THE JOURNAL OF IMMUNOLOGY
Official Journal of The American Association of Immunologists

The American Association of Immunologists: Past Accomplishments, Future Challenges. F.S. Cheever ............................................................ 1

Virulence and Interferon Production of Strains of Foot-and-mouth Disease Virus. R. F. Sellers ................................................................. 6

The Antigenic Specificity of Spermatozoa. I. An Immunofluorescent Study of the Histocompatibility Antigens of Mouse Sperm. Role F. Barth and Paul S. Russell .................................................. 13

The Blood Groups of Mink. II. The Detection of an A-like Antigen on the Red Blood Cells of Mink by the Use of Pig Anti-A Serum. Ruth Saisen ................................................................. 20


Immunologic Studies of Purified Viral Hemagglutinin. Myron Tong and Jacob Fong ................................................................. 85

Protective Effect of Antibody or Elevated Temperature on Intracerebral Infection of Mice with Encephalomyocarditis Virus. Samuel Baron and Charles E. Buckler ................................................................. 45

Biologic Activity of Canine Nonprecipitating and Precipitating Antibody. Roy Patterson, Jacob J. Pruzansky, and Burton Janis ................................................................. 51

Molecular Basis of Passive Sensitization. II. The Role of Fragment III of β-Globulin and Its Disulfide Bonds in Passive Sensitization and Complement Fixation. Kimishige Ishizaka and Teruko Ishizaka ................................................................. 59

Viral Leukocyte Interrelationships. I. Multiplication of a DNA Virus—Herpes Simplex—in Human Leukocyte Cultures. André J. Nahmias, Sidney Kibrick, and Robert C. Rosen ................................................................. 69

Immunologic Status of Thymectomized Adult Rats. Alan C. Aisenberg and Barbara Wilkes ................................................................. 75

Relationship between β-Globulin Metabolism and Low Serum β-Globulin in Germfree Mice. Stewart Sell and John L. Fairley ................................................................. 81

Phagocyteosis and Intracellular Killing of Staphylococcus aureus by Human and Rabbit Blood Leukocytes. Mehdi G. Shayegan, Frank A. Kapral, and Stuart Mudd ................................................................. 88

Antibody Formation by Rabbit Lymph Node Cells. V. Cellular Heterogeneity in the Production of Antibody to T5. Giuseppe Attardi, Melvin Cohn, Kenji Horibata, and Edwin N. Lennox ................................................................. 94

Neutralization of Bacteriophage by Intact and Degraded Rabbit Antibody. Joel W. Goodman and John J. Donch ................................................................. 96


Multiple Discrete Components of the Univalent Fragments of Rabbit Antibodies. Peter Stem, Yasuo Yagi, and David Pressman ................................................................. 106

Acquired Tolerance to Skin Homografts in Mice. III. Role of Immune Status of Host in Induction and Maintenance of Tolerance. Bertie F. Argyris ................................................................. 114

Immunoglobulins of the Germfree Guinea Pig. Stewart Sell ................................................................. 122

Duration of Some Cutaneous Hypersensitivities in Mice. Alfred J. Crowley and C. C. Hu ................................................................. 132

Studies on Filtrates from Cultures of a Psychrophilic Pseudomonas sp. which Inactivate Nonpolysaccharide Serum Inhibitors for Certain Hemagglutinating Viruses. Nathalie J. Schmidt, Juanita Dennis, and Edwin H. Lennette ................................................................. 140

Antinuclear Factor in Mice. Leslie C. Norins and Margaret C. Holmes ................................................................. 148

Biologic Properties of Polynucleotides. III. The Anticomplementary Properties of Polysriboguanilic Acid. Stanley Yachnin ................................................................. 155

The Blood Forming Tissues and Blood of the Newborn Opossum (Didelphys virginiana). II. Ontogenesis of Antibody Formation to Flagella of Salmonella typhi. David T. Rowlands, Jr., Marno F. La Via, and Matthew H. Block ................................................................. 157

The Role of the Mast Cell in Anaphylaxis in the Mouse. Julia M. Einbinder, Richard A. Walzer, and Carl T. Nelson ................................................................. 165

Immunologic Studies of Pancreas-specific Isoantigen. Richard S. Metzgar ................................................................. 176

PUBLISHED MONTHLY BY THE WILLIAMS & WILKINS COMPANY BALTIMORE, U. S. A. 21202

Copyright ©, 1964, by The Williams & Wilkins Company

Made in United States of America

Downloaded from http://www.jimmunol.org/ by guest on November 18, 2017