CONTENTS

NUMBER 1, JANUARY, 1940

Studies on the Immunization of Rabbits with Formalinized Vaccine Virus.
A. J. Weil and L. S. Gall .............................................. 1

A Comparison of Acquired Immunity and Species Resistance Based on the
Cultivation of Virus III in Vitro. John M. Pearce.................... 9

Immunological Studies of Pollinosis. I. The Presence of Two Antibodies
Related to the Same Pollen-Antigen in the Serum of Treated Hay-Fever
Patients. Mary Hewitt Loveless ...................................... 25

The Natural Transmission of Immunity Against Trypanosoma Duttoni from
Mother Mice to Their Young. James T. Culbertson ................... 51

The Synergistic Effect of Paraffin-oil Combined with Heat-killed Tubercle-
bacilli. Jules Freund, J. Casals-Ariet, and Dorothy Schaeffer Geng-
hof .................................................................. 67

NUMBER 2, FEBRUARY, 1940

Studies on the Relationship of Sex Hormones to Infection. III. A Quantitative
Study of the Increased Resistance to Vaccinial Infection Produced by the Estrogenic Hormone and Pseudopregnancy. Douglas H. Sprunt
and Sara McDearman ................................................. 81

Spermatozoal Antibodies and Fertility. I. Attempt to Induce Temporary
Sterility in Female White Mice by Passive Immunization with Spermato-
zoal Antisera. Werner Henle, Gertrude Henle, Charles F. Church and
Claire Foster ................................................................ 97

Spermatozoal Antibodies and Fertility. II. Attempt to Induce Temporary
Sterility in Female Guinea Pigs by Active Immunization against Sperma-
zoa. Werner Henle and Gertrude Henle ............................. 105

Vaccination of Man against the Virus of Equine Encephalomyelitis (Eastern
and Western Strains). J. W. Beard, Dorothy Beard and Harold Finkel-
stein .................................................................. 117

The Effects of the Injection of Glucose upon Experimental Staphylococcal
Infection in Mice. I. A. Parfentjev and S. W. Collins, Jr .......... 137

The Time Factor in Solubility of Precipitates in Excess of Antigen. William
C. Boyd .................................................................. 143

On the Construction of Graphs and Tables for Evaluation of the Quantitative
Complement-Fixation Reactions and Reaction Ratios. William R.
Thompson and Frank Maltaner ........................................ 147
CONTENTS

NUMBER 3, MARCH, 1940

Quantitative Aspects of Phagocytosis as Influenced by the Number of Bacteria and Leucocytes. John H. Hanks ................................................................. 159

Studies on Measles. I. The Use of the Chorio-allantois of the Developing Chicken Embryo. Geoffrey Rake and Morris F. Shaffer ......................... 177

Contact-Reactions in Atopy. I. Contact-Reactions to Silkworm in Atopic Subjects. Murray Albert and Matthew Walzer .................................. 201

The Antigenic Property of Insulin. P. Wasserman, R. H. Broh-Kahn and I. Arthur Mirsky .......................................................... 213

An Electrophoretic Study of Antipneumococcal Horse Sera. Dan H. Moore, J. van der Scheer and Ralph W. G. Wyckoff ........................... 221

Immunological Cross-Reactions of Type B Friedländer Bacillus in Type 2 Antipneumococcal Horse and Rabbit Serum. Paul B. Beeson and Walther F. Goebel .......................................................... 231

Cutaneous Reactivity of Guinea Pigs to Gum-Arabic. Roy M. Seideman . 237

NUMBER 4, APRIL, 1940

Agglutinins for Sheep Erythrocytes in Rabbit Antipneumococcal Sera. Maurice R. Chassin .......................................................... 251

Thymoxylidylethylamine as an Antagonist of Histamine and of Anaphylactic Reactions. Sol Roy Rosenthal and Mary Louise Brown .......... 259


Some Properties of a Hemolysin Produced by Group A β-Hemolytic Streptococci. C. V. Smythe and T. N. Harris ........................................ 283

Studies on the Occurrence of the V-Factor (Coenzymes I and II) in Normal and Pathological Spinal Fluids. Celia Scheer ...................... 301

Further Inoculation-Experiments with the Common-Cold Virus. H. M. Powell, A. L. Sparks, and G. H. A. Clowes ........................................... 309

The Antigenic Composition and Immunizing Properties of Trypanosomes. I. J. Kligler, L. Olitski and Helen Kligler .......................................... 317

NUMBER 5, MAY, 1940

Anaphylaxis in the Rabbit. The Symptom of Fall of Blood-pressure. M. Rocha e Silva ................................................................. 333

The Effect of Age on the Spread of Dye in the Skin of Normal, Antigenically Stimulated, and Tuberculous Guinea Pigs. R. Y. Gottschall and W. E. Bunney .................................................. 345

Serum Cholesterol in Horses During Immunization with Pneumococci. Including a Note on the Hypercholesterolemia of Infectious Anemia. Samuel Member, Maurice Bruger and Maurice R. Chassin ............. 355


Sulfanilamide in Experimental Infections with Streptococci from Scarlet Fever and Erysipelas. Helen Cook Newman ................................. 377
CONTENTS

The Bactericidal Power of Blood from Patients and Normal Controls for Staphylococci. Wesley W. Spink and John R. Paine ................. 383
The Practical Assay of Type III Antipneumococcal Rabbit Serum by the Mouse-Protective Test. August Holm and George F. Leonard ....... 399
Blood Groups and MN-Types of Eskimos. II (District of Julianehaab, West Greenland). Vibeke Fabricius-Hansen ......................... 405

NUMBER 6, JUNE, 1940

A Comparative Study of Antigens for the Gonococcal Complement Fixation Test. John C. Torrey ................................................ 413
The Antitoxin Response of Partially Immunized Guinea Pigs to Infection with Tetanus Spores. Bernard Zuger, Charles K. Greenwald and Herman Gerber ......................................................... 431
Polysaccharides of Blastomyces dermatitidis. Robert L. Peck, Donald S. Martin and Charles R. Hauser ........................................ 449
The Agglutination of Human Erythrocytes in Antipneumococcal Sera. Maxwell Finland and Edward C. Curnen ............................... 457
Antibodies to Strychnine. Sanford B. Hooker and William C. Boyd ...... 479
Index ..................................................................... 491