116 (1)

J Immunol 1976; 116:Np-262; ;
http://www.jimmunol.org/content/116/1.citation

This information is current as of July 27, 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
THE JOURNAL OF IMMUNOLOGY®

Contents for January

CELLULAR IMMUNOLOGY

- Regulation of Helper Cell Activity by Specifically Adsorbable T Lymphocytes. BENT RUBIN .................................................. 80
- Absolute Macrophage Dependence of T Lymphocyte Activation by Mitogens. DAVID L. ROSENSTREICH, JOHN J. FARRAR, AND SUANNE DOUGHERTY .................................................. 131
- Partial Characterization of Murine Migration Inhibitory Factor (MIF). ALICE L. KÜHNER AND JOHN R. DAVID ................................................................. 140
- Protein Synthesis during T Cell-Mediated Lysis. RICHARD M. THORN AND CHRISTOPHER S. HENNEV ................................................................. 146
- Cellular Receptors for Lymphotoxin: Correlation of Binding and Cytotoxicity in Sensitive and Resistant Target Cells. CONSTANTINE D. TSOUKAS, WERNER ROSENBAU, AND JOHN D. BAXTER .......... 184
- Age-Dependent Changes in Sensitivity to Antigen: Its Relationship with the Antigen-Processing System. BRIAN G. CARTER AND EDWARD S. REXTOR ................................................................. 218
- Loss of Carrier-Determined Tolerance in Vitro with Loss of Receptor Blockade. MARLENE ALDO-BENSON AND YVES BOREL .......... 223
- Antibody-Mediated Cell Cytotoxicity in a Defined System: Regulation by Antigen, Antibody, and Complement. HANNA J. LUSTIG AND CELSO BIANCO ................................................................. 253

CLINICAL IMMUNOLOGY

- Cell-Mediated Immune Response to Mumps Virus Infection in Man. YASUO CHIBA, JUDITH L. DZIERBA, ABRAHAM MORAG, AND PEARAY .................................................. 12
- An Eosinophil Chemotactic Factor Present in Blister Fluids of Bullous Pemphigoid Patients. TORU BABA, HIDEHICHI SONOZAKI, KENJIRO SEKI, MITSUAKI UCHIYAMA, YOSHIRO Ikeesawa, AND MOTOMICHI TORSU .......... 112

IMMUNOCHEMISTRY

- C3 Nephritic Factor (C3NeF): Stabilization of Fluid Phase and Cell-Bound Alternative Pathway Convertase. MOHAMED R. DANA, DOUGLAS T. FEARON, AND K. FRANK AUSTEN .................................................. 1
- Antibody Responses of Mice to Alkaline Detoxified Lipopolysaccharide. KENNETH B. VON ESCHEN, AND JON A. RUBBACH .................................................. 8
- Kinetics of the Antibody Response to Type III Pneumococcal Polysaccharide (SSS-III). I. Use of 125I-Labeled SSS-III to Study Serum Antibody Levels, as Well as the Distribution and Excretion of Antigen after Immunization. JEFFREY M. JONES, DIANA F. AMSBAUGH, AND BENJAMIN PRESCOTT .......... 41
- Kinetics of the Antibody Response to Type III Pneumococcal Polysaccharide. II. Factors Influencing the Serum Antibody Levels after Immunization with an Optimally Immunogenic Dose of Antigen. JEFFREY M. JONES, DIANA F. AMSBAUGH, AND BENJAMIN PRESCOTT .......... 52
- Complement Activation in Semi-Solid Medium: Insolubilization of Properdin and the Third Component of Complement (C3) in Agar Gels. JOHN B. ZIEGLER, LILLIAN WATSON, IRA GOODKOFSKY, CHESTER A. ALPER, AND IRWIN H. LEPW .......... 75
- Effect of Cold Exposure on the Metabolism of Immunoglobulins in Rabbits. BRIAN H. SABISTON AND JOHN E. M. STE. ROSE .................................................. 106
- Heavy Chain Variable Region Allotypic Subspecificities of Rabbit Immunoglobulins. I. Identification of Three Subpopulations of a1 IgG Molecules. WAYNE J. HORG, KATHERINE L. KNIGHT, AND SHELTON DRAI .................................................. 117
- A Properdin System Intermediate Formed by Zymosan and Serum at 0°C. YASUSHI YUKIYAMA, FRANCES T. LEOE, HARRETT S. WAKS, AND ABRAHAM G. OSLER .................................................. 188
- Detection of Immune Complexes in Unheated Sera by a Modified 125I-C1q Binding Test: Effect of Heating on the Binding of C1q by Immune Complexes and Application of the Test to Systemic Lupus Erythematosus. RUDOLF H. ZUBLER, GHIOSLANE LANGL, PAUL H. LAMBERT, AND PETER A. MIESCHER .......... 232

IMMUNOGENECTIONS AND TRANSPLANTATION

- Effect of Vn,a Locus Allotype-Suppression on the Expression of Closely Linked Vn, Vn, and Cn Genes in Heterozygous Rabbits. BYUNG S. KIM, ALICE GILMAN-SACHS, AND SHELTON DRAI .................................................. 16
- The Effect of Heat-Killed Streptococci on the Survival of Heart Grafts in Inbred Strains of Mice. WILLIAM C. DAVIS AND LAUREN M. PACHMAN .................................................. 86
The Effect of Neonatal Rat Graft-versus-Host Disease (GVHD) on Fc Receptor Lymphocytes. JOHN CLANCY, JR., OLAV TØNDER, AND CAROL E. BOETTCHER

IMMUNOPATHOLOGY

The Effects of External K⁺ and Na⁺ on the Chemotaxis of Rabbit Peritoneal Neutrophils. HENRY J. SHOWELL AND ELMER L. BECKER

IMMUNOPATHOLOGY

Suppression and Reversal of Allergic Encephalomyelitis in Guinea Pigs with a Non-Encephalitogenic Analogue of the Tryptophan Region of the Myelin Basic Protein. GEORGE A. HASHIM, RICHARD D. SHARPE, EVELYN F. CARVALHO, AND LAWRENCE E. STEVENS

Thymosin Restores T Cell Function and Reduces the Incidence of Amyloid Disease in Casein-Treated Mice. MORTON A. SCHEINBERG, ALLAN L. GOLDSTEIN, AND EDGAR S. CATHCART

Experimental Autoimmune Orchitis: In Vitro Induction of an Autoimmune Disease. H. WEKERLE AND M. BEGEMANN

Enhancement of Reaginic and Hemagglutinating Antibody Production by an Extract of Bordetella pertussis Containing Histamine-Sensitizing Factor. SAMUEL B. LEHRER, JOHN H. VAUGHAN, AND ENG M. TAN

Further Characterization of the Anti-Encephalitogenic Protein (SCP): Isolation from Bovine Spinal Cord and Spinal Roots. CATHERINE F. C. MACPHERSON, HOLLY ARMSTRONG, AND OPHELIA TAN

TUMOR IMMUNOLOGY

A Thermostable Antigen Characteristic for Carcinogen-Induced Rat Intestinal Tumors. C. JOHN ABEYOUNIS AND FELIX MILGROM

Immunoglobulin Biosynthesis by the MOPC 173 Mouse Myeloma Tumor and a Variant Spleen Clone. REUBEN BAUMAL AND MATTHEW D. SCHARFF

Number of Macrophages and Distribution of Mitotic Activity in Regressing and Progressing Moloney Sarcomas. STEPHEN W. RUSSELL, WILLIAM F. DOE, AND CHARLES G. COCHRANE

Stimulation of Lymphoid Cells from Normal and Immune Mice by Syngeneic BALB/c Plasma Cell Tumors. P. J. J. BOYER AND J. L. FAHEY

Cell-Mediated Immunity to Friend Virus-Induced Leukemia. II. Characteristics of Primary Cell-Mediated Cytotoxic Response. CHOU-CHIK TING, DENNIS RODRIGUES, GRACE SHIU BUSHAR, AND RONALD B. HERBERMAN

Cell-Mediated Immunity to Friend Virus-Induced Leukemia. III. Characteristics of Secondary Cell-Mediated Cytotoxic Response. CHOU-CHIK TING, HOLGER KIRCHNER, DENNIS RODRIGUES, JOSEPH Y. PARK, AND RONALD B. HERBERMAN

VIRAL AND MICROBIAL IMMUNOLOGY

Antigenic Determinants of Adenovirus Capsids. I. Measurement of Antibody Cross-Reactivity. NICHOLAS WILLCOX AND VIVIEN MAUTNER

Antigenic Determinants of Adenovirus Capsids. II. Homogeneity of Hexons, and Accessibility of Their Determinants, in the Virion. NICHOLAS WILLCOX AND VIVIEN MAUTNER

Mechanisms of Immunologic Resistance to Herpes Simplex Virus 1 (HSV-1) Infection. BRACHA RAGER-ZISMAN AND ANTHONY C. ALLISON

Acute and Chronic Infection of Human Lymphoblastoid Cell Lines with Measles Virus. DAVID W. BARRY, JOHN L. SULLIVAN, SUSAN J. LUCAS, RUTH C. DUNLAP, AND PAUL ALBRECHT

Antibody-Dependent Cell-Mediated Cytotoxicity to Target Cells Infected with Type 1 and Type 2 Herpes Simplex Virus. STEVEN L. SHORE, CHARLOTTE M. BLACK, FRANK M. MELEWICZ, PHYLLIS A. WOOD, AND ANDRE J. NAHMIA