This information is current as of April 14, 2017.
The Journal of Immunology

Volume 136/Number 6

Contents

CELLULAR IMMUNOLOGY

C. Hua, C. Boyer, A. Guimezanes, F. Albert and A.-M. Schmitt-Verhuis 1927 Analysis of T Cell Activation Requirements with the Use of Alloantigens or an Anti-Clonotypic Monoclonal Antibody

C. Hua, C. Boyer, M. Bufurane, and A.-M. Schmitt-Verhuis 1937 Monoclonal Antibodies against an H-2K-Specific Cytotoxic T Cell Clone: Detect Several Clone-Specific Molecules

D. A. Fox, S. F. Schlossman, and E. L. Reinherz 1945 Regulation of the Alternative Pathway of T Cell Activation by Anti-T3 Monoclonal Antibody

H. Kotani, H. Mitsuya, R. F. Jarrett, G. G. Yenokida, S. P. James, and W. Strober 1951 An Autoimmune T Cell that Can Be Activated to Provide both Helper and Suppressor Function


H. M. Etlinger and C. H. Heusser 1988 T15 Dominance in BALB/c Mice Is Not Controlled by Environmental Factors

E. M. Rinchik and D. B. Amos 1992 A Mutation in a Non-MHC Mouse Cell Surface Antigen Detectable by Cytotoxic T Lymphocytes

P. Lang, M. Dardenne, W. Savine, S. Moritz, and G. Shearer 1999 Cytotoxic T Cell Response and Thymic Hormonal Dysfunction in Graft-vs-Host Mice

J. D. Reynolds 2005 Evidence of Extensive Lymphocyte Death in Sheep Peyer's Patches. I. A Comparison of Lymphocyte Production and Export

R. Pabst and J. D. Reynolds 2011 Evidence of Extensive Lymphocyte Death in Sheep Peyer's Patches. II. The Number and Fate of Newly-Formed Lymphocytes that Emirate from Peyer's Patches

Y. A. Mekori, H. F. Dvorak, and S. J. Galli 2018 125I-Fibrin Deposition in Contact Sensitivity Reactions in the Mouse. Sensitivity of the Assay for Quantitating Reactions after Active or Passive Sensitization

D. Gay, C. Coestott, W. Golde, J. Kappler, and P. Marrack 2026 The Major Histocompatibility Complex-Restricted Antigen Receptor on T Cells. IX. Rose of Accessory Molecules in Recognition of Antigen Plus Isolated IA

A. B. Reske-Kunz, K. Reske, and E. Rude 2033 Cloned Murine IA" BK-BI-2.6,6 C T Cells Function as Accessory Cells Presenting Protein Antigens to Long-Term-Cultured Antigen-Specific T Cell Lines

R. J. Parod and J. D. Brain 2041 Immune Opsonin-Independent Phagocytosis by Pulmonary Macrophages

R. J. Parod, J. J. Godleski, and J. D. Brain 2048 Inhibition of Immune Opsonin-Independent Phagocytosis by Antibody to a Pulmonary Macrophage Cell Surface Antigen

H. Yagita, T. Masuko, N. Takanashi, and Y. Hashimoto 2055 Monoclonal Antibodies that Inhibit Activation and Proliferation of Lymphocytes. I. Expression of the Antigen on Monocytes and Activated Lymphocytes

H. Yagita and Y. Hashimoto 2062 Monoclonal Antibodies that Inhibit Activation and Proliferation of Lymphocytes. II. Requisite Role of the Monoclonal Antibody-Defined Antigen Systems in Activation and Proliferation of Human and Rat Lymphocytes

THE JOURNAL OF IMMUNOLOGY (ISSN 0022-1767) is published twice each month by The American Association of Immunologists, 428 East Preston Street, Baltimore, MD 21202. Subscription rates $150 ($205 foreign); institutions $170 ($225 foreign); students $41 ($96 foreign); single copy $8 ($11 foreign). Indexed by Current Contents and Index Medicus. Second class postage paid at Baltimore, MD 21202 and at additional mailing offices. POSTMASTER: Send address changes to The Journal of Immunology at 428 East Preston Street, Baltimore, MD 21202. Copyright © 1986 by The American Association of Immunologists.
Evidence for Existence of Two Distinct TNP-Ficoll-Responsive B Cell Subpopulations Preferentially Reactive either to a T Cell-Replacing Factor (B151-TRF) or to a Signal from Accessory Cells

Surface IgG-Bearing Cells Retain the Capacity to Secrete IgM

Induction of Antigen-Specific Proliferation in Affinity-Purified Small B Lymphocytes: Requirement for BSF-1 by Type 2 but not Type 1 Thymus-Independent Antigens

T Cell Activation of Antigen-Specific Antibody Responses by Large B Cells Is MHC Restricted

Antigen-Specific Functions of a CD4+ Subset of Human T Lymphocytes with Granular Morphology

The Ligand of the Erythrocyte Receptor of T Lymphocytes: Expression on White Blood Cells and Possible Involvement in T Cell Activation


The Role of the Immune Response in TMEV Infection and the Development of Late Onset Demyelination

Suppression of a Pokeweed Mitogen-Stimulated Plaque-Forming Cell Response by a Human B Lymphocyte-Derived Aggregated IgG-Stimulated Suppressor Factor: Suppressive B Cell Factor (SBF)

Decreased Suppressive B Cell Factor in Rheumatoid Arthritis: Evidence for a Defect in B Cell Autoregulation

Identification and Characterization of a B Cell Activation Factor (BCAF) Produced by a Human T Cell Line

Membrane-Associated IL 1-like Activity on Rat Dendritic Cells

Recombinant Interferon-γ Induces Interleukin 2 Receptors on Human Peripheral Blood Monocytes

Regulation of Human Natural Killer Cell Activity by Interferon-γ: Lack of a Role in Interleukin 2-Mediated Augmentation

Interferon-γ-Induced IL-1α Expression in WEHI-3 Cells Is Enhanced by the Presence of 1,25-Dihydroxyvitamin D3
IMMUNOCHEMISTRY

F. Obata, T. Endo, G. Tate, N. Miyokawa, M. Katagiri, and N. Kashiwagi


D. H. Silverman, J. M. Krueger, and M. L. Karnovsky

H. Muller and Jorg Fehr


M. K. Pangburn

2187 Partial N-Terminal Sequence Analysis of DRw53 Antigens: The β-Chains of DRw53 Antigens Are Structurally Distinct from β-Chains of DR and DQ Antigens

2191 Recognition of the α-1 and α-2 Domains of H-2 Molecules by Allospecific Cloned T Cells

2195 Specific Binding Sites for Muramyl Peptides on Murine Macrophages

2202 Binding of C-Reactive Protein to Human Polymorphonuclear Leukocytes: Evidence for Association of Binding Sites with Fc Receptors

2208 C3b Binding, but Not Its Breakdown, Is Affected by the Structure of the O-Antigen Polysaccharide in Lipopolysaccharide from Salmonellae

2216 Differences between the Binding Sites of the Complement Regulatory Proteins DAF, CR1, and Factor H on C3 Convertases

IMMUNOPHARMACOLOGY


D. W. MacGlashan, Jr., S. P. Peters, J. Warner, and L. M. Lichtenstein


2222 Biochemical and Phenotypic Characterization of Human Basophilic Cells Derived from Dispersed Fetal Liver with Murine T Cell Factors

2231 Characteristics of Human Basophil Sulfidopeptide Leukotriene Release: Releasability Defined as the Ability of the Basophil to Respond to Dimeric Cross-Links

2240 Basophil Histamine Release Induced by a Substance from Stimulated Human Platelets

MICROBIAL IMMUNOLOGY

J. A. Lyon and J. D. Haynes

J. A. Lyon, J. D. Haynes, C. L. Diggs, J. D. Chulay, and J. M. Pratt-Rossiter

J. P. Richardson, L. Jenni, R. P. Beecroft and T. W. Pearson

S. L. Reed, J. G. Curd, I. Gigli, F. D. Gillin, A. I. Braude

R. Manjunath, R. F. Graziano, and W. R. Green

C. A. Biron, R. J. Natuk, and R. M. Weish

E. H. Beachey and J. M. Seyer

H. J. Rahmsdorf, N. Harth, A.-M. Eades, M. Litfin, M. Steinmetz, L. Forni, and P. Herrlich

Z. Z. Chen, K. M. Coggleshall, and J. C. Cambier

2245 Plasmodium falciparum Antigens Synthesized by Schizonts and Stabilized at the Merozoite Surface when Schizonts Mature in the Presence of Protease Inhibitors

2252 Plasmodium falciparum Antigens Synthesized by Schizonts and Stabilized at the Merozoite Surface by Antibodies when Schizonts Mature in the Presence of Growth Inhibitory Immune Serum

2259 Procyclic Tsetse Fly Midgut Forms and Culture Forms of African Trypanosomases Share Stage- and Species-Specific Surface Antigens Identified by Monoclonal Antibodies

2265 Activation of Complement by Pathogenic and Nonpathogenic Entamoeba histolytica

2271 The Specificity of H-2-Restricted Cytotoxic T Lymphocytes Directed to AKR/Gross Leukemia Virus-Induced Tumors. III. Coordinate Alterations in Viral gp70 Antigen Expression and Restoration of CTL-Susceptibility to Insusceptible Variant Tumors

2280 Generation of Large Granular T Lymphocytes In Vivo during Viral Infection

2287 Protective and Nonprotective Epitopes of Chemically Synthesized Peptides of the NH2-Terminal Region of Type 6 Streptococcal M Protein

2293 Interferon-γ, Mitomycin C and Cycloheximide as Regulatory Agents of MHC Class II-Associated Invariant Chain Expression

2300 Translocation of Protein Kinase C during Membrane Immunoglobulin-Mediated Transmembrane Signaling in B Lymphocytes

Continued on page 6
## Tumor Immunology

<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>J. A. Roth, R. S. Ames, V. Byers, H. M. Lee, and P. J. Scannon</td>
<td>Monoclonal Antibody 45-2D9 Conjugated to the A Chain of Ricin is Specifically Toxic to C-Ha-ras-Transfected NIH 3T3 Cells Expressing gp75</td>
</tr>
<tr>
<td>W. E. Fogler and I. J. Fidler</td>
<td>The Activation of Tumoricidal Properties in Human Blood Monocytes by Muramyl Dipeptide Requires Specific Intracellular Interaction</td>
</tr>
<tr>
<td>J. I. Allen, S. Ferrone, D. Boue, and N. E. Kay</td>
<td>The Monoclonal Antibody CJA3 Down-Regulates the Susceptibility of Human Tumor Cell Lines to Natural Cell-Mediated Cytotoxicity</td>
</tr>
<tr>
<td>S. D. Somers, and D. O. Adams</td>
<td>Enhancement of Selective Tumor Cell Binding by Activated Murine Macrophages in Response to Phorbol Myristate Acetate</td>
</tr>
</tbody>
</table>

## Erratum

<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>P. J. Lammie, A. I. Michael, M. B. Prystowsky, G. P. Linette, and S. M. Phillips</td>
<td>Production of a Fibroblast-Stimulating Factor by Schistosoma mansoni Antigen-Reactive T Cell Clones</td>
</tr>
<tr>
<td>Announcement</td>
<td>2333</td>
</tr>
<tr>
<td>Obituary</td>
<td>2334</td>
</tr>
<tr>
<td>Letter to the Editor</td>
<td>2335</td>
</tr>
<tr>
<td>Author Index</td>
<td>2337</td>
</tr>
</tbody>
</table>