110 (1)

http://www.jimmunol.org/content/110/1.
citation

This information is current as of April 20, 2017.

---

**Subscription**
Information about subscribing to *The Journal of Immunology* is online at:
http://jimmunol.org/subscription

**Permissions**
Submit copyright permission requests at:
http://www.aai.org/About/Publications/JI/copyright.html

**Email Alerts**
Receive free email-alerts when new articles cite this article. Sign up at:
http://jimmunol.org/alerts
Contents for January

CELLULAR IMMUNOLOGY

The Role of Humoral Factors in the Initiation of in Vitro Primary Immune Responses. I. Effects of Deficient Fetal Bovine Serum. JAMES WATSON AND RUTH EPSTEIN ................................................................. 31

The Role of Humoral Factors in the Initiation of in Vitro Primary Immune Responses. II. Effects of Lymphocyte Mitogens. JAMES WATSON, RUTH EPSTEIN, ILONA NAKOINZ AND PETER RALPH ................................................................. 43

Studies on the Mechanism of Lymphocyte-Mediated Cytolysis. I. The Role of Divalent Cations in Cytolysis by T Lymphocytes. CHRISTOPHER S. HENNEY AND J. ERIC BUBBER.. ................................................................. 63

Studies on the Mechanism of Lymphocyte-Mediated Cytolysis. II. The Use of Various Target Cell Markers to Study Cytolytic Events. CHRISTOPHER S. HENNEY ................................................................. 73

Suppression of Delayed Hypersensitivity Reactions in Bursectomized Chickens by Passively Administered Anti-Immunoglobulin Antisera. GAIL A. THEIS AND G. JEANETTE THORBECKE ................................................................. 91

Studies on the Mechanism of Lymphocyte-Mediated Cytolysis. VI. Establishment of Experimental Conditions for Either Inhibitory or Enhancing Influences of Carrier-Specific Cells on Antibody Production. DAVID H. KATZ, WILLIAM E. PAUL AND BARUJ BENACERRAF ................................................................. 107


The Early Response of Immunocompetent Cells as Analyzed by Velocity Sedimentation Separation. W. D. ARMSTRONG and N. E. KRAFT ................................................................. 157

Selective Induction of Delayed Hypersensitivity by a Lipid Conjugated Protein Antigen Which is Localized in Thymus Dependent Lymphoid Tissue. JOHN COON AND ROBERT HUNTER ................................................................. 183

Hapten-Specific Tolerance: Depressed Humoral and Normal Cellular Immune Responses. BENJAMIN E. COHEN, JOSEPH M. DAVIE AND WILLIAM E. PAUL ................................................................. 213

Antibody-Binding Characteristics at the Cellular Level. I. Comparative Maturation of Hapten-Specific IgM and IgG Plaque-Forming Cell Populations. LATHAM CLAFLIN, BRUCE MERCHANT AND JOHN INMAN ................................................................. 241

Antibody-Binding Characteristics at the Cellular Level. II. Presence of Cells Secreting High Affinity IgG Antibody at the Onset of the Immune Response. LATHAM CLAFLIN AND BRUCE MERCHANT ................................................................. 252

Differential Effects of Cyclophosphomide on the B and T Cell Compartments of Adult Mice. GAIL D. STOCKMAN, LYLE R. HEIM, MARY ANN SOUTH AND JOHN J. TRENTIN ................................................................. 277

IMMUNOCHEMISTRY

Studies on the Secretory Immunologic System of Fowl. III. Serum and Secretory IgA of the Chicken. GERRIE A. LESLIE AND LOUIS N. MARTIN ................................................................. 1

The Effects of Specific Metals on the Antigenic Structure of Alkaline Phosphatase from Escherichia coli. R. T. REESE AND H. P. TREFERS ................................................................. 10

Fibrillar Assemblage of Variable Segments of Immunoglobulin Light Chains: An Electron Microscopic Study. TSURANOB HIRAHAMA, MERRILL D. BENSON, ALAN S. COHEN AND AKIRA TANAKA ................................................................. 21

Immunobiology of the Autoantibody Response. II. The Lipoprotein-Associated Soluble HB Erythrocyte Autoantigen of NZB Mice. EWERT LINDNER AND THOMAS S. EDGINGTON ................................................................. 53

A Human IgG Myeloma Protein with Anti-a2 Macroglobulin Antibody Activity. MAXIME SELIGMANN, CATHERINE SASSY AND ANNETTE CHEVALIER ................................................................. 85

Evolution of the Immune Response to Type III and VIII Pneumococcal Polysaccharides. FRANCIS W. CHEN, A. DONNY STROSBERG AND EDGAR HABER ................................................................. 98

Alternate Complement Pathway: Factors Involved in Cobra Venom Factor (CoVF) Activation of the Third Component of Complement (C3). L. G. HUNSCHER, S. RUDDY AND K. F. AUSTEN ................................................................. 128

The First Component (Cln) of the Complement System of the Nurse Shark (Ginglymostoma cirratum). I. Hemolytic Characteristics of Partially Purified Cln. GORDON D. ROSS AND JOERG A. JENSEN ................................................................. 175

Chicken Antibodies to Group A Streptococcal Carbohydrate. GERRIE A. LESLIE and L. W. CLEM ................................................................. 191

Potentiated Reagin Response: Initiation with Minute Doses of Antigen and Alum followed by Infection with Nippostrongylus brasiliensis. KURT J. BLOCK, JOHN L. OHMAN, JR., JERIETA WALTIN AND RALPH W. CYGAN ................................................................. 197

Continued
Contents continued


Rabbit Immunoglobulin Light Chains: Correlation of Variable Region Sequences with Allotypic Markers. M. D. Waterfield, J. E. Morris, L. E. Hood and C. W. Todd .......................................................... 227

IMMUNOPATHOLOGY

Experimental Allergic Encephalomyelitis in Inbred and Outbred Mice. Seymour Levine and Richard Sowinski ..................................................... 139

Serum Transmissibility of Immune Polioencephalomyelitis in C58 Mice. Mark A. Sager, John W. M. Lawton and William H. Murphy .................. 219


TUMOR IMMUNOLOGY

Surface Immunoglobulins of Bovine Lymphosarcoma Cells. Izuo Tsuyuguchi, Ming-Ming Ku and Fred Karush ..................................................... 118

VIRAL AND MICROBIAL IMMUNOLOGY

The Effect of a Streptococcus pyogenes Teichoic Acid on the Immune Response of Mice. Glenn A. Miller and Robert W. Jackson ..................................................... 148

Purification and Characterization of Coliphage MS2 Hapten Conjugates. Linda K. Curtiss and Robert G. Krueger ..................................................... 167


Antigenic Properties of Rabies Virus Components. Tadeusz J. Wiktor, Emese György, H. Dieter Schumberger, Frantisek Sokol and Hilary Koprowski ..................................................... 269

COMMUNICATIONS


Some Rabbit Allotypic Determinants are Isotypes in Hare. Simonetta Landucci Tosi, Roberto Tosi and Arturo Perramon ..................................................... 286

Enhancement of Immunologically Induced Granule Exocytosis from Neutrophils by Cytochalasin B. Peter M. Henson and Zenaida G. Oades ..................................................... 290

Neutrophilic Leukocytes in Immunologic Reactions in Vitro: Effect of Cytochalasin B. David Hawkins ..................................................... 294

In Vitro Kinetics of Intestinal Secretory IgA Secretion. Martin F. Kagnoff, Delchi Serfilippi and Robert M. Donaldson, Jr ..................................................... 297

Enhancement of an Anti-Hapten Antibody Response by an Antiserum to the Carrier Protein. Carolyn Pincus, Gary Miller and Victor Nussenzweig ..................................................... 301

Genetic Control of the Immune Response in Mice. IV. Relationship between Graft vs Host Reactivity and Possession of the High Tumor Genotypes A'g and A'gq. David L. Gasser and Terry Fischgrund ..................................................... 305

Adjuvanticity of Mycobacterial RNA and Poly A:U for Induction of Experimental Allergic Encephalomyelitis in Guinea Pigs. Carl Gumbiner, Philip Y. Paterson, Guy P. Youmans and Anne S. Youmans ..................................................... 309

Specific Purification of Lymphocyte Populations on a Digestible Immunoabsorbent. Stuart F. Schlossman and Leslie Hudson ..................................................... 313

Binding of 125I-Labeled Anti-IgG, Rheumatoid Factor and Anti-C3 to Immune Complexes on the Surface of Virus-Infected Cells. Kozaburo Hayashi, Donald Lodmell, Joel Rosenthal and Abner Louis Notkins ..................................................... 316