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

Direct Localization of Hemagglutinating Proteins on Paper Electrophoresis Strips.  
JOHN T. MILLER AND WILLIAM C. BOYD ........................................ 1

Glycemic States and the Horse-Serum and Egg-White Anaphylactic Shock in Rats.  
V. W. ADAMKIEWICZ, P. J. SACRA, AND J. VENTURA ............................. 3

Mixed Agglutination in Tissue Culture. FELIX MILGROM, KYOTI KANO, ALMEN L.  
BARRON, AND ERNEST WITEBSKY  ................................................ 8

Recall of Complement Fixing Antibodies to Enteroviruses in Guinea Pigs. CARL  
MIETENS, KLAUS HUMMELER, AND WERNER HENLE ............................ 17

Straight Chain Hydrocarbons as Substitutes for the Oil in Freund's Adjuvants in the  
Production of Experimental "Allergic" Ependymomyelitis in the Guinea Pig.  
CHENG-MEI SHAW, ELLSWORTH C. ALVORD, JR., AND MARIAN W. KIES ......... 24

Substitutes for the Mycobacteria in Freund's Adjuvants in the Production of Experimental "Allergic" Ependymomyelitis in the Guinea Pig. CHENG-MEI SHAW,  
ELLSWORTH C. ALVORD, JR., WILLSON J. FAHLBERG, AND MARIAN W. KIES . 28

Precipitating Antibody Production in Germfree Chickens. B. S. WESTMANN AND  
G. B. OLSON  ........................................................................ 41

Hyperreactivity to Endotoxin after Infection with BCG. Studies on Its Distinguishing  
Properties. EMANUEL SUFER  ...................................................... 49

Studies of Acute Phase Protein. III. Elicitation of C3-Reactive Protein in Relation  
to Immune Elimination of Antigen and Appearance of Circulating Antigen-Anti-  
body Complexes. IRWIN KUSHNER AND MELVIN H. KAPLAN ................. 55

Evidence for Immunological Specificity of the Properdin System. Demonstration,  
Isolation and Properties of a Serum Factor Which Interacts with Zymosan and  
Other Polysaccharides at 0°C. LIVIA BLUM  ................................... 61

The Induced Rejection of Guinea Pig Skin Homografts by a Partially Purified  
Transfer Factor. A. E. POWELL, OTIS RAY, C. A. HUBAY, AND W. D. HOLDEN ..... 73

Thermostable Ethanol-Insoluble Antigens of Brain. FELIX MILGROM, MAIDE TUGGAC,  
WALTER A. CAMPBELL, AND ERNEST WITEBSKY .............................. 82

Immunoelectrophoretic Characterization of Human Serum Proteins with Primate  
Antisera. EDWARD A. LICHER AND SHELTON DRAY ............................ 91

Demonstration of Two Types of Low Molecular Weight γ-Globulins in Normal Human  
Urine. KIYOSHI TAKATSUKI AND ELLIOTT F. OSSERMAN ....................... 100

Action of the First Component of Complement. Activation of C1a in the Hemolytic  
System. TIMOR BORSOS, HERBERT J. RAPP, AND URSULA L. WALTZ ............. 108

The Effect of X-Radiation and Passive Antibody on Immunologic Tolerance in the  
Rabbit to Bovine Serum Albumin. WILLIAM O. WEIGLE ....................... 113

Nonprecipitating Antibody and the Arthus Vasculitis. HUBERT LEVENSON AND  
CHARLES G. COCHRANE  ................................................................ 118

Quantitative Determination of Antibody and Complement Directed against Lympho-  
cytes. PAUL I. TERASAKI AND NORMAN E. RICH  ................................. 128

Protection of a Complement-Sensitive Enzyme System by Rheumatoid Factor. JOHN  
STAIGE DAVIS, IV, AND ALFRED JAY BOLLET ................................. 139

Studies on Heat-Labile Opsonin in Rabbit Serum. JAMES G. HIRSCH AND BELLA  
STRAUS  ........................................................................... 145

Demonstration by Fluorescence Microscopy of Adsorption onto Bacteria of a Heat-  
Labile Factor from Guinea Pig Serum. JAMES G. HIRSCH ........................ 155

An Agglutination-Resuspension Test for Q Fever Antibodies. RICHARD A. ORMSBEE .. 159