



## COVID-19 Research Tools

Defeat the SARS-CoV-2 Variants

InVivoGen



### 114 (2 Part 1)

*J Immunol* 1975; 114:531-716; ;  
[http://www.jimmunol.org/content/114/2\\_Part\\_1.citation](http://www.jimmunol.org/content/114/2_Part_1.citation)

This information is current as of May 20, 2022.

#### Why *The JI*? [Submit online.](#)

- **Rapid Reviews! 30 days\*** from submission to initial decision
- **No Triage!** Every submission reviewed by practicing scientists
- **Fast 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* is published twice each month by  
The American Association of Immunologists, Inc.,  
1451 Rockville Pike, Suite 650, Rockville, MD 20852  
All rights reserved.  
Print ISSN: 0022-1767 Online ISSN: 1550-6606.



## THE JOURNAL OF IMMUNOLOGY®

## Contents for February

## CELLULAR IMMUNOLOGY

Lack of B Lymphocytes Depletion from Murine Spleen Cell Populations by a Human $\gamma$ -Globulin, Anti-Human $\gamma$ -Globulin Column System. MICHAEL KARPF, MICHAEL C. GELFAND, BARRY S. HANDWERGER, AND RONALD H. SCHWARTZ. . . . .	542
Regulation of Antibody Response <i>in Vitro</i> . IX. Induction of Secondary Anti-Hapten IgG Antibody Response by Anti-Immunglobulin and Enhancing Soluble Factor. TADAMITSA KISHIMOTO AND KIMISHIGE ISHIZAKA . . . . .	585
Macrophage Requirement for Production of Guinea Pig Migration Inhibitory Factor (MIF) <i>in Vitro</i> . ROBERT NELSON AND RICHARD W. LEU. . . . .	606
Reaginic Antibody Formation in the Mouse. V. Adoptive Antihapten IgE Antibody Response of Dinitrophenyl-Keyhole Limpet Hemocyanin-Primed Spleen Cells Cultured with Dinitrophenyl-heterologous Carrier Conjugates. HIROKAZU OKUDAIRA AND KIMISHIGE ISHIZAKA. . . . .	613
Lymphoid Cell Adenylate Cyclase Activity after X-Irradiation and Cortisone Treatment. ROBERT G. KEMP AND RÉNÉ J. DUQUESNOY. . . . .	660
The Production of Anti-Guinea Pig Lymphokine Antibody. TAKESHI YOSHIDA, PIERLUIGI E. BIGAZZI, AND STANLEY COHEN. . . . .	688
Differential Regulatory Effects of Accessory Cells on the Generation of Cell-Mediated Immune Reactions. CAROL L. MILLER AND ROBERT I. MISHELL. . . . .	692
Characterization of the Lymphocytes Surface Receptors for Con A and PHA. PIERRE A. HENKART AND RICHARD I. FISHER. . . . .	710

## IMMUNOCHEMISTRY

Studies on the Inhibition of C56-Induced Lysis (Reactive Lysis). VI. Modulation of C56-Induced Lysis by Poly-anions and Polycations. PATRICIA J. BAKER, THOMAS F. LINT, BRUCE C. MCLEOD, CAROLE L. BEHREND, AND HENRY GEWURZ. . . . .	554
Immune Precipitation of Immunoglobulin Producing Polysomes from Mouse Myeloma Cells. REUVEN LASKOV AND SARA MITELMAN. . . . .	566
Competition for Antigen by Cell Populations Having Receptors with the Same Specificity but of Different Idiotype. SUSAN A. BANGASSER, ANDREAS A. KAPSALIS, PAMELA J. FRAKER, AND ALFRED NISONOFF. . . . .	610
Synthesis of Antibody and of Immunoglobulins without Detectable Antibody Function in Cells Responding to Horseradish Peroxidase. HUGH R. P. MILLER, THÉRÈSE TERNYNCK, AND STRATIS AVRAMEAS. . . . .	626
Affinity Chromatography of Human Leukocyte and Diploid Cell Interferons on Sepharose-Bound Antibodies. KURT BERG, CLIFTON A. OGBURN, KURT PAUCKER, K. ERIC MOGENSEN, AND KARI CANTELL. . . . .	640
Heavy Chain-Producing Variants of a Mouse Myeloma Cell Line. SHERIE L. MORRISON AND MATTHEW D. SCHARFF. . . . .	655
Cleavage of the Third Complement Component (C3) and Generation of the Spasmogenic Peptide C3a, in Human Serum Via the Properdin Pathway: Demonstration of Inhibitory as Well as Enhancing Effects of Epsilon-Amino-Caproic Acid. WALTHER VOGT, GISA SCHMIDT, RAINER LYNEN, LOTHAR DIEMINGER. . . . .	671
Distribution and Association of Heavy and Light Chain Variable Region Subgroups among Human IgA Immunoglobulins. J. DONALD CAPRA AND J. MICHAEL KEHOE. . . . .	678
<i>In Vitro</i> Response of Mouse Spleen Cells to the Solid Phase Immunogen DNP-O-Bio-Gel. GARY N. TRUMP. . . . .	682
Alternate Complement Pathway Induction of Aggregation and Release of 5-Hydroxytryptamine and Adenosine Diphosphate by Rabbit Platelets. SAMUEL R. MARNEY, JR., DANIEL G. COLLEY, AND ROGER M. DES PREZ. . . . .	696
Thymus-Independent Antigens: The Preparation of Covalent, Hapten-Ficoll Conjugates. JOHN K. INMAN. . . . .	704

## IMMUNOGENETICS AND TRANSPLANTATION

Canine Marrow Transplantation: Are Serum Blocking Factors Necessary to Maintain the Stable Chimeric State? MANG-SO TSOI, RAINER STORB, PAUL L. WEIDEN, THEODORE C. GRAHAM, MARIA-LOUISE SCHROEDER, AND E. DONNALL THOMAS. . . . .	531
Canine Radiation Chimeras: An Attempt to Demonstrate Serum Blocking Factors by an <i>in Vivo</i> Approach. MARIA-LOUISE SCHROEDER, RAINER STORB, THEODORE C. GRAHAM, AND PAUL L. WEIDEN. . . . .	540
Characterization of Immune Response and Mixed Lymphocyte Reactions in Selected Intra-H-2 Recombinant Strains. M. E. DORF, J. M. D. PLATE, J. H. STIMPFLING, AND B. BENACERRAF. . . . .	602
Allotypic Suppression in Rabbits: Competition for Target Cell Receptors between Isologous and Heterologous Antibody and between Native Antibody and Antibody Fragments. PANG-NIN SHEK AND STANISLAW DUBISKI. . . . .	621

## IMMUNOPATHOLOGY

Experimental Allergic Encephalomyelitis in Resistant and Susceptible Guinea Pigs: <i>In Vivo</i> and <i>in Vitro</i> Correlates. ROBERT P. LISAK, BURTON ZWEIMAN, MARIAN W. KIES, AND BERNARD DRISCOLL. . . . .	546
The Location of Regions in Guinea Pig and Bovine Myelin Basic Proteins Which Induce Experimental Allergic Encephalomyelitis in Lewis Rats. RUSSELL E. MARTENSON, SEYMOUR LEVINE, AND RICHARD SOWINSKI. . . . .	592

Allergic Encephalomyelitis in the Reputedly Resistant Brown-Norway Strain of Rats. SEYMOUR LEVINE AND RICHARD SOWINSKI.....	597
Neural Antigens and Induction of Myelination Inhibition Factor. FREDERICK J. SEIL, MARIAN W. KIES, AND MARTHA BACON.....	630
Inactivation of Slow Reacting Substance of Anaphylaxis by Human Eosinophil Arylsulfatase. STEPHEN I. WASSERMAN, EDWARD J. GOETZL, AND K. FRANK AUSTEN.....	645

#### TUMOR IMMUNOLOGY

Cytotoxic Effects of Antigen- and Mitogen-Induced T Cells on Various Targets. MICHAEL I. BEVAN AND MELVIN COHN.....	559
Specific Susceptibility of Sensitized (Memory) B Cells to Suppression and Antigenic Alteration by Murine Leukemia Virus. JAN CERNY AND ELIZABETH B. WANER.....	571
Inhibition of Lymphocyte Trapping by Cell-Free Ascitic Fluids Cultivated in Syngeneic Mice. PATRICIA K. A. MONGINI AND LEON T. ROSENBERG.....	650

#### VIRAL AND MICROBIAL IMMUNOLOGY

Induction of Acquired Cellular Resistance following Transfer of Thymus-Dependent Lymphocytes from Syphilitic Rabbits. R. SCHELL D. MUSER, K. JACOBSON, AND P. SCHWETHELM.....	550
Preliminary Evidence for Cell-Mediated Immunity in Cross-Protection among Group A Arboviruses. RICHARD D. PECK, ARTHUR BROWN, AND CARL J. WUST.....	581
Broad Antigenic Relationships among Rhinovirus Serotypes Revealed by Cross-Immunization of Rabbits with Different Serotypes. MARION K. COONEY, JOHN A. WISE, GEORGE E. KENNY, AND JOHN P. FOX.....	635
Lymphocyte Depletion Induced by Cholera Toxin; Relationship to Adrenal Cortical Function. STEPHEN I. MORSE, CAROL D. STEARNS, AND SUSAN R. GOLDSMITH.....	665

#### COMMUNICATION

The Stimulation of Immunoglobulin Production in Murine Spleen Cells by the Pokeweed Mitogens. T. Y. BASHAM AND M. J. WAXDAL.....	715
--	-----