This information is current as of April 13, 2017.

116 (3)

http://www.jimmunol.org/content/116/3.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 March

CELLULAR IMMUNOLOGY

Listeria Cell Wall Fraction: A B Cell Adjuvant. Priscilla A. Campbell, Carol S. Schuﬄer, and Gilberto E. Rodriguez .............................................. 590
A Simple Method for the Determination of Complement Receptor—Bearing Mononuclear Cells. Jeffrey A. Gelfand, Anthony S. Fauci, lra Green, and Michael M. Frank .......................................................... 595
Modulation of Help and Suppression in a Hapten-Carrier System. Diane D. Eardley and Eli E. Sercarz .... 600
Inhibition of Mitogen-Induced Lymphocyte Transformation by Local Anesthetics. Ronald M. Ferguson, Jon R. Sch acne, and Richard L. Simonds ................................................................. 627
Role of Mercaptoethanol and Endotoxin in Stimulating B Lymphocyte Colony Formation in Vitro. Donald Metcalf .................................................. 635
Separation of Lymphocyte Mitogen from Lymphotoxin and Experiments on the Production of Lymphotoxin by Lymphoid Cells Stimulated with the Partially Purified Mitogen: A Possible Ampliﬁcation Mechanism of Cellular Immunity and Allergy. Celia L. Gately, Maurice K. Gately, and Manfred M. Mayer .... 669
Thymus-Derived Peripheral Lymphocytes from Human Newborns Inhibit Division of Their Mothers' Lymphocytes. Lars B. Olding and Michael B. A. Oldstone ............... 682
Effect of Lectins on the Levels of cAMP and cGMP in Guinea Pig Lymphocytes. Early Responses of Lymph Node Cells to Mitogenic and Non-mitogenic Lectins. David G. Burleson and Harvey J. Sage .......... 696
Tolerance and Contact Sensitivity to DNFB in Mice. V. Induction of Tolerance with DNP Compounds and with Free and Membrane-Associated DNFB. Henry N. Claman .......... 704
Adjuvant Regulation of T Cell Function. Carol L. Reinsch, Nancy A. Gleiner, and Stuart F. Schwomman .................... 710
Humoral Immunity in Aged Mice. I. Age-Related Decline in the Secondary Response to DNP of Spleen Cells Propagated in Diffusion Chambers. Mariangela Segre and Diego Segre .......... 731
Humoral Immunity in Aged Mice. II. Increased Suppressor T Cell Activity in Immunologically Deﬁcient Old Mice. Diego Segre and Mariangela Segre ................ 735
Development of Rat Mast Cells in Vitro. I. Differentiation of Mast Cells from Thymus Cells. Teruko Ishi- zaka, Hirokazu Okudaia, Linda E. Mauser, and Kimishige Ishizaka ........................................ 747
Cytotoxic Activity of Lymphocytes. VI. Heterogeneity of Cytotoxins in Supernatants of Mitogen-Activated Lymphocytes. Sharyn M. Walker, Sheng-Chung Lee, and Zoltan J. Lucas ........ 807
Carrier Determined Tolerance with Various Subclasses of Murine Myeloma IgG. Yves Borel, Doav T. Golan, Lynne Killham, and Halina Borel ................................................................. 854
Phytohemagglutinin-Induced Proliferation of Guinea Pig Thymus-Derived Lymphocytes. II. Accessory Cell Function. Jerrold J. Ellner, Peter E. Lipsky, and Alan S. Rosenthal .......... 876

CLINICAL IMMUNOLOGY

Transformation of Human Peripheral Lymphocytes by Galactose Oxidase. James F. P. Dixon, John W. Parker, and Richard L. O'Brien ........................................... 575
Degranulation of Basophilic Leukocytes in Allergic Contact Dermatitis Reactions in Man. Ann M. Dyvork, Martin C. Mihm, Jr., and Harold F. Dyvork ........................................ 687
Role of Monosaccharides in the Interaction of Two Lymphocyte Mediators with Their Target Cells. Ross E. Rocklin .............. 816
Serum Factors Activating the Alternative Complement Pathway in Autoimmune Disease: Description of Two Different Factors from Patients with Systemic Lupus Erythematosus. Carlos M. Arroyave, Merlin R. Wilson, and Eng M. Tan ......................... 821

IMMUNOCHEMISTRY

Kinetics of the Antibody Responses to Type III Pneumococcal Polysaccharide. III. Evidence that Suppressor Cells Function by Inhibiting the Recruitment and Proliferation of Antibody-Producing Cells. Jeffrey M. Jones, Diane F. Amsbaugh, Philip W. Stashak, Benjamin Prescott, Phillip J. Baker, and David W. Alling ................................................................. 647
Production of Large Amounts of Antibodies in Individual Mice. Amar S. Tung, Shyr-Te Ju, Shigeru Sato, and Alfred Nisonoﬀ ................................................................. 676
Comparative Studies on Monotypic IgM and IgG� from an Individual Patient. II. Amino-Terminal Sequence Analyses. John E. Hopper, Claudia Noyes, Robert Heinrikson, and James W. Kessel ............. 743
Factors Influencing the Isolation of Membrane Immunoglobulins from T and B Lymphocytes. I. Detergent Effects and Iodination Conditions. ROBERT E. CONE .......................................................... 847

IMMUNOBIOLOGY

Genetic Control of Immune Response against Random Copolymers of Glutamic Acid and Alanine (GA) in Inbred Mice. CARME F. MERRYMAN AND PAUL H. MAURER .......................................................... 739
A New Allotrymphic System Associated with the Mls Locus in the Mouse. SUSAN L. TONKONOGY AND HENRY J. WINN ........................................................................ 835

IMMUNOPATHOLOGY

Complement-Induced Histamine Release from Human Basophils. II. Mechanism of the Histamine Release Reaction. REUBEN P. SIHRAGANIAN AND WILLIAM A. HOOK ............... 639
Proteolytic Effects of Specific Antibodies in Trypanosoma cruzi Infections. ANTONIANA URISENE KRETLI AND ZIGMAN BRENER ................................................................................ 755
Cellular Immunity in Pyelonephritis: Identification of Suppressor Cell Activity of Spleen Cells in Response to Concanavalin A and Inhibition of Lymphocyte-Mediated L Cell Cytotoxicity. TERRY W. WILLIAMS, ARTHUR M. FRIEDLANDER, JOSEPH M. LYONS, AND ABRAHAM I. BREDA .................................................. 778
Influence of Protein Restriction on Immune Functions in NZB Mice. GABRIEL FERNANDES, EDMOND J. YUNIS, AND ROBERT A. GOOD ........................................................................... 782

TUMOR IMMUNOLOGY

Resistance to Tumor Growth by Listeria monocytogenes. Destruction of Experimental Malignant Melanoma by LM-Activated Peritoneal and Lymphoid Cells. SAID YOUDIM ............................................ 579
Effects of Neoplasms on Inflammation: Depression of Macrophage Accumulation after Tumor Implantation. RALPH SNYDERMAN, MARILYN C. PIKE, BARBARA L. BAYLROCK, AND PHILLIP WEINSTEIN .......................................................... 585
Antibody in the Sera of Tumor-Bearing Mice That Mediates Spleen Cell Cytotoxicity toward the Autologous Tumor. PHILIS B. BLAIR, MARY-ANNE LANE, AND PEARL MAR .......................................... 606
Complexity of Factors in Sera of Different Mice That Affect MTV-Induced Mammary Tumor Cells. PHILIS B. BLAIR, MARY-ANNE LANE, AND PEARL MAR .......................................... 610
Resistance to Murine Leukemia in Mice Rejecting Syngeneic Somatic Hybrid Cells. WEITZE LIANG AND EDWARD P. COHEN ................................................................................ 623
Lysis of Tumor Cells by Antibody and Complement. VI. Enhanced Killing of Enzyme-Pretreated Tumor Cells. MICHAEL D. P. BOYLE, SARKIS H. OHANIAN, AND TIBOR BOROS .................................................. 661
The Role of Plasmin on the Double Antibody Radioimmunoassay of Carcinoembryonic Antigen in Human Blood Samples. SAROF DAS AND B. R. DAS .................................................. 761
Visual Detection of Carcinoembryonic Antigen on Surfaces. IVAR GIAEVER ........................................................................ 766
Regulation of the Immune Response to Tumor Antigens. I. Immunosuppressor Cells in Tumor Bearing Hosts. SHIGEYOSHI FUJIMOTO, MARK I. GREENE, AND ALEC H. SEHON ................................. 791
Regulation of the Immune Response to Tumor Antigens. II. The Nature of Immunosuppressor Cells in Tumor-Bearing Hosts. SHIGEYOSHI FUJIMOTO, MARK I. GREENE, AND ALEC H. SEHON .................................................. 800

VIRAL AND MICROBIAL IMMUNOLOGY

Immunity to C-Type RNA Viruses: Antibody Formation after Natural or Deliberate Infection. R. S. SCHWARTZ, J. DONELLY, C. J. M. MELIEF, AND S. LOUIE ........................................................................ 657
An IgG-Fe Receptor Induced in Cytomegalovirus-Infected Human Fibroblasts. ROBERT KELLER, RICKI PRETCHEL, JOHN N. GOODMAN, AND MARGARET GOLDMAN .................. 772
Analysis of the Humoral Immune Response to Influenza Virus in Vitro. T. J. BRACIALE, W. GERHARD, AND N. R. KINMAN ........................................................................ 827
Response to Antigenic Determinants of Neisseria meningitidis Lipopolysaccharide Investigated with a New Radioactive Antigen-Binding Assay. MARY ANN BEERMAN, J. MICLEG D. BROUSS, AND DENNIS D. BRADY .................................................. 842
Antibody-Induced Ultrastructural Changes of Malarial Sporozoites. ALAN H. COCHRANE, MASAMICHI AIKAWA, MUI JENG, AND RUTH S. NUSENZEWEIG ........................................................................ 859

COMMUNICATIONS

Production of Goat, Rat, and Guinea Pig Antisera to Murine IgE. G. M. LANG, W. Y. LEE, B. G. CARTER, AND A. H. SEHON ........................................................................ 881