114 (1 Part 1)

J Immunol 1975; 114:1-254; ;
http://www.jimmunol.org/content/114/1_Part_1.citation

This information is current as of November 13, 2017.

Why The JI?

- **Rapid Reviews!** 30 days* from submission to initial decision
- **No Triage!** Every submission reviewed by practicing scientists
- **Speedy Publication!** 4 weeks from acceptance to publication

*average

**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

The Distribution of a Rabbit Thymic Antigen and Membrane Immunoglobulins in Lymphoid Tissue, with Special Reference to Mucosal Lymphocytes. O. Rudzik, R. L. Clancy, D. Y. E. Perey, J. Bienensstock, and D. P. Singal ........................................ 1

Characterization of Guinea Pig Mitogenic Factor. John A. Mills ........................................................................ 45

The Selective Action of Poly A: U on the Electrophoretic Mobility and Surface Charge of a Subpopulation of B Cells. S. N. S. Hanjan and G. P. Talway .......................................................... 55


Studies on the Composition of Adjuvants Which Selectively Enhance Delayed Type Hypersensitivity to Lipid Conjugated Protein Antigens. Richard Champlin and Robert L. Hunter .................................................................................. 76

Modulation of in Vivo Antibody Responses by Cholera Toxin. John R. Kateley and Herman Friedman .......................................................... 81

Catabolism, Physical, and Immunologic Properties of Endocytosed Isologous and Heterologous γ-Globulins by Mouse Macrophages. André Crucaud, Monika Berney, and Luc Balant .................................................................................. 102

Identification of Two Populations of Immunoglobulin-Bearing Lymphocytes in Man. Peter Lobo, Frederick B. Westervelt, and David A. Horwitz .................................................................................. 116

Host-Derived Antibody-Forming Cells in Lethally Irradiated Mice. Linda M. Pilaski and Alastair J. Cunningham .................................................................................. 138

Carrier-Determined Tolerance in Vitro. Pierre Galanaud, Marlene Aldo-Benson, and Yves Borel .................................................................................. 141

Intracellular Events Involved in the Induction of Immune Competence in Lymphoid Cells by a Thymus Humoral Factor. Abraham I. Kook and Nathan Trainin .................................................................................. 151

Interaction of IgE with Rat Basophilic Leukemia Cells. III. Release of Intact Receptors on Cell-Free Particles. Dennis A. Carson, Anthony Kulczycki, Jr., and Henry Metzger .................................................................................. 158

Relation of DNA Synthesis and Suppression to Development of Memory by T Cells. Vern A. Mills, Simone Orbach-Abboys, and Richard K. Gershon .................................................................................. 200

IMMUNOCHEMISTRY


The Molecular Dimensions of Mitogenic Factor from Guinea Pig Lymph Node Cells. Celia L. Gately, Maurice K. Gately, and Manfred M. Mayer .................................................................................. 10

Differential IgA Repopulation after Transfer of Autologous and Allogeneic Rabbit Peyer's Patch Cells. Oleh Rudzik, Daniel Y. E. Perey, and John Bienensstock .................................................................................. 40

Specific Isolation and Characterization of Antibody Directed to Binding Site Antigenic Determinants. J. Latham Champlin and Joseph M. Davey .................................................................................. 70

Equine Anti-Hapten Antibody. IX. IgM Anti-Lactose Antibodies. Ming-Ming Chua, Don O. Morgan, and Fred Karush .................................................................................. 99

Immunogenic Properties of Modified Antigen E. II. Ability of Urea-Denatured Antigen and α-Polypeptide Chain to Prime T Cells Specific for Antigen E. Kimishige Ishizaka, Hiromu Okudaia, and Te Fiao King .................................................................................. 110

Complement Activation by Interaction of Polyanions and Polycations. I. Heparin-Protamine Induced Consumption of Complement. Rosemarie Rent, Nancy Ertel, Ruben Eisenstein, and Henry Gewurz .................................................................................. 120

Antigenic Relationship between the Fourth Component of Human and Guinea Pig Complement. Sarkis H. Ohanian and Tiber Boros .................................................................................. 161

Restriction of Heterogeneity of Goat Antibodies Specific for Human Hemoglobin S. Robert D. Schreiber, Robert W. Noble, and Morris Reichlin .................................................................................. 170

IMMUNOGENETICS AND TRANSPLANTATION

Quantitative Determination of Allotypic and Idiotype Markers with Antisera Coupled to N-Hydroxysuccinimide-Activated Sepharose. A. Bendix Gottlieb, R. K. Seide, and T. J. Kindt .................................................................................. 51


If-Associated Murine Allantigens: Demonstration of Multiple Ia Specificities in H-2 Allantigens after Selective Absorptions. David H. Sachs and James L. Cone .................................................................................. 165

Macrophage Cytotoxicity in the Mouse Immune Response against a Skin Allograft. Alexandra Dimitriu, Michel Dy, Napier Thompson, and Jean Hamburger .................................................................................. 195

IMMUNOPATHOLOGY

Immunologic and Biochemical Properties of the Histamine-Sensitizing Factor from Bordetella pertussis. Samuel B. Lehner, John H. Vaughan, and Eng M. Tan .................................................................................. 34

Subepidermal Deposition of Immunoglobulin in NZB/NZW F1 Hybrid Mice. JAMES N. GILLIAM, ERIC R. HURD, AND MORRIS ZIFF ................................................................. 133

Spontaneous and Methylcholanthrene-Enhanced Thyroiditis in BUF Rats. I. The Incidence and Severity of the Disease, and the Genetics of Susceptibility. DAVID A. SILVERMAN AND NOEL R. ROSE ................................................................. 145

Spontaneous and Methylcholanthrene-Enhanced Thyroiditis in BUF Rats. II. Induction of Experimental Autoimmune Thyroiditis without Complete Freund's Adjuvant. DAVID A. SILVERMAN AND NOEL R. ROSE ............ 148

The Characterization of Human Anti-IgG Autoantibodies by Liquid Isoelectric Focussing. HELMUTH W. TRIESCHMANN, JR., GEORGE N. ABRAHAM, AND EDWARD A. SANTUCCI ...................................................... 176

Dissociation of the Immunologic Release of Histamine and Slow Reacting Substance of Anaphylaxis from Human Lung Cytochalasins A and B. ROBERT P. ORANGE ........................................ 182

Antigen-Induced Inhibition of Experimental Allergic Encephalomyelitis. III. Localization of an Inhibitory Site Distinct from the Major Encephalitogenic Determinant of Myelin Basic Protein. ROBERT H. SWANBORG, JAMES C. HOLLERS, DAVID H. BING, AND RICHARD A. PATRICK ........................................ 216

Immunopathology of Mouse Hepatitis Virus Type 3 Infection. I. Role of Humoral and Cell-Mediated Immunity in Resistance Mechanisms. C. LE PREVOST, E. LEVY-LEBLOND, J. L. VIRELIZIER, AND J. M. DUPUY ........... 221

Immunopathology of Mouse Hepatitis Virus Type 3 Infection. II. Effect of Immunosuppression in Resistant Mice. J. M. DUPUY, E. LEVY-LEBLOND, AND C. LE PREVOST .................................................. 226

TUMOR IMMUNOLOGY

In Vitro Detection of Immune Responses to MTV-Induced Mammary Tumors: Qualitative Differences in Response Detected by Time Studies. PHYLLIS B. BLAIR AND MARY ANN LANE ........................................ 17

Characterization of Cytotoxic Effector Cells in the Mouse Mammary Tumor System. MARY-ANN LANE, JIRAYR ROUBINIAN, MAXWELL SLOMICH, PARK TREFTS, AND PHYLLIS B. BLAIR ........................................ 24

E-Receptors on Blasts from Untreated Acute Lymphocytic Leukemia (ALL). Comparison of Temperature Dependence of E Rosettes Formed by Normal and Leukemic Lymphoid Cells. L. BORELLA AND L. SEN ........................................ 187

Inhibition of Proliferation of Lymphoma Cells and T Lymphocytes by Suppressor Cells from Spleens of Tumor-Bearing Mice. HOLGER KIRCHNER, ANDREW V. MUCHMORE, THOMAS M. CHUSED, HOWARD T. HOLDEN, AND RONALD B. HERBERMAN ......................... 206

Depression of Humoral Immunity to Sheep Erythrocytes in Vitro by Friend Virus Leukemic Spleen Cells: Induction of Resistance by Statolin. OWEN S. WEISLOW AND E. FREDERICK WHEELOCK .................................................. 211

In Vitro Studies of the Cellular Immune Response of Tumor-Bearing Mice to SV40-Transformed Cells. JOHN W. BLASECKI AND SATVIR S. TEVETHIA .................................................. 244

VIRAL AND MICROBIAL IMMUNOLOGY

Capacity of Sensitized Thymus-Derived Lymphocytes to Induce Fatal Lymphocytic Choriomeningitis is Restricted by the H-2 Gene Complex. PETER C. DOHERTY AND ROLF M. ZINKERNAGEL ........................................ 30

Use of Radioimmunoassays to Determine the Concentration of Streptococcal Group-Specific Antibodies in Rabbit Antisera. DAVID BERNSTEIN, DAVID G. KLAPPER, AND RICHARD M. KRAUSE .......................... 59

Antibody-Mediated Cytotoxicity after Measles Virus Infection. RUTHANN KIBLER AND VOLKER TER MEULEN .......................... 93

Immunosuppression by Leukemic Viruses. XI. Effect of Friend Leukemia Virus on Humoral Immune Competence of Leukemia Resistant C57BL/6 Mice. WALTER S. CIEGLOWSKI, BARBARA P. CAMPBELL, AND HERMAN FRIEDMAN .................................................. 231

An in Vitro Method for Study of Human Lymphocyte Cytotoxicity against Mumps Virus-Infected Target Cells. TARRJÖRN ANDERSSON, VERA STEJSKAL, AND BENGT HÖRFSTRÖ.. 237

COMMUNICATIONS

Similar Idiotypic Specificity for the Membrane IgD and IgM of Human B Lymphocytes. S. M. FU, R. J. WIncHester, AND H. G. KUNKEL .................................................. 250

Association of a β2-Microglobulin-Like Subunit with H-2 and TL Alloantigens on Murine Thymocytes. ELLEN S. VITETTA, JONATHAN W. UHR, AND EDWARD A. BOYSE .................................................. 252