This information is current as of April 16, 2017.

126 (1)

J Immunol 1981; 126:1-389; ;
http://www.jimmunol.org/content/126/1.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

#### CELLULAR IMMUNOLOGY

<table>
<thead>
<tr>
<th>Authors</th>
<th>Pages</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>M. G. Goodman and W. O. Weigle</td>
<td>20</td>
<td>Nonspecific Activation of Murine Lymphocytes. VII. Functional Correlates of Molecular Structure of Thiol Compounds</td>
</tr>
<tr>
<td>B. L. Pike, F. L. Battye, and G. J. V. Nossal</td>
<td>89</td>
<td>Effect of Hapten Valency and Carrier Composition on the Tolerogenic Potential of Hapten-Protein Conjugates</td>
</tr>
<tr>
<td>H. Narimatsu and K. Saito</td>
<td>95</td>
<td>Murine T Cell Lines That Help Induction and Generation of Allospecific Cytotoxic T Cells from Thymocytes</td>
</tr>
<tr>
<td>B. Mantovani</td>
<td>127</td>
<td>Phagocytosis of Immune Complexes Mediated by IgM and C3 Receptors by Macrophages from Mice Treated with Glycogen</td>
</tr>
<tr>
<td>R. Ward and H. Kohler</td>
<td>146</td>
<td>Regulation of Clones Responding to Dextran B1355S. II. Response of T-Dependent and T-Independent Precursors</td>
</tr>
<tr>
<td>L. Nash, R. A. Good, A. Hatzfeld, G. Goldstein, and G. S. Incelfy</td>
<td>90</td>
<td>The Effect of Growth Hormone and Insulin upon MLC Responses and the Generation of Cytotoxic Lymphocytes</td>
</tr>
<tr>
<td>C. A. Nacey, E. J. Leonard, and M. S. Meltzer</td>
<td>204</td>
<td>Mechanism of Cell-Mediated Cytotoxicity at the Single Cell Level. III. Evidence that Cytotoxic T Lymphocytes Lyse Both Antigen-Specific and -Nonspecific Targets Pretreated with Lectins or Periodate</td>
</tr>
<tr>
<td>T. P. Bradley and B. Bonavida</td>
<td>240</td>
<td>Alioreactive Cloned T Cell Lines. II. Polyclonal Stimulation of B Cells by a Cloned Helper T Cell Line</td>
</tr>
<tr>
<td>A. L. Glasebrook, J. Quintans, L. Eisenberg, and F. W. Fitch</td>
<td>256</td>
<td>Studies on the Induction and Expression of T Cell-Mediated Immunity. XI. Inhibition of the “Lethal Hit” in T Cell-Mediated Cytotoxicity by Heterologous Rat Antiserum Made against Alloimmune Cytotoxic T Lymphocytes</td>
</tr>
<tr>
<td>J. C. Hiserodt and B. Bonavida</td>
<td>263</td>
<td>Regulation of Macrophage Populations. II. Synthesis and Expression of la Antigens by Peritoneal Exudate Macrophages is a Transient Event</td>
</tr>
<tr>
<td>D. I. Beller and E. R. Unanue</td>
<td>286</td>
<td>Antigen Presentation by Guinea Pig Alveolar Macrophages</td>
</tr>
<tr>
<td>M. F. Lipscomb, G. B. Toews, C. R. Lyons, and J. W. Uhr</td>
<td>359</td>
<td>Cross-Reaction of a Rat-Anti-Mouse Phagocyte-Specific Monoclonal Antibody (Anti-Mac-1) with Human Monocytes and Natural Killer Cells</td>
</tr>
<tr>
<td>K. A. Ault and T. A. Springer</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### CLINICAL IMMUNOLOGY

<table>
<thead>
<tr>
<th>Authors</th>
<th>Pages</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>L. Pearson and R. W. Lightfoot, Jr.</td>
<td>16</td>
<td>Correlation of DNA-Anti-DNA Association Rates with Clinical Activity in Systemic Lupus Erythematosus (SLE)</td>
</tr>
<tr>
<td>A. R. Hayward and J. Kurnick</td>
<td>50</td>
<td>Newborn T Cell Suppression: Early Appearance, Maintenance in Culture, and Lack of Growth Factor Suppression</td>
</tr>
<tr>
<td>W. Borkowsky, P. Suleski, N. Bhardwaj, and H. S. Lawrence</td>
<td>80</td>
<td>Antigen-Specific Activity of Murine Leukocyte Dialysates Containing Transfer Factor on Human Leukocytes in the Leukocyte Migration Inhibition (LMI) Assay</td>
</tr>
<tr>
<td>C. S. Abramson, J. H. Kersey, and T. W. LeBien</td>
<td>83</td>
<td>A Monoclonal Antibody (BA-1) Reactive with Cells of Human B Lymphocyte Lineage</td>
</tr>
<tr>
<td>H. M. Gebel, P. A. Radaj, D. Holmes, B. D. Schwartz, and G. E. Rodey</td>
<td>118</td>
<td>Functional Characteristics of T&lt;sub&gt;α&lt;/sub&gt; and T&lt;sub&gt;non&lt;/sub&gt;&lt;sup&gt;α&lt;/sup&gt; Cells in a Three Party MLR</td>
</tr>
<tr>
<td>T. Miyawaki, N. Moriya, T. Nagaki, M. Kubo, T. Yokoi, and N. Taniguchi</td>
<td>282</td>
<td>Mode of Action of Humoral Suppressor Factor Derived from Pokeweed Mitogen-Stimulated Cord T Cells on Adult B Cell Differentiation</td>
</tr>
<tr>
<td>D. A. Carson, J. Kaye, and D. B. Wasson</td>
<td>348</td>
<td>The Potential Importance of Soluble Deoxynucleotidase Activity in Mediating Deoxyadenosine Toxicity in Human Lymphoblasts</td>
</tr>
</tbody>
</table>

*continued on page 4*
H. A. Schenkein and S. Ruddy | 7 | The Role of Immunoglobulins in Alternative Complement Pathway Activation by Zymosan. I. Human IgG with Specificity for Zymosan Enhances Alternative Complement Pathway Activation by Zymosan

H. A. Schenkein and S. Ruddy | 11 | The Role of Immunoglobulins in Alternative Complement Pathway Activation by Zymosan. II. The Effect of IgG on the Kinetics of the Alternative Pathway

R. Sitia, E. M. Rabellino, M. Sockell, and U. Hammerling | 107 | A Spatial Association between Membrane IgD and the Receptor for C3b (CR1) at the Cell Surface of Murine B Lymphocytes

D. M. Segal, S. O. Sharrow, J. F. Jones, and R. P. Siraganian | 138 | Fc (IgG) Receptors on Rat Basophilic Leukemia Cells

R. A. Johanson, A. R. Shaw, and M. Schlamowitz | 194 | Evidence That the Cu2 Domain of IgG Contains the Recognition Unit for Binding by the Fetal Rabbit Yolk Sac Membrane Receptor

C. Andrzejewski, Jr., J. Rauch, E. Lafer, B. D. Stollar, and R. S. Schwartz | 226 | Antigen-Binding Diversity and Idiotype Cross-Reactions among Hybridoma Autoantibodies to DNA

J. Burge, A. Nicholson-Weller, and K. F. Austen | 232 | Isolation of C4-Binding Protein from Guinea Pig Plasma and Demonstration of Its Function as a Control Protein of the Classical Complement Pathway C3 Convertase

J. O. Minta | 245 | The Role of Sialic Acid in the Functional Activity and the Hepatic Clearance of CT-INH

J. O. Minta and E. Aziz | 250 | Analysis of the Reactive Site Peptide Bond in CT-Inhibitor by Chemical Modification of Tyrosyl, Lysyl, and Arginyl Residues: The Essential Role of Lysyl Residues in the Functional Activity of CT-INH

H. L. Ploegh, H. T. Orr, and J. L. Strominger | 270 | Biosynthesis and Cell Surface Localization of Nonglycosylated Human Histocompatibility Antigens

---


Y. Hirai, E. Lamoyi, Y. Dohi, and A. Nisonoff | 71 | Regulation of Expression of a Family of Cross-Reactive Idiotypes

L. A. Gill-Pazaris, E. Lamoyi, A. R. Brown, and A. Nisonoff | 75 | Properties of a Minor Cross-Reactive Idiotype Associated with Anti-α1-Azophenylarsenonate Antibodies of A/J Mice

J. A. Marsh, P. O’Hern, and E. Goldberg | 100 | The Role of an X-Linked Gene in the Regulation of Secondary Humoral Response Kinetics to Sperm-Specific LDH-C, Antigen

P. C. Doherty, J. R. Bennink, and P. J. Wettstein | 131 | Negatively Selected H-2ab and H-2ad T Cells Stimulated with Vaccinia Virus Completely Discriminate between Mutant and Wild-Type H-2K Alleles

R. Lieberman, S. Rudikoff, W. Humphrey, Jr., and M. Potter | 172 | Allotypic Forms of Anti-Phosphorylcholine Antibodies


S.-T. Ju and M. E. Dorf | 183 | Idiotype Analysis of Anti-GAT Antibodies. IX. Genetic Mapping of the Gte Idiotype Marker within the IgH-V Locus

C. Raffel and S. Sell | 236 | Surface Immunoglobulin-Bearing Rabbit Lymphocytes Express Both V𝛼 and L Chain Allotypic Determinants

W. J. Hubbard, A. D. Hess, S. Hsia, and D. B. Amos | 292 | The Effects of Electrophoretically "Slow" and "Fast" α-2 Macroglobulin on Mixed Lymphocyte Cultures

K. Ozato and D. H. Sachs | 317 | Monoclonal Antibodies to Mouse MHC Antigens III. Hybridoma Antibodies Reacting to Antigens of the H-2d Haplotype Reveal Genetic Control of Isotype Expression

B. Sredni, H. Y. Tse, C. Chen, and R. H. Schwartz | 341 | Antigen-Specific Clones of Proliferating T Lymphocytes. I. Methodology, Specificity, and MHC Restriction

N. W. Roehm, B. J. Alter, and H. Bach | 353 | Lyt Phenotypes of Alloreactive Precursor and Effector Cytotoxic T Lymphocytes


---

continued on page 5
IMMUNOPATHOLOGY

D. E. Griffin 27 Immunoglobulins in the Cerebrospinal Fluid: Changes during Acute Viral Encephalitis in Mice
E. S. Raveche, O. Alabaster, J. H. Tjio, J. Taurog, and A. D. Steinberg 154 Analysis of NZB Hyperdiploid Spleen Cells
D. English, J. S. Roloff, and J. N. Lukens 165 Regulation of Human Polymorphonuclear Leukocyte Superoxide Release by Cellular Responses to Chemotactic Peptides
K. P. DeBoer, R. Kleinman, and M. Teodorescu 277 Identification and Separation by Bacterial Adherence of Human Lymphocytes That Suppress Natural Cytotoxicity
J. F. Regal and R. J. Pickering 313 C5a-Induced Tracheal Contraction: Effect of an SRS-A Antagonist and Inhibitors of Arachidonate Metabolism

TUMOR IMMUNOLOGY

W. W. Young, Jr., J. M. Durdiik, D. Urdal, S-I. Hakomori, and C. S. Henney 1 Glycolipid Expression in Lymphoma Cell Variants: Chemical Quantity, Immunologic Reactivity, and Correlations with Susceptibility to NK Cells
R. Ciavarra and J. Forman 54 Influence of IgH V-Region Genes on the Growth Kinetics of a Murine B Cell Leukemia (BCL)
J. Mahony, A. Bose, D. Cowdrey, T. Nusair, M. Lei, J. Harris, A. Marks, and R. Baumal 113 A Monoclonal Antiidiotypic Antibody to MOPC 315 IgA Inhibits the Growth of MOPC 315 Myeloma Cells In Vitro
G. Spira, P. Áman, N. Koide, G. Lundin, G. Klein, and K. Hall 122 Cell-Surface Immunoglobulin and Insulin Receptor Expression in an EBV-Negative Lymphoma Cell Line and Its EBV-Converted Sublines
D. Collavo, P. Zanovello, G. Biasi, and L. Chieco-Bianchi 187 T Lymphocyte Tolerance and Early Appearance of Virus-Induced Cell Surface Antigens in Moloney-Murine Leukemia Virus Neonatally Injected Mice
P. D. Greenberg, M. A. Cheever, and A. Fefer 200 Distinct Phenotypic Expression of Immunogenicity and Immunosensitivity in Sublines of a Tumor
R. M. Welsh, K. Karre, M. Hanson, L. A. Kunkel, and R. W. Kiessling 219 Interferon-Mediated Protection of Normal and Tumor Target Cells against Lysis by Mouse Natural Killer Cells
J. V. Giorgi and N. L. Warner 322 Continuous Cytotoxic T Cell Lines Reactive against Murine Plasmacytoma Tumor-Associated Antigens
M. Chun, G. Fernandes, and M. K. Hoffmann 331 Mechanism of NK Cell Activation: Relationship between Qa5+ NK Cells and Lymphocytes
G. Trinchieri, D. Granato, and B. Perussia 335 Interferon-Induced Resistance of Fibroblasts to Cytolysis Mediated by Natural Killer Cells: Specificity and Mechanism
A. C. Morgan, Jr., D. R. Galloway, K. Imai, and R. A. Reisfeld 365 Human Melanoma-Associated Antigens: Role of Carbohydrate in Shedding and Cell Surface Expression
J. M. Zarling, F. H. Bach, and P. C. Kung 375 Sensitization of Lymphocytes against Pooled Allogeneic Cells. II. Characterization of Effector Cells Cytotoxic for Autologous Lymphoblastoid Cell Lines

VIRAL AND MICROBIAL IMMUNOLOGY

F. V. Chisari, K. L. Castle, C. Xavier, and D. S. Anderson 38 Functional Properties of Lymphocyte Subpopulations in Hepatitis B Virus Infection. I. Suppressor Cell Control of T Lymphocyte Responsiveness
J. A. Lyon, J. M. Pratt, R. W. Travis, B. P. Doctor, and J. G. Olenick 134 Use of Monoclonal Antibody to Immunochromically Characterize Variant-Specific Surface Coat Glycoprotein from Trypanosoma rhodesiense
continued from page 5

J. W. Albright and J. F. Albright

M. J. P. Lawman, P. T. Naylor, L. Huang, R. J. Courtney, and B. T. Rouse

J. J. Ellner, G. R. Olds, G. S. Osman, A. E. Kholy, and A. A. F. Mahmoud

R. L. Tarleton and W. M. Kemp

300 Inhibition of Murine Humoral Immune Responses by Substances Derived from Trypanosomes

304 Cell-Mediated Immunity to Herpes Simplex Virus: Induction of Cytotoxic T Lymphocyte Responses by Viral Antigens Incorporated into Liposomes

309 Dichotomies in the Reactivity to Worm Antigen in Human Schistosomiasis mansoni

379 Demonstration of IgG-Fc and C3 Receptors on Adult Schistosoma mansoni

COMMUNICATIONS

H. O. Besedovsky, A. del Rey, and E. Sorkin

E. R. Clough, D. A. Levy, and J. J. Cebra

385 Lymphokine-Containing Supernatants from Con A-Stimulated Cells Increase Corticosterone Blood Levels

387 CBA/N × BALB/cJ F1 Male and Female Mice Can Be Primed to Express Quantitatively Equivalent Secondary Anti-phosphocholine Responses