CONTENTS

NUMBER 1, JULY, 1935

The Effect of Injection Methods on the Species Specificity of Serum Precipitins. Harold R. Wolfe ........................................... 1

The Nature of Post-Anaphylactic State in Guinea Pigs. Hyperglycemia. I. Ostromislensky and M. Openchowski ........................................... 13

Post-Anaphylactic State in Guinea Pigs. I. Ostromislensky and M. Open-
chowski ........................................................................... 19

The Relationship of Circulating Antibody to the Local Inflammatory Rea-
tion to Antigen (the Arthus Phenomenon). James T. Culbertson ....... 29

On the Failure of Concentrated Diphtheria Antitoxin to Give the Ramon
Flocculation Reaction with Toxin. Harry Eagle ..................... 41

Studies on Scarlet Fever Anatoxin. Simultaneous Immunization Against
Scarlet Fever and Diphtheria. K. Ando and S. Nagata ................ 47

Proceedings of the American Association of Immunologists ......... 55

NUMBER 2, AUGUST, 1935

On the Relationship Between Complement and Prothrombin. Armand J.
Quick................................................................. 87

The Response to Yellow Fever Virus in the Nonsusceptible Rabbit. Loring
Whitman ........................................................................... 99

Experiments on Reactivation of the Virus in Neutral Serum-virus Mixtures.
Ram Kumar Goyal ................................................................ 111

The Non-identity of Jack Bean Agglutinin with Crystalline Urease. James
B. Sumner and Stacey F. Howell ........................................ 133

The Antigenic Action of Cholesterol. Augustus Wadsworth, Elizabeth Ma-
taner and Frank Maltaner ............................................. 135

A Further Note on the Quantitative Determination of the Fixation of Com-
plement by Immune Serum and Antigen. Elizabeth Maltaner and
Frank Maltaner ............................................................. 151

The Cytotoxic Principle in Anti-Euglena Rabbit Serum. Mary Elmore
Sauer ............................................................................. 157

Studies on the Venoms of North American Pit Vipers. Thomas S. Githens .. 165

NUMBER 3, SEPTEMBER, 1935

Tests for Immunity to Acute Anterior Poliomyelitis. I. The Technic and
Status of the Monkey Serum-neutralization or Antiviral Test. John A.
Kolmer and Anna M. Rule ............................................. 175

Tests for Immunity to Acute Anterior Poliomyelitis. II. Skin Reactions to
Virus. John A. Kolmer, George Klugh, Jr., and Anna M. Rule ....... 191
Tests for Immunity to Acute Anterior Poliomyelitis. III. Colloidal Gold, Complement Fixation and Precipitation Tests. John A. Kolmer and Anna M. Rule ......................................................... 199
A Method for the Production of Staphylococcus Toxin and Toxoid. George F. Leonard and August Holm .......................................................... 209
Genetic Studies of the Agglutinogens M and N. Harriet S. Hyman .......... 223
Complement-fixation with the Type-specific Carbohydrate of Hemophilus Influenzae Type b. Margaret Pittman and K. Goodner ................. 239
A Study of the Generalized Shwartzman Phenomenon. Kurt Apitz ........ 255

NUMBER 4, OCTOBER, 1935
On the Relation of Heterophile Antigen to Serum Sickness. H. M. Powell, W. A. Jamieson and G. F. Kempf ......................................................... 267
Chemical Study of the Pollen-sensitizing Antibody Combination. Franklin M. Stevens .......................................................... 273
Hemorrhagic Reaction at the Site of Injection of Toxins after Intravenous Injection of Starch in Young and Adult Rabbits. Jules Freund and Elizabeth Page Hosmer ......................................................... 279
Cutaneous Reactions and Antibody Response to Intracutaneous Injections of Pneumococcus Polysaccharides. Maxwell Finland and Harry F. Dowling .......................................................... 285
Studies of Anaphylaxis in the Albino Rat with Reference to Diet and Histamine. Henry N. Pratt .......................................................... 301
An Immunological Study in Laboratory Animals of Thirteen Different Strains of Equine Encephalomyelitic Virus. Beatrice F. Howitt .............. 319

NUMBER 5, NOVEMBER, 1935
Studies on the Chemical Nature of Shwartzman-Active Substances. Kurt Apitz .......................................................... 343
Agglutinins and the Conditioned Reflex. L. M. Kopeloff, N. Kopeloff, and E. Posselt .......................................................... 359
Schick Reactions and Serum Antitoxin Titrations on Children Injected with Diphtheria Formal Toxoid. Charles N. Lesch .......................................................... 367
Serological Tests with Amino Acids. J. Van Der Scheer and K. Landsteiner .......................................................... 371
Neutralization of the Bacteriophage. C. E. Clifton, Elizabeth Mueller and W. Rogers .......................................................... 377
Procedure and Apparatus for Preservation in "Lyophile" Form of Serum and other Biological Substances. Earl W. Flosdorf and Stuart Mudd . . . 389

NUMBER 6, DECEMBER, 1935
Blood Grouping of Rwala Bedouin. William M. Shanklin ................. 427
The Standardization of Antidysenteric Serum (Shiga) by the Polysaccharide Precipitating Test (Zozaya). K. Kurauchi and S. Nagata .......... 435
CONTENTS

Purification of Diphtheria Toxin and Anatoxin.  K. Ando and T. Komiyama.  439
The Antigenic Properties of Bacteria Combined with Antibodies.  Leo
Olitzki. ............................................................................. 453
Reactions Between Lipoids and Antibodies.  I. The Isoelectric Point and
Composition of the Aggregates Obtained on Adding Beef-heart Lipoid to
Syphilitic Serum.  Harry Eagle........................................ 467
Reactions Between Lipoids and Antibodies.  II. The Isoelectric Point and
Composition of Heterophile Lipoid-antibody Aggregates.  Harry Eagle.  485
The Concentration of Antistreptococcus Plasmas of Different Antitoxic
Potencies.  Philip P. Murdick and Jessie L. Hendry............... 501
The Toxigenic Properties of Hemolytic Streptococci from Human Infections.
Augustus Wadsworth and Julia M. Coffey............................ 505
A Note on the Capacity of Boiled Erythrocytes to Remove Agglutinins.
William C. Boyd and Elizabeth H. Tayian........................ 511
Limited Observations on the Antistreptolysin Titer in Relation to Latitude.
Alvin F. Coburn and Ruth H. Pauli................................. 515
Observations on the Action of Human and Animal Blood on the Meningococ-
cus.  Nelles Silverthorne and Donald T. Fraser................. 523