This information is current as of April 15, 2017.

137 (6)

J Immunol 1986; 137:1751-2064;
http://www.jimmunol.org/content/137/6.citation

---

**Subscription**  
Information about subscribing to *The Journal of Immunology* is online at:  
[http://jimmunol.org/subscription](http://jimmunol.org/subscription)

**Permissions**  
Submit copyright permission requests at:  
[http://www.aai.org/About/Publications/JI/copyright.html](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](http://jimmunol.org/alerts)
## Contents

### CELLULAR IMMUNOLOGY

<table>
<thead>
<tr>
<th>Author(s)</th>
<th>Page</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>G. C. Koo and C. L. Manyak</td>
<td>1751</td>
<td>Generation of Cytotoxic Cells from Murine Bone Marrow by Human Recombinant IL 2</td>
</tr>
<tr>
<td>J. L. Hurwitz, E. C. McAndrews, and P. C. Doherty</td>
<td>1757</td>
<td>Anti-Thy-1 Plus Complement-Treated, Cultured Bone Marrow Cells Resemble Fetal Thymocytes in Killer Cell Function and Marker Expression</td>
</tr>
<tr>
<td>Y. Ron, D. Lo, and J. Sprent</td>
<td>1764</td>
<td>T Cell Specificity in Twice-Irradiated F1 → Parent Bone Marrow Chimeras: Failure to Detect a Role for Immigrant Marrow-Derived Cells in Imprinting Intrathymic H-2 Restriction</td>
</tr>
<tr>
<td>D. Lo and J. Sprent</td>
<td>1772</td>
<td>Exogenous Control of 1-A Expression in Fetal Thymus Explants</td>
</tr>
<tr>
<td>D. P. Huston, G. Tavana, R. R. Rich, and S. E. Gressens</td>
<td>1776</td>
<td>Regulation of Primary Cytotoxic T Lymphocyte Responses Generated during Mixed Leukocyte Culture with H-2d Identical Qa-1-Disparate Cells</td>
</tr>
<tr>
<td>M. Hurme, K. Varkila, and M. Sihvola</td>
<td>1782</td>
<td>Induction of TNP-Specific Cytotoxic T Lymphocyte Memory in Vivo in the Absence of T Helper Cell Activity</td>
</tr>
<tr>
<td>J. W. Rohrer and J. D. Kemp</td>
<td>1786</td>
<td>Immunoglobulin-Dependent Helper T Cells: Studies in the MOPC-315 System Suggest a Novel Surface Antigen Phenotype</td>
</tr>
<tr>
<td>E. C. Snow, J. J. Mond, and B. Subbarao</td>
<td>1793</td>
<td>Enhancement by Monoclonal Anti-Lyb-2 Antibody of Antigen-Specific T Lymphocyte Expansion Stimulated by TNP-Ficoll and T Lymphocyte-Derived Factors</td>
</tr>
<tr>
<td>L. G. Simpson and P. C. Isakson</td>
<td>1797</td>
<td>Role of DNA Synthesis in Secretion of Immunoglobulin from Murine B Cells Stimulated by T Cell Derived Lymphokines</td>
</tr>
<tr>
<td>D. Rubinstein, A. K. Roska, and P. E. Lipsky</td>
<td>1803</td>
<td>Liver Sinusoidal Lining Cells Express Class II Major Histocompatibility Antigens But Are Poor Stimulators of Fresh Allogeneic T Lymphocytes</td>
</tr>
<tr>
<td>D. E. Griswold, S. Alessi, A. M. Badger, G. Poste, and N. Hanna</td>
<td>1811</td>
<td>Differential Sensitivity of T Suppressor Cell Expression to Inhibition by Histamine Type 2 Receptor Antagonists</td>
</tr>
<tr>
<td>J. L. Ceuppens and M. L. Barroja</td>
<td>1816</td>
<td>Monoclonal Antibodies to the CD5 Antigen Can Provide the Necessary Second Signal for Activation of Isolated Resting T Cells by Solid-Phase-Bound OKT3</td>
</tr>
<tr>
<td>W. Ptak, D. R. Green, and P. Flood</td>
<td>1822</td>
<td>Cellular Interactions in the Adoptive Transfer of Contact Sensitivity: Characterization of an Antigen-Nonspecific Vicia villosa-Adherent T Cell Needed for Adoptive Transfer into Naive Recipients</td>
</tr>
<tr>
<td>P. Flood, W. Ptak, and D. R. Green</td>
<td>1829</td>
<td>Mechanism of Action of a T Suppressor Factor (TsF) in Contact Sensitivity: The T Cell Target for TsF Activity in Adoptive Transfer of Immunity Is Not the Effector Cell</td>
</tr>
<tr>
<td>J. LaBaer, R. Y. Tsien, K. A. Fahey, and A. L. DeFranco</td>
<td>1836</td>
<td>Stimulation of the Antigen Receptor on WEHI-231 B Lymphoma Cells Results in a Voltage-Independent Increase in Cytoplasmic Calcium</td>
</tr>
</tbody>
</table>

### CLINICAL IMMUNOLOGY • IMMUNOPATHOLOGY

<table>
<thead>
<tr>
<th>Author(s)</th>
<th>Page</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>P. Christadoss, J. M. Lindstrom, N. Talal, C. R. Duvin, A. Kalaantri, and M. Shenoy</td>
<td>1845</td>
<td>Immune Response Gene Control of Lymphocyte Proliferation Induced by Acetylcholine Receptor-Specific Helper Factor Derived from Lymphocytes of Myasthenic Mice</td>
</tr>
</tbody>
</table>

Continued on page 4
B. A. Woda and C. A. Biron 1860 Natural Killer Cell Number and Function in the Spontaneously Diabetic BB/W Rat

C. A. Laskin, G. Haddad, and C. A. Soloninka 1867 The Regulatory Role of NZB T Lymphocyte in the Production of Anti-DNA Antibodies in Vitro

J. L. M. Ferrara, A. Marion, J. F. McIntyre, G. F. Murphy, and S. J. Burakoff 1874 Amelioration of Acute Graft vs Host Disease Due to Minor Histocompatibility Antigens by in Vivo Administration of Anti-Interleukin 2 Receptor Antibody

**CYTOKINES • MEDIATORS • REGULATORY MOLECULES**

R. S. Yamamoto, C. F. Ware, and G. A. Granger 1878 The Human LT System. XI. Identification of LT and “TNF-like” LT Forms from Stimulated Natural Killers, Specific and Nonspecific Cytotoxic Human T Cells in Vitro

M. Kobayashi, J. M. Plunkett, I. K. Masunaka, R. S. Yamamoto, and G. A. Granger 1885 The Human LT System. XII. Purification and Functional Studies of LT and “TNF-like” LT Forms from a Continuous Human T Cell Line

J. S. Pober, M. A. Gimbrone, Jr., L. A. Lapierre, D. L. Mendrick, W. Fiers, R. Rothlein, and T. A. Springer 1893 Overlapping Patterns of Activation of Human Endothelial Cells by Interleukin 1, Tumor Necrosis Factor, and Immune Interferon

L. Borish, D. O'Reilly, M. S. Klemper, and R. E. Rocklin 1897 Leukocyte Inhibitory Factor (LIF) Potentiates Neutrophil Responses to Formyl-Methionyl-Leucyl-Phenylalanine

C. W. Turck, J. A. Kapp, and D. R. Webb 1904 Structural Analyses of a Monoclonal Heterodimeric Suppressor Factor Specific for L-Glutamic acidβ,γ-Alanineα-α-Tyrosineβ

**IMMUNOCHEMISTRY**

E. F. Plow and T. S. Edgington 1910 Lymphocyte Suppressive Peptides from Fibrinogen Are Derived Predominantly from the Aα Chain

J. S. Peacock, T. R. Londo, D. A. Roess, and B. G. Barisas 1916 Biologic Activity of Antigen Receptors Artificially Incorporated onto B Lymphocytes

T. R. Londo, J. S. Peacock, D. A. Roess, and B. G. Barisas 1924 Lateral Diffusion of Antigen Receptors Artificially Incorporated onto B Lymphocytes

J. M. Pesando, L. Graf, and P. Hoffman 1932 HLA-DP Can Be Expressed with or without -DR Molecules on a Malignant B Cell Line

F. J. Stevens, J. Jwo, W. Carperos, H. Köhler, and M. Schiffer 1937 Relationships between Liquid- and Solid-Phase Antibody Association Characteristics: Implications for the Use of Competitive ELISA Techniques to Map the Spatial Location of idiotopes

H. Schafer, D. Mathey, F. Hugo, and S. Bhakdi 1945 Deposition of the Terminal C5b-9 Complement Complex in Infarcted Areas of Human Myocardium

J. Tschopp, D. Masson, and S. Schafer 1950 Inhibition of the Lytic Activity of Perforin by Lipoproteins

**IMMUNOPHARMACOLOGY**

T. Meshulam, P. Proto, R. D. Diamond, and D. A. Melnick 1954 Calcium Modulation and Chemotactic Response: Divergent Stimulation of Neutrophil Chemotaxis and Cytosolic Calcium Response by the Chemotactic Peptide Receptor

D. E. Feltner, R. H. Smith, and W. A. Marasco 1961 Characterization of the Plasma Membrane Bound GTPase from Rabbit Neutrophils. I. Evidence for an N-like Protein Coupled to the Formyl Peptide, C5α, and Leukotriene B4 Chemotaxis Receptors


*Continued on page 5*
Continued from page 4

S. S. Graves, J. Bramhall, and B. Bonavida 1977 Studies on the Lethal Hit Stage of Natural Killer Cell-Mediated Cytotoxicity. I. Both Phorbol Ester and Ionophore Are Required for Release of Natural Killer Cytotoxic Factors (NKCF), Suggesting a Role for Protein Kinase C Activity


Y. Wei, K. Heghjinian, R. L. Bell, and B. A. Jakschik 1993 Contribution of Macrophages to Immediate Hypersensitivity Reaction


MICROBIAL IMMUNOLOGY

R. Correa-Oliveira, S. L. James, D. McCall, and A. Sher 2014 Identification of a Genetic Locus, Rsm-1, Controlling Protective Immunity against Schistosoma mansoni

J. V. Weinstock and J. Kassab 2020 Chemotactic Response Of Splenic Mononuclear Cells to Angiotensin II in Murine Schistosomiasis

W. G. Powderly, G. B. Pier, and R. B. Markham 2025 In Vitro T Cell-Mediated Killing of Pseudomonas aeruginosa. IV. Nonresponsiveness in Polysaccharide-Immunized BALB/c Mice Is Attributable to Vinblastine-Sensitive Suppressor T Cells

D. R. Blanco, J. D. Radolf, M. A. Lovett, and J. N. Miller 2031 Correlation of Treponemicidal Activity in Normal Human Serum with the Presence of IgG Antibody Directed against Polypeptides of Treponema phagedenis Biotype Reiter and Treponema pallidum, Nichols Strain

MOLECULAR BIOLOGY • MOLECULAR GENETICS


TUMOR IMMUNOLOGY

J. M. Greenberg, T. Quertermous, J. G. Seidman, and J. H. Kersey 2043 Human T Cell γ-Chain Gene Rearrangements in Acute Lymphoid and Nonlymphoid Leukemia: Comparison with the T Cell Receptor β-Chain Gene

D. Piatier-Tonneau, P. Turmel, C. Auffray, and D. Charron 2050 Construction of Chain- and Locus-Specific HLA Class II DNA Probes. Study of HLA-Class II Transcripts in Leukemias

J. R. Medoff, V. D. Clack, and J. K. Roche 2057 Characterization of an Immunosuppressive Factor from Malignant Ascites That Resembles a Factor Induced in Vitro by Carcinoembryonic Antigen

Announcements 2065

Erratum 2067

Author Index 2068