

CONTENTS

NUMBER 1, JANUARY, 1924

Obituary—Oscar Teague.....	1
Human Hypersensitiveness Induced by Very Small Amounts of Horse Serum. Sanford B. Hooker.....	7
Human Hypersensitiveness to Whole Horse Serum or Serum Globulins Following Diphtheria Toxin-Antitoxin Injections. Its importance. William H. Park.....	17
Studies on Anti-meningococcus Serum. I. Production of the Serum. I. R. Mørch.....	25
Iso-Hemagglutinins in Rabbits. Laurence H. Snyder.....	45
The Blood Interrelationship of Horses, Asses and Mules. L. S. N. Walsh....	49
Hemagglutination in Horses. L. S. N. Walsh.....	57

NUMBER 2, MARCH, 1924

Observations on Bacterial Anaphylaxis with Pneumococcus. Hans Zinsser and Tracy B. Mallory.....	75
Tuberculin Hypersensitiveness without Infection in Guinea pigs. Hans Zinsser and S. A. Petroff.....	85

NUMBER 3, MAY, 1924

The Protection of Dogs against Rabies by Umeno's Method of Preventive Inoculation. S. Hata.....	89
A Quantitative Analysis of Hemagglutination and Hemolysis. Raphael Isaacs.....	95
The Qualitative Receptor Analysis in Its Application to Typhoid Fever. A. Felix.....	115
The Importance of Polyvalence in the Use of Therapeutic Antimeningococcus Serum. A. Felix and R. Yunowich.....	193
A Simplified Hydrogen Electrode Vessel. Robert N. Nye.....	207
Serological Examination of a Species-Hybrid. I. On the Inheritance of Species-Specific Qualities. Karl Landsteiner and James van der Scheer. 213	213
Serological Examination of a Species-Hybrid. II. Tests with Normal Agglu- tinins. Karl Landsteiner and James van der Scheer.....	221
On Antigenic Properties of Horse Serum and Egg Albumen after Heat Coagulation. Hans Zinsser.....	227

NUMBER 4, JULY, 1924

Inflammatory Reaction of the Immune Animal to Antigen (Arthus Phenomenon) and Its Relation to Antibodies. Eugene L. Opie.....	231
---	-----

Desensitization to Local Action of Antigen (Arthus Phenomenon). Eugene L. Opie	247
Acute Inflammation Caused by Antibody in an Animal Previously Treated with Antigen. The Relation of Antigen to Antibody in the Arthus Phenomenon. Euguen L. Opie	255
Pathogenesis of the Specific Inflammatory Reaction of Immunized Animals (Arthus Phenomenon). The Relation of Local "Sensitization" to Immunity. Eugene L. Opie	259
Immunity in Rocky Mountain Spotted Fever. Charles L. Connor	269
The Chemical Basis of Immunological Specificity. H. Gideon Wells	291
Immunological Studies in Tuberculosis. II. Further Observations on Skin Hypersensitiveness in Experimental Tuberculosis. S. A. Petroff	309
The Influence of Anaphylactic Shock on Fluid in the Peritoneal Cavity. 1. Influence upon Quantity of Fluid Absorbed and upon Δ of the Fluid. Moyer S. Fleisher and Leo L. Mayer	319
Human Sensitization after Large Amounts of Horse Serum. George M. Mackenzie	333

NUMBER 5, SEPTEMBER, 1924

A Contribution to the Cellular and Humoral Theories of Anaphylaxis and Similar Processes. I. L. Kritchevsky and O. G. Birger	339
On the Nature of the "Cohesive Factor" in Spontaneous Agglutination of Bacteria. Especially Considering the Interfacial Surface Tension. Ralph R. Mellon, W. S. Hastings and C. Anastasia	365
On the Biochemical Index of Various Races in the East Indian Archipelago. W. J. Bais and A. W. Verhoef	383
The Pulmonary Circulation in Anaphylactic Shock. Cecil K. Drinker and Jacques Bronfenbrenner	387
Sur l'Existence d'un Troisième Élément d'Isoagglutination. Prof. Leone Lattes et Dr. Alfonso Cavazzuti	407
A Study of the Sera of Rabbits Immunized Against Globulins from Human Sera. Anna Dean Dulaney and James Harvey Jennett	427
A Further Study of Agglutination of <i>Bacillus diphtheriae</i> . Dorothy G. Doyle	443

NUMBER 6, NOVEMBER, 1924

The Gradual Decrease of the Active Immunizing Value of Toxin-antitoxin Mixtures Stored During One-Year. Edwin J. Banzhaf	451
The Preparation of 0.1 L+ Toxin-antitoxin Mixture. Edwin J. Banzhaf	459
The Toxicity of Human Blood Plasma Obtained in Various Diseases. IV. Studies on the Toxicity of Human Blood Plasma for Guinea-pigs. Samuel A. Levinson	463
The Titration of Diphtheria Toxin and Antitoxin by Ramon's Flocculation Method. Stanhope Bayne-Jones	481

CONTENTS

v

Observations on the Cross Protective Power of Anti-pneumococcus Mono-valent Sera, Types I, II and III. With a Note on the Cross Protection Afforded by So-called "Antibody Solution." Betty S. Kolchin and Louis Gross.	505
The Production of Precipitins for Ragweed Pollen. Julia T. Parker.	515
Studies in Specific Hypersensitiveness. XI. The Familial Occurrence of Hay Fever and Bronchial Asthma. W. C. Spain and Robert A. Cooke.	521
On the Susceptibility to Diphtheria (Schick Test Positive) with Reference to the Inheritance of Blood Groups. Hanna Hirszfeld, L. Hirszfeld, and H. Brokman.	571
On the Differentiation of Various Breeds of Sheep by Means of Serological Methods. W. Bialbsuknia and B. Kaczkowski.	593
Index.	603