139 (8)

J Immunol 1987; 139:2511-2841; ;
http://www.jimmunol.org/content/139/8.citation

This information is current as of November 17, 2021.

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
Contents

CELLULAR IMMUNOLOGY

Brian L. Hamilton

L3T4-Positive T Cells Participate in the Induction of Graft-vs-Host Disease in Response to Minor Histocompatibility Antigens


Glucocorticoids Suppress Calcium Mobilization and Phospholipid Hydrolysis in Anti-Ig Antibody-Stimulated B Cells

A. T. J. Bianchi, M. W. SChillham, R. Benner, P. Young, and I. Lefkovits

In Vivo Priming of Helper and Suppressor T Cells by Alloantigens: Frequency Analysis with the Use of In Vitro Limiting Dilution Assay

K. M. Abraham and J. M. Teale

The Contribution of Parasite-Specific T Cells to Isotype Restriction in Metostostodes corti-infected Mice


Regulation of Murine IgE Production in SJA/9 and Nude Mice: Potentiation of IgE Production by Recombinant Interleukin 4


Mechanism of Inhibition and Induction of Cytolytic Activity in Cytotoxic T Lymphocytes by CD3 Monoclonal Antibodies

S. Shimada, S. W. CAUGHMAN, S. O. SHARROW, D. Stepahy, and S. I. Katz

Enhanced Antigen-Presenting Capacity of Cultured Langerhans' Cells Is Associated with Markedly Increased Expression of La Antigen

T. Hamano, Y. Murata, T. Yamazaki, Y. Yasuda, T. Iwasaki, and K. Nagai

Establishment of an Antigen-Specific B Cell Clone by Somatic Hybridization

G. D. Powers and R. A. Miller

Antigen Presentation by Hapten-Specific B Lymphocytes. V. Requirements for Activation of Antigen-Presenting B Cells


Heterogeneity among T Helper Cells: Interleukin 2 Secretion and Help for Immunoglobulin Secretion

D. Liano and A. K. Abbas

Monoclonal Antibodies to CD2 and Lymphocyte Function-Associated Antigen 3 Inhibit Human Thymic Epithelial Cell-Dependent Mature Thymocyte Activation

J. L. Rodriguez-Sanchez, C. Gelpi, C. Juarez, and J. A. Hardin

Anti-NOR 90: A New Autoantibody in Scleroderma That Recognizes a 90-kDa Component of the Nucleolus-Organizing Region of Chromatin

R. Pardi, J. R. Bender, and E. G. ENGLEMAN

Lymphocyte Subsets Differentially Induce Class II Human Leukocyte Antigens on Allogeneic Microvascular Endothelial Cells


Production of Cytotoxic Factor for Oligodendrocytes by Stimulated Astrocytes

CLINICAL IMMUNOLOGY • IMMUNOPATHOLOGY

J. L. Rodriguez-Sanchez, C. Gelpi, C. Juarez, and J. A. Hardin

Anti-NOR 90: A New Autoantibody in Scleroderma That Recognizes a 90-kDa Component of the Nucleolus-Organizing Region of Chromatin

R. Pardi, J. R. Bender, and E. G. Engleman

Lymphocyte Subsets Differentially Induce Class II Human Leukocyte Antigens on Allogeneic Microvascular Endothelial Cells


Production of Cytotoxic Factor for Oligodendrocytes by Stimulated Astrocytes

Continued on page 4
Lupus Anticoagulant and Antiplatelet Properties of Human Hybridoma Autoantibodies

Fibrin Deposition in IgE-Dependent Immediate Hypersensitivity Reactions in Mouse Skin: Demonstration of the Role of Mast Cells Using Genetically Mast Cell-Deficient Mice Locally Reconstituted with Cultured Mast Cells

Myasthenogenicity of Human Acetylcholine Receptor Synthetic α-Subunit Peptide 125-147 Does Not Require Intramolecular Disulfide Cyclization

Lymphokine-Mediated Induction of Antigen-Presenting Ability in Thymic Stromal Cells

A Monoclonal Antibody Raised to Tumor-Specific T Cell-Derived Suppressor Factors also Recognizes T Suppressor Inducer Factors of the 4-Hydroxy-3-nitrophenyl Acetyl Hapten Suppressor Network

C5a Induction of Human Interleukin 1: Synergistic Effect with Endotoxin or Interferon-γ

Interferon-γ, Interferon-α/β, and Tumor Necrosis Factor Differentially Affect Major Histocompatibility Complex Class I Expression in Murine Leukemia Virus-Induced Tumor Cell Lines

Interleukin 1 Stimulates Proliferation of a Nontransformed T Lymphocyte Line in the Absence of a Co-Mitogen

Interleukin 5 and Interleukin 4 Produced by Peyer's Patch T Cells Selectively Enhance Immunoglobulin A Expression

Differential Regulatory Role of Monomorphic and Polymorphic Determinants of Histocompatibility Leukocyte Antigen Class I Antigens in Monoclonal Antibody OKT3-Induced T Cell Proliferation

Rosetting of Human T Lymphocytes with Sheep and Human Erythrocytes: Comparison of Human and Sheep Ligand Binding Using Purified E Receptor

Serologic Cross-Reactivity of T11 Target Structure and Lymphocyte Function-Associated Antigen 3: Evidence for Structural Homology of the Sheep and Human Ligands of CD2

Modulation of the Murine Immune Response to Streptococcal Group A Carbohydrate by Immunization with Monoclonal Anti-Idiotope

T Cell Antigen Receptor Phosphorylation Induced by an Anti-Receptor Antibody

Immunoglobulin Chain Recombination among Antidigoxin Antibodies by Hybridoma-Hybridoma Fusion

Continued on page 5
**IMMUNOPHARMACOLOGY**

2724 Detection and Partial Characterization of a Human Mast Cell Carboxypeptidase

H. Shinomiya and M. Nakano  
2730 Calcium Ionophore A23187 Does Not Stimulate Lipopolysaccharide-Nonresponsive C3H/HeJ Peritoneal Macrophages to Produce Interleukin 1

R. J. Natuk and R. M. Welsh  
2737 Chemotactic Effect of Human Recombinant Interleukin 2 on Mouse Activated Large Granular Lymphocytes

P. C. Atkins, G. Miragliotta, S. F. Talbot, B. Zweiman, and A. P. Kaplan  
2744 Activation of Plasma Hageman Factor and Kallikrein in Ongoing Allergic Reactions in the Skin

R. D. Pearson, P. Symes, M. Conboy, A. W. Weiss, and E. L. Hewlett  
2749 Inhibition of Monocyte Oxidative Responses by Bordetella pertussis Adenylate Cyclase Toxin

B. Manager, A. Weiss, J. Imboden, T. Laing, and J. D. Stobo  
2755 The Role of Protein Kinase C in Transmembrane Signaling by the T Cell Antigen Receptor Complex: Effects of Stimulation with Soluble or Immobilized CD3 Antibodies

**MICROBIAL IMMUNOLOGY**

J. Y. Djeu and D. K. Blanchard  
2761 Regulation of Human Polymorphonuclear Neutrophil (PMN) Activity against Candida albicans by Large Granular Lymphocytes via Release of a PMN-Activating Factor

J. D. Chulay, J. A. Lyon, J. D. Haynes, A. I. Meieroviccs, C. T. Atkinson, and M. Aikawa  
2768 Monoclonal Antibody Characterization of Plasmodium falciparum Antigens in Immune Complexes Formed When Schizonts Rupture in the Presence of Large Granular Lymphocytes

M. M. Ward, R. E. Ward, J.-H. Huang, and H. Kohler  
2775 Idiotope Vaccine against Streptococcus pneumoniae: A Precursor Study

2781 The Immune Response to Schistosoma mansoni Infections in Inbred Rats. VI. Regulation by T Cell Subpopulations

S. Yasumoto, Y. Hayashi, and L. Auerlian  
2788 Immunity to Herpes Simplex Virus Type 2: Suppression of Virus-Induced Immune Responses in Ultraviolet B-Irradiated Mice

R. Hussain, M. Grogl, and E. A. Ottesen  
2794 IgG Antibody Subclasses in Human Filariasis: Differential Subclass Recognition of Parasite Antigens Correlates with Different Clinical Manifestations of Infection

S. H. Oh, S. Bandyopadhyay, D. S. Miller, and S. E. Starr  
2799 Cooperation between CD16 (Leu-11b)+ NK Cells and HLA-DR+ Cells in Natural Killing of Herpesvirus-Infected Fibroblasts

**MOLECULAR BIOLOGY • MOLECULAR GENETICS**

H. Nakauchi, H. Osada, H. Yagita, and K. Okumura  
2803 Molecular Evidence That SJL Reticulum Cell Sarcomas Are Derived from Pre-B Cell: Clonal Rearrangement of Heavy Chain But Not of Light Chain Immunoglobulin Genes

S. Yokota, D. Yuan, T. Katagiri, R. A. Eisenberg, P. L. Cohen, and J. P.-Y. Ting  
2810 The Expression and Regulation of c-myb Transcription of B6/1pr Lyt-2-, L3T4+ T Lymphocytes

2818 Genetic Analysis of the H-2D Region Using a New Intra-D-Region Recombinant Mouse Strain

Continued on page 6
<table>
<thead>
<tr>
<th>Author(s)</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>M. J. Campbell, W. Carroll, S. Kon, K. Thielemans, J. B. Rothbard, S. Levy, and R. Levy</td>
<td>2825</td>
</tr>
<tr>
<td>L. E. Lambert and D. M. Paulnock</td>
<td>2834</td>
</tr>
<tr>
<td>Erratum</td>
<td>2842</td>
</tr>
<tr>
<td>Author Index</td>
<td>2843</td>
</tr>
</tbody>
</table>

Idiotype Vaccination against Murine B Cell Lymphoma: Humoral and Cellular Responses Elicited by Tumor-Derived Immunoglobulin M and Its Molecular Subunits

Modulation of Macrophage Function by γ-Irradiation: Acquisition of the Primed Cell Intermediate Stage of the Macrophage Tumoricidal Activation Pathway