CONTENTS

NUMBER 1, JULY, 1933

Tissue Culture Studies on the Relation of the Tuberculin Reaction to Anaphylaxis and the Arthus Phenomenon. Joseph D. Aronson .......... 1
The Urticarial Skin Reaction in Normal and Sensitized Guinea Pigs. Lewis S. Pilcher, 2nd .......................................................... 11
Complement-Fixation with S. and R Antigens and the Sera of 100 cases of Tuberculosis. Christine E. Rice, J. H. Orr and G. B. Reed .... 19
The Blood Grouping of Macacus rhesus. Including Comparative Studies of the Antigenic Structure of the Erythrocytes of Man and Macacus rhesus. Leon Buchbinder ....................................................... 33
The Existence of Antigenic Determinants of Diverse Specificity in a Single Protein. I. Tyrosin- and Histidin-Diazo-Arsanilic Acids as Haptens. Sanford B. Hooker and William C. Boyd ............................. 61
The Distribution of the Virus of Poliomyelitis in the Cerebrospinal Axis of Monkeys. Maurice Brodie ........................................... 71
The Titration of Poliomyelitic Virus Containing Tissue. Maurice Brodie ... 87
So-called "Serum Sickness" in Rabbits Following the Intravenous Injection of Various Foreign Serums. Its Relation to Precipitins. Devorah Khorazo ............................................................. 113

NUMBER 2, AUGUST, 1933

Merthiolate as a Preservative for Biological Products. II. The Production and Preservation of Diphtheria Toxoid. L. C. Morgan, W. A. Jamieson and H. M. Powell .................................................... 121
The Effect of Staphylococcus Bacteriophage Lysin on Resistant Strains of Staphylococci. Morris L. Rakieten ................................... 127
The Preparation of Diphtheria Toxoid by Treatment of the Toxin with 1 Per Cent Formalin and Precipitation with Acetone. Augustus Wadsworth, James J. Quigley and Gretchen R. Sickles .......... 139
A Specific Precipitation Test for the Standardization of Type I Antipneumococcus Serum. Rachel Brown ........................................... 149
Certain Characteristics of the Water-insoluble Protein of Normal as Compared with that of Antipneumococcus Horse Serum. Lloyd D. Felton and Gladys Kauffmann ....................................................... 165
On the Specificity of Brominated and Iodinated Proteins. Morris H. Finkelstein ................................................................. 179
Effect of pH on Heat Inactivation of Tetanolysin. Robert Schrek .......... 183
CONTENTS

NUMBER 3, SEPTEMBER, 1933

A Test for the Therapeutic Value of Antipneumococcus Serum. Kenneth Goodner ............................................................. 199

Local Organ Hypersensitiveness. V. The Fate of Antigen and the Appearance of Antibodies During the Development of Hypersensitiveness in the Rabbit Eye. Beatrice Carrier Seegal, David Seegal and Devorah Khorazo. .............................................................. 207

Local Organ Hypersensitiveness. VI. An Indirect Method for Its Production in the Rabbit Eye. Beatrice Carrier Seegal and David Seegal.............................................................. 221

Studies on Trachoma. III. The Susceptibility of Rhesus Monkeys to Conjunctival Infection by Bact. granulosis under Various Experimental Conditions. Charles Weiss ........................................... 227

Studies on Trachoma. IV. The Direct Transmission of Human Trachomatous Lesions to Various Animals. Charles Weiss.......................... 247

Studies on Trachoma. V. The Agglutinability of Bact. granulosis in Sera of Trachoma Patients. Charles Weiss, with the assistance of Garvey B. Bowers.............................................................. 259

A Precipitin Reaction in Yellow Fever. T. P. Hughes ............... 275

NUMBER 4, OCTOBER, 1933

Studies on Tissue Reactions in Immunity. VII. A Quantitative Measure of Skin Sensitivity. Reuben L. Kahn .............................................................. 295

Studies on Tissue Reactions in Immunity. VIII. Quantitative Relation Between Skin Sensitivity and Serum Precipitins. Reuben L. Kahn .............. 307

Studies on Tissue Reactions in Immunity. IX. Desensitization of Rabbits Sensitized to Complex Proteins. Reuben L. Kahn .......................... 317

Studies on Tissue Reactions in Immunity. X. Acquired Sensitivity of Rabbits to Different Organisms. Reuben L. Kahn ...................... 331

Studies on Tissue Reactions in Immunity. XI. Comparative Response Following Intravenous and Intradermal Injections of Organisms. Reuben L. Kahn................................. 339

Studies on Tissue Reactions in Immunity. XII. Desensitization of Rabbits Sensitized to Organisms and Accompanying Phenomena. Reuben L. Kahn ...................... 347

Studies on Tissue Reactions in Immunity. XIII. Natural Sensitivity of Rabbits to Different Organisms. Reuben L. Kahn ...................... 363

NUMBER 5, NOVEMBER, 1933

The Volume of Precipitate in Precipitin Reactions. F. S. Jones and Ralph B. Little .............................................................. 381

Studies in Microbic Dissociation. I. The Effects of Dissociation upon the Antigenic Behavior of Salmonella and Shigella Cultures. G. M. Mackenzie and Helen Fitzgerald .............................................................. 397

Studies on Cultures and Broth Filtrates of Staphylococci. IV. Antitoxin Content of Rabbit Serums Immune to Staphylococcus Toxin and the Precipitin Reactions of Such Serums. Earl L. Burky ...................... 419
CONTENTS

Complement Fixation Test in Carcinoma. William Saphir and Nell Hirschberg ........................................................... 439


NUMBER 6, DECEMBER, 1933

Species Specificity of Fibrinogens. Harold B. Kenton ...................... 461

The Survival of Neurotropic Yellow Fever Virus in Testicular Tissues. Wray Lloyd and Alexander F. Mahaffy ........................................ 471

The Comparative Value of Tuberculoprotein (MA 100) and Old Tuberculin, with Especial Reference to Sensitization. Joseph D. Aronson and Rae V. Nicholas ........................................................... 483

Streptococcus Leucocidin. Frederick P. Gay and Florence Gram .......... 501