This information is current as of April 30, 2017.

121 (4)

J Immunol 1978; 121:1219-1629;
http://www.jimmunol.org/content/121/4.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

CELLULAR IMMUNOLOGY

A. Tagliabue, J. L. McCoy, and R. B. Herberman 1223 Refractoriness to Migration Inhibitory Factor of Macrophages of LPS Nonresponder Mouse Strains
S. J. Fairchild and J. J. Cohen 1227 B Lymphocyte Precursors. I. Induction of Lipopolysaccharide Responsiveness and Surface Immunoglobulin Expression in Vitro
M. Pierres and R. N. Germain 1306 Antigen-Specific T Cell-Mediated Suppression. IV. Role of Macrophages in Generation of L-Glutamic Acid 3°-L-Alanine 3°-L-Tyrosine 1° (GAT)-Specific Suppressor T Cells in Responder Mouse Strains
Y. T. Kim, T. Mazer, M. E. Weksler, and G. W. Siskind 1315 Cellular Basis for a Hapten-Specific State of Tolerance Induced in Vitro
B. Diamond, B. R. Bloom, and M. D. Scharff 1329 The Fc Receptors of Primary and Cultured Phagocytic Cells Studied with Homogeneous Antibodies
M. V. Herrick and S. B. Pollack 1348 Kinetic Analysis of Antibody-Dependent Cellular Cytotoxicity: Evidence for Noncompetitive Inhibition by Autologous Lymphoid Cells
I. Zan-Bar, S. Slavin, and S. Strober 1400 Induction and Mechanism of Tolerance to Bovine Serum Albumin in Mice Given Total Lymphoid Irradiation (TLI)
H. P. Godfrey and C. L. Geczy 1428 Guinea Pig Macrophage Agglutination Factor is Antigenically Distinct from Migration Inhibition Factor and Immunoglobulin
L. A. Sherman, S. J. Burakoff, and B. Benacerraf 1432 The Induction of Cytolytic T Lymphocytes with Specificity for p-Azophenylarsonate Coupled Syngeneic Cells
B. A. Bach, L. Sherman, B. Benacerraf, and M. I. Greene 1460 Mechanisms of Regulation of Cell-Mediated Immunity. II. Induction and Suppression of Delayed-Type Hypersensitivity to Azobenzenearsionate-Coupled Syngeneic Cells
D. E. Mosier 1453 Induction of B Cell Priming by Neonatal Injection of Mice with Thymic-Independent (Type 2) Antigens
D. F. Ambsbaugh, B. Prescott, and P. J. Baker 1483 Effect of Splenectomy on the Expression of Regulatory T Cell Activity
J. M. Fidler 1532 In Vitro Studies of the Rabbit Immune System. VI. Rabbit Anti-mouse Cytotoxic T Effector Cells are Inhibited by Anti-Rabbit T Cell Serum in the Absence of Complement
J. M. Fidler 1558 The Induction of Hapten-Specific Immunologic Tolerance and Immunity in B Lymphocytes. IV. Induction of TNP-Specific Unresponsiveness in Vitro with Serum from Tolerant Mice
W. R. Green, Z. K. Ballas, and C. S. Henney 1566 Studies on the Mechanism of Lymphocyte-Mediated Cytolysis. XI. The Role of Lectin in Lectin-Dependent Cell-Mediated Cytotoxicity
A. Schwartz, P. W. Askenase, and R. K. Gershon 1573 Regulation of Delayed-Type Hypersensitivity Reactions by Cyclophosphamide-Sensitive T Cells
S. H. Peeters and B. G. Carter 1596 Regulation of the IgE Antibody Response in Mice. I. Long-Term Production of IgE Anti-ovalbumin in Irradiated Recipients

CLINICAL IMMUNOLOGY

F. Audibert, B. Heymer, C. Gros, K. H. Schleifer, P. H. Seidl, and L. Chedid 1219 Absence of Binding of MDP, a Synthetic Immunoadjuvant, to Anti-peptidoglycan Antibodies
W. P. Kolb, J. H. Lang, and E. C. Lasser 1232 Nonimmunologic Complement Activation in Normal Human Serum Induced by Radiographic Contrast Media
J. Nikoskelainen, D. V. Ablashi, R. A. Isenberg, E. U. Neel, R. G. Miller, and D. A. Stevens 1239 Cellular Immunity in Infectious Mononucleosis. II. Specific Reactivity to Epstein-Barr Virus Antigens and Correlation with Clinical and Hematologic Parameters
J. M. Alvarez, M. O. de Landazuri, G. D. Bonnard, and R. B. Herberman 1270 Cytotoxic Activities of Normal Cultured Human T Cells
Regulation of Human Lymphocyte Function by a Soluble Extract from Normal Human Liver

Expression of Human T Lymphocyte Antigens by Killer Cells

Immunoregulatory Aberrations in Systemic Lupus Erythematosus

In Vitro Growth of Cytotoxic Human Lymphocytes. I. Growth of Cells Sensitized in Vitro to Alloantigens

Fc-Receptors on Human T Lymphocytes. I. Transition of Tγ to Tμ Cells

Radiochemical Characterization of Hemoglobins Lepore and Kenya: Unique Antigenic Determinants Located on Hybrid Hemoglobins

Characterization of an IgE Receptor Isolated from Cultured B-Type Lymphoblastoid Cells

Immunoglobulin M Synthesized by Human Lymphoblastoid Cells: Interaction with Staphylococcus aureus and Protein A

Thy-1 Antigenicity is Associated with Glycolipids of Brain and Thymocytes

Liposomes as Model Membrane Systems for Immune Attack. I. Transfer of Antigenic Determinants to Lymphocyte Membranes after Interactions with Hapten-Bearing Liposomes.

Liposomes as Model Membrane Systems for Immune Attack. II. The Interaction of Complement and K Cell Populations with Immobilized Liposomes

Production of Antiserum Specific for Idiotype(s) of Murine Anti(T,G)-A - L Antibodies

Radiochemical Characterization of Hemoglobins Lepore and Kenya: Unique Antigenic Determinants Located on Hybrid Hemoglobins

Characterization of an IgE Receptor Isolated from Cultured B-Type Lymphoblastoid Cells

Lymphocyte-Activating Factor. I. Generation and Physiochemical Characterization of Anti-idiotype Antiserum to Human Antitetanus Antibodies

Biosynthesis of the First Component of Complement by Human and Guinea Pig Peritoneal Macrophages: Evidence for an Independent Production of the C1 Subunits

Genetic Control of Tolerance Induction to Human γ-Globulin in Mice

Estimates of the Precursor Frequency of Cytotoxic T Lymphocytes against Antigens Controlled by Defined Regions of the H-2 Gene Complex: Comparison of the Effect of H-2 Differences due to Intra-H-2 Recombination vs Mutation

IgG/Antibodies Produced by Heterozygous a' a" Rabbits Responding to Acidic Azahaptens are Predominantly of Allotype a'

H-2 Control of Tolerance Induction to L-Glutamic Acid, L-Lysine Containing Polymers

Impairment of Host vs Graft Reaction in Pregnant Mice. I. Suppression of Cytotoxic T Cell Generation in Lymph Nodes Draining the Uterus

Clonal Nature of the Immune Response to Phosphocholine. VI. Molecular Uniformity of a Single Idiotype among BALB/c Mice

Isolation and Antigenic Characterization of the Product of a Third Polymorphic H-2 Locus, H-2L

Prolongation of Organ Allograft Survival by Syngeneic Lymphoid Cells

Target Antigens of Cell-Mediated Lympholysis Discrimination of HLA Subtypes by Cytotoxic Lymphocytes

Effect of Ultraviolet Light on Dinitrochlorobenzene-Specific Antigen-Presenting Function

Cellular and Genetic Control of Antibody Responses in Vitro. IV. Expression of la Antigens on Accessory Cells Required for Responses to Soluble Antigens Including a Response under Ir Gene Control
Continued from page 3

B. Wolf and S.-S. Wang 1510 Double Expression of V\textsubscript{H} Region a2 and a3 Allotypes in Individual Rabbit Lymphocytes

D. M. Gibson, B. A. Taylor, and M. Cherry 1585 Evidence for Close Linkage of a Mouse Light Chain Marker with the LY-2,3 Locus

---

**IMMUNOPATHOLOGY**

A. R. E. Anwar and A. B. Kay 1245 Enhancement of Human Eosinophil Complement Receptors by Pharmacologic Mediators


L. H. Block, D. Aloni, D. Biemesderfer, M. Kashgarian, and M. W. Bitensky 1416 Macrophage Migration Inhibition Factor: Interactions with Calcium, Magnesium, and Cyclic AMP

---

**TUMOR IMMUNOLOGY**

J. P. Leung, E. F. Plow, R. M. Nakamura, and T. S. Edgington 1287 A Glycoprotein Set Specifically Associated with the Surface and Cytosol of Human Breast Carcinoma Cells

J. A. Katzmann 1405 Myeloma-Induced Immunosuppression: A Multistep Mechanism


H. Fujiwara, H. Aoki, T. Tsuchida, and T. Hamaoka 1591 Immunologic Characterization of Tumor-Associated Transplantation Antigens on MM102 Mammary Tumor Eliciting Preferentially Helper T Cell Activity

---

**VIRAL AND MICROBIAL IMMUNOLOGY**

L. L. Smrkovski and G. T. Strickland 1257 Rodent Malaria: BCG-Induced Protection and Immunosuppression

M. V. Doyle and M. B. A. Oldstone 1262 Interactions between Viruses and Lymphocytes. I. In Vivo Replication of Lymphocytic Choriomeningitis Virus in Mononuclear Cells during Both Chronic and Acute Viral Infections

R. L. Hirsch, D. E. Griffin, and J. A. Winkelstein 1276 The Effect of Complement Depletion on the Course of Sindbis Virus Infection in Mice

J. T. Hicks, F. A. Ennis, E. Kim, and M. Verbonitz 1437 The Importance of an Intact Complement Pathway in Recovery from a Primary Viral Infection: Influenza in Decomplemented and in C5-Deficient Mice

B. J. Mills and N. R. Cooper 1549 Antibody-Independent Neutralization of Vesicular Stomatitis Virus by Human Complement. I. Complement Requirements

---

**COMMUNICATION**

U. Krzych, H. R. Strausser, J. B. Bressler, and A. L. Goldstein 1603 Quantitative Differences in Immune Responses during the Various Stages of the Estrous Cycle in Female BALB/c Mice


D. H. Sachs 1625 Report of Ia Nomenclature Workshop Session

Announcements 1627

Author Index 1630