This information is current as of July 25, 2017.

111 (1)

J Immunol 1973; 111:1-316; ;
http://www.jimmunol.org/content/111/1.
citation

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 July

### CELLULAR IMMUNOLOGY

- Regulation of Antibody Response *in vitro*. V. Effect of Carrier-Specific Helper Cells on Generation of Hapten-Specific Memory Cells of Different Immunoglobulin Classes. TADAMITSU KISHIMOTO AND KIMISHIGE ISHIZAKA .......................................................... 1
- Enhanced Antibody Response of Mice to Polyinosinic Polycytidylic Acid by Antithymocyte Serum and Its Age-Dependent Loss in NZB/W Mice. THOMAS M. CHUSED, ALFRED D. STEINBERG, AND LEROY M. PARKER ............................................. 52
- Antigen-Induced Proliferation of Guinea Pig Lymphocytes *in vitro*: Obligatory Role of Macrophages in the Recognition of Antigen by Immune T-Lymphocytes. JAMES A. WALDRON, JR., ROBERT G. HORN, AND ALAN S. ROSENTHAL ..................................................... 58
- Alternative Potentiating and Inhibitory Effects of GVH Reaction on Formation of Antibodies Against a Thymus-Independent Polysaccharide (SIII). PATRICIA BYFIELD, GEORGE H. CHRISTIE, AND JAMES G. HOWARD ................................................................. 72
- Antigen-T Lymphocyte Interactions: Inhibition by Cytochalasin B. CHRISTOPHER S. HENNEY AND J. ERIC BUBBERS ................................................................. 85
- Development of Primary γM, γG, and γA Anti-TNP Plaque-Forming Cell Responses *in vitro*. HARRY G. BLEUSTEIN AND CARL W. PIERCE ......................................................... 130
- Cellular Requirements for Development of Primary Anti-Hapten Antibody Responses *in vitro*. HARRY G. BLEUSTEIN AND CARL W. PIERCE ......................................................... 137
- Studies on Rabbit Lymphocytes *in vitro*. XVI. Restimulation of Antiallotypically Stimulated and Blocked Cultures. STEWART SELL, JENNIFER A. LOWE, AND P. G. H. GELL ................................................................. 144
- Effect of Irradiation and Appendicostomy on Appendix Structure and Responses of Appendix Cells to Mitogens. HILDUR E. BLYTHMAN AND BYRON H. WAKSMAN ................................................................. 171

### IMMUNOCHEMISTRY

- Morphologic, Chemical, and Immunologic Studies of Amyloid-Like Fibrils Formed from Bence Jones Proteins by Proteolysis. R. P. LINKE, D. ZUCKER-FRANKLIN, AND E. C. FRANKLIN ................................................................. 10
- Molecular Restriction of Anti-DNP Antibodies Induced by Dinitrophenylated Type III Pneumococcus. PAUL C. MONTGOMERY AND JACK H. PINCUS ................................................................. 42
- The Role of Antigenic Determinants in the Control of IgM and IgG Antibody Responses to Denatured DNA. RUBEN GRUENEWALD AND B. DAVID STOLLAR ................................................................. 106
- Denaturation of Lysozyme by Freund's Complete Adjuvant. ROBERT J. SCHRIENSKY ................................................................. 114
- Immune Response of Mice to Nucleic Acids: Strain-Dependent Differences in Magnitude and Class of Antibody Production. B. DAVID STOLLAR, SARA FUCHS, AND EDNA MOZES ................................................................. 121
- Complement: Optimal Reaction Conditions for Guinea Pig C4. WILLIAM D. LINSCLOTT ................................................................. 189
- Complement: A Reversible Temperature-Dependent Alteration in the Reactivity of EAC1 with C4. WILLIAM D. LINSCLOTT ................................................................. 200
- Lymphocyte Receptor Movement Induced by Sheep Erythrocyte Binding. ROBERT F. ASHMAN ................................................................. 212
- Intestinal Uptake of Macromolecules. II. Effect of Parenteral Immunization. W. A. WALKER, K. J. ISSELBACHER, AND K. J. BLOCH ................................................................. 221
- The Relationship of Binding Affinity to b4 Allotype in Rabbit Anti-Dinitrophenyl Antibody. SILVIA FONTANA, CIRO MANZO, AND SERAFINO ZAPPACOSTA ................................................................. 227

### IMMUNOGENETICS AND TRANSPLANTATION

- The Importance of Chimerism in Maintaining Tolerance of Skin Allografts in Mice. DAVID M. LUBAROFF AND WILLYS K. SILVERS ................................................................. 65
- Genetics of the Immune Response. II. Inheritance of Antibody Specificity to Lipopolysaccharides in Mice. RAIMUND DI PAULI ................................................................. 82
- Genetic Control of Immune Response toward the Loop Region of Lysozyme. ELCHANAN MARON, HOWARD I. SCHER, EDNA MOZES, RUTH ARNON, AND MICHAEL SELA ................................................................. 101

Continued
IMMUNOPATHOLOGY

Immunologic Release of Histamine and Slow Reacting Substance of Anaphylaxis from Human Lung. V. Effects of Prostaglandins on Release of Histamine. ALFRED I. TAUBER, MICHAEL KALINER, DANIEL J. STECHSCHULTE, AND K. FRANK AUSTEN ...

LYSOSOMAL ENZYME RELEASE FROM HUMAN LEUKOCYTES: MEDIATION BY THE ALTERNATE PATHWAY OF COMPLEMENT ACTIVATION. IRA M. GOLDSTEIN, MELCHIORRE BRAI, ABRAHAM G. OSLER, AND GERALD WEISSMANN ...

MYELOPLASMA INHIBITION FACTOR: ITS ABSENCE IN SERA FROM SUBHUMAN PRIMATES SENSITIZED WITH MYELIN BASIC PROTEIN. FREDERICK J. SEIL, HELENE C. RAUCH, ELIZABETH ROOZ EINSTEIN, AND ANN E. HAMILTON ...

The Role of the Inflammatory Response of Skin and Lymph Nodes in the Induction of Sensitization to Simple Chemicals. MITCHELL H. FRIEDLAENDER, FRANCIS V. CHISARI, AND HAROLD BAER ...

HYPERSENSITIVITY TO ASCARIS ANTIGENS. VIII. CHARACTERIZATION OF A HIGHLY PURIFIED ALLERGEN. RABIA HUSSAIN, SUSAN M. BRADBURY, AND GILL STREJAN ...

TUMOR IMMUNOLOGY

Effects of Pyran Copolymer on Leukemogenesis in Immunosuppressed AKR Mice. MARTIN S. HIRSCH, PAUL H. BLACK, MARY L. WOOD, AND ANTHONY P. MONACO ...

VIRAL AND MICROBIAL IMMUNOLOGY


INTRACELLULAR LOCALIZATION OF MAMMALIAN TYPE C VIRUS SPECIES-SPECIFIC (gs-1) AND INTERSPECIES-SPECIFIC (gs-3) ANTIGENIC DETERMINANTS WITH THE INDIRECT IMMUNOPEROXIDASE Technique and LIGHT MICROSCOPY. ANTHONY GIRARDI, BERGE HAMPAR, KONRAD C. HSU, STEPHAN OROSZLAN, ELIZABETH HORNBERGER, GARY KELLOFF, AND RAYMOND V. GILDEN ...

Induction of Systemic Delayed Hypersensitivity during Experimental Viral Infection of the Respiratory Tract with a Myxovirus or Paramyxovirus. ROGER E. WETHERBEE ...

Immunoglobulin Response in Experimental Infection with Cell Free and Cell Associated Marek's Disease Virus. R. M. JAKOWSKI, T. N. FREDRICKSON, AND R. E. LUGINBUHL ...

Cross-Reactions among Group A Streptococci. IV. Extraction, Separation and Purification of Two Protective Antigens of Type G1 Coci. T. TIMOTHY MYODA, GROVE G. WILEY, AND PAULINE N. BRUNO ...

COMMUNICATIONS

Position of the Selective Peptic Cleavage of a Human \(\alpha\)-Chain between the V and C Domains. BYEONG KUK SEON, ALLAN L. GROSSBERG, OLIVER A. ROHOLT, AND DAVID PRESSMAN ...


T Cells Can Bind Antigen via Cytophilic IgM Antibody Made by B Cells. SUSAN R. WEBB AND MAX D. COOPER ...

Water Buffalo Blood Groups. IV. Antigenic Determinant Located Beneath the Surface of Red Cells. D. IANNELLI, T. M. BETTINI, AND U. ORESTE ...

Serologic Assay of HLA Antigens in the Presence of Detergents. JEFFREY R. DAWSON, SANDRA S. SHABBY, AND D. BERNARD AMOS ...

Protection of Adult Mice Against Tumor Challenge by Immunization with Irradiated Adult Skin or Embryo Cells. AARON BENDICH, ELLEN BORENFREUND, AND ELLIOTT H. STONEHILL ...

SPECIAL ARTICLE

Abstracts of the Fifth International Complement Workshop, Hotel Del Coronado, Coronado, California, February 23-25, 1973 ...

ANNOUNCEMENT

A new section, "Letters," will be added as a regular part of the Journal of Immunology to provide readers and authors a forum for discussion of scientific material appearing in the Journal. The reader will have the opportunity to comment on, add information to, or point out differences from published articles, and the authors will be given the opportunity for response. Letters should be lucid, germane, and succinct (preferred length, 250 words or less). They will be selected on the basis of their interest, relevancy and importance of subject matter, and will be altered by the Editors if necessary, to improve understanding and style.