
The Therapeutic Action of Some Known Amoebicides in Rats. W. R. JONES.....	217

No. 4. DECEMBER 1947

The Technique of Testing Chemotherapeutic Action on <i>Plasmodium Gallinaceum</i> . ISABEL M. TONKIN and FRANK HAWKING.....	221
The Toxicity of Alkyl Fluorophosphonates in Man and Animals. B. A. KILBY and M. KILBY.....	234
The Mode of Action of Myanesin. F. M. BERGER.....	241
The Use of Drug Antagonists for the Identification and Classification of Drugs. H. O. SCHILD.....	251
The Influence of Calcium and Potassium Ions on the Toxicity of Ouabain. J. B. E. BAKER.....	259
The Blocking Effect of Bis-triethyl-ammonium Salts on Transmission in the Perfused Superior Cervical Ganglion of the Cat. T. C. CHOU and F. J. DE ELÍO.....	268
The Persistence in the Blood Stream of Some Analogues of Sulphadimethoxypyrimidine. A. SPINKS.....	271
Index to Volume 2.....	279