THE JOURNAL OF IMMUNOLOGY®

Contents for June

IMMUNOCHEMISTRY

Cross-Reactions between 2,4-Dinitrophenyl and 5-Acetouracil Groups. BRIAN J. UNDERDOWN AND HERMAN N. EISEN ........................................... 1431

Studies on the Secretory Immunologic System of Fowl. I. Presence of Immunoglobulins in Chicken Secretions. GERRIE A. LESLIE, H. R. WILSON AND L. WILLIAM CLEM ................................................................. 1441

Immunologic and Immunochemical Studies on the Gar, Lepisosteus platyrhincus. II. Purification and Characterization of Immunoglobulin. CLAIRE M. BRADSHAW, L. WILLIAM CLEM AND M. MICHAEL SIGEL ..................................... 1480

Partial Dissociation of Rheumatoid Synovial Fluid Cryoprotein: Micro-complement Fixation by IgG- or IgM-Containing Fractions and Denatured Calf Thymus DNA. ROBERT L. MARCUS AND ALEXANDER S. TOWNES ............... 1499

Antibody Weight Estimates at the Nanogram Level. ROBERTO REVOLTELLA, LOUISE T. ADLER AND ABRAHAM G. OSSER ............................................ 1507

The Early Immune Response to the Dinitrophenyl and Folate Determinants: Weight Estimates of Serum, 19S and 7S Immunoglobulins. ROBERTO REVOLTELLA, LOUISE T. ADLER AND ABRAHAM G. OSSER ..................................... 1519

Immunochromatographic Studies on Blood Groups. XLVIII. Activity of Fucose-Containing Oligosaccharides Isolated from Human Urine and from Human Ovarian Cyst A and B Blood Group Substances. ARNE LUNDRLAD AND ELVIN A. KARAT ....... 1572

Cellular Immunology

Rabbit Platelet Injury by Soluble Antigen and Antibody. III. Effects of the Sodium and Magnesium Salts of EDTA and EGTA. SAMUEL R. MARNEY, JR. AND ROGER M. DES PREZ ................................................................. 1447

Antigenic Competition between Heterologous Erythrocytes. I. Thymic Dependency. RICHARD K. GERSHON AND KAZUNARI KONDO .............................. 1524

Antigenic Competition between Heterologous Erythrocytes. II. Effect of Passive Antibody Administration. RICHARD K. GERSHON AND KAZUNARI KONDO .............................. 1532

Detection of Cell-Absorbed Protein Antigen by an Equilibrium Diffusion Method. CHIAKI TAI AND JAMES E. McGUIGAN ......................................... 1540

Lymph Node Cells Carrying Receptor Sites Detected by Diffusion Dialysis Techniques. CHIAKI TAI AND JAMES E. McGUIGAN ......................................... 1545

Induction of Antigenic Competition with Thymus-Dependent Antigens: Effect on DNA Synthesis in Spleen Cells. GÖRAN MÖLLER ............................................. 1546

The Effect of Bursectomy on the Recovery from Immunologic Tolerance. RAYMOND D. A. PETTerson, GUNNAR V. ALM AND SUZANNE MICHALEK ................................................................. 1566

Deficient IgA Antibody Responses to Arsanilic Acid Bovine Serum Albumin (BSA) in Neonatally Thymectomized Rabbits. JOHN D. CLOUGH, LINDA H. MIMS AND WARREN STROBER ................................................................. 1602

The Direct Hemolytic Plaque Response to Hemocyanin in the Rabbit. ANGELIKI O. KOTouLAs AND LEONARD A. MORoz .............................. 1630

IMMUNOPATHOLOGY

Pathogenesis of Experimental Allergic Orchitis. I. Transfer with Immune Lymph Node Cells. KENNETH S. K. TUNG, EMIL R. UNANUE AND FRANK J. DIXON ................................................................. 1647
Contents Continued

Cyclophosphamide Treatment of Experimental Allergic Encephalomyelitis in Lewis Rats. PHILIP Y. PATerson .......................................................... 1473
Tolerance following Immunity, with Loss of Serum Specificity, in Adult Rabbits Injected Repeatedly with HeLa Cells. GAIL LORENZ MILLER ................. 1654
Graft-vs-Host Reaction in a Xenogeneic Combination: Mechanism of the Reaction. RODRIGUE I. CONSTANTINE, JOSEPH NAROUZ, LLOYD D. MACLEAN AND JULIUS GORDON ................................................................. 1660

MICROBIAL AND VIRAL IMMUNOLOGY

Complement Fixation in Conventional and Regressing Virus-Induced Murine Leukemias. MARVIN A. RICH, SEUNG KARL AND RODNEY CLYMER .................. 1488
Cross-Reacting and Monotypic T'Antigens of Nephritogenic Pyoderma Streptococci: the Type 56 System. ALAN L. BISNO, MAURI SVARTMAN AND GENE H. STOLLERMAN ................................................................. 1493
A New Specific Humoral Viral Resistance Factor, Serum Protective Factor—Some Biologic and Physical Properties. INDURIT S. THIND AND WINSTON H. PRICE .. 1559
Cross-Reacting and Monotypic T'Antigens of Nephritogenic Pyoderma Streptococci: the Type 56 System. ALAN L. BISNO, MAURI SVARTMAN AND GENE H. STOLLERMAN ................................................................. 1493
A New Specific Humoral Viral Resistance Factor, Serum Protective Factor—Some Biologic and Physical Properties. INDURIT S. THIND AND WINSTON H. PRICE .. 1559

*New to the Journal*

"Nonspecific" Stimulation of Lymphocyte Transformation by Cellular Fractions and Acid Extracts of Group A Streptococci. HAROLD KEISER, IRVING KUSHNan AND MELVIN H. KAPLAN ................... 1593
Enzymes Produced by a Pseudomonas Species which Inactivate Inhibitors of Certain Viral Hemagglutinins. II. Effect of a Proteinase and Phospholipase C on Viral Hemagglutinin Inhibitors Present in Human Sera. NATHALIE J. SCHMIDT, PINKIE S. GEE, JEANITA DENNIS AND EDWIN H. LENNETTE .................... 1615
Atypical Fluorescence in the Fluorescent Treponemal-Antibody-Absorption (FTA-ABS) Test Related to Deoxyribonucleic Acid (DNA) Antibodies. STEPHEN J. KRAUS, JOHN R. HASERICK, LESLIE C. LOGAN AND JANICE C. BULLARD .................. 1665

COMMUNICATIONS

Antibody-Agarose Immunoadsorbents: Complete Removal of Classes of Immunoglobulins from Serum. MART MANNIK AND DAVID E. STAGe ................................................................. 1670
Serum Allotype Loss due to a Lymphoid Tumor in Chickens. C. S. DAVID AND O. J. FLETCHER ................................................................. 1673
Immunologic Assays for Identifying Single Components in Protein Mixtures after Isoelectric Focusing in Urea-Containing Acrylamide Gels. ANNE H. GOOD AND BARRY B. CEVERHA ................................................................. 1677
Detection of Morphine by Hemagglutination-Inhibition. FRANK L. ADLER AND CHI-TAN LIU ................................................................. 1684
Induction of Acquired Tolerance in Neonatal Opossums. PERVIS C. MAJOR AND ROBERT BURRELL ................................................................. 1690

IMPORTANT NOTICE

On and after June 1, 1971, all manuscripts, communications, and correspondence intended for this Journal should be sent to the following address:

Dr. Joseph D. Feldman
Department of Experimental Pathology
Scripps Clinic and Research Foundation
La Jolla, Calif. 62037