This information is current as of April 14, 2017.
## Contents

### CELLULAR IMMUNOLOGY

<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Analysis of T Cell Activation Requirements with the Use of Alloantigens or an Anti-Clonotypic Monoclonal Antibody</td>
<td>1927</td>
</tr>
<tr>
<td>Monoclonal Antibodies against an H-2K-Specific Cytotoxic T Cell Clone Detect Several Clone-Specific Molecules</td>
<td>1937</td>
</tr>
<tr>
<td>Regulation of the Alternative Pathway of T Cell Activation by Anti-T3 Monoclonal Antibody</td>
<td>1945</td>
</tr>
<tr>
<td>An Autoreactive T Cell that Can Be Activated to Provide both Helper and Suppressor Functions</td>
<td>1951</td>
</tr>
<tr>
<td>Study of Idiotypic Suppression Induced by Anti-Cross-Reactive Idiotype Monoclonal Antibody in the Anti-p-Azophenylarsonate Antibody Response</td>
<td>1960</td>
</tr>
<tr>
<td>Anti-Idiotype Treatment of BALB/c Mice Induces CRL-Bearing Suppressor Cells with Altered IgG-Restricted Function</td>
<td>1968</td>
</tr>
<tr>
<td>Immunoregulation by T Cells. I. Characterization of the IEK-Specific Lbd Self-Reactive T Cell Clone That Helps, Suppresses, and Contrasuppresses B Cell Responses</td>
<td>1974</td>
</tr>
<tr>
<td>Induction of Suppression by a Murine Nonspecific Suppressor-Inducer Cell Line (MI-A5). II. The Role of Prostaglandins</td>
<td>1982</td>
</tr>
<tr>
<td>T15 Dominance in BALB/c Mice Is Not Controlled by Environmental Factors</td>
<td>1988</td>
</tr>
<tr>
<td>A Mutation in a Non-MHC Murine Cell Surface Antigen Detectable by Cytotoxic T Lymphocytes</td>
<td>1992</td>
</tr>
<tr>
<td>Cytotoxic T Cell Response and Thymic Hormonal Dysfunction in Graft-vs-Host Mice</td>
<td>1999</td>
</tr>
<tr>
<td>Evidence of Extensive Lymphocyte Death in Sheep Peyer’s Patches. I. A Comparison of Lymphocyte Production and Export</td>
<td>2005</td>
</tr>
<tr>
<td>Evidence of Extensive Lymphocyte Death in Sheep Peyer’s Patches. II. The Number and Fate of Newly-Formed Lymphocytes that Emigrate from Peyer’s Patches</td>
<td>2011</td>
</tr>
<tr>
<td>125I-Fibrin Deposition in Contact Sensitivity Reactions in the Mouse. Sensitivity of the Assay for Quantitating Reactions after Active or Passive Sensitization</td>
<td>2018</td>
</tr>
<tr>
<td>The Major Histocompatibility Complex-Restricted Antigen Receptor on T Cells. IX. Rose of Accessory Molecules in Recognition of Antigen Plus Isolated Ia</td>
<td>2026</td>
</tr>
<tr>
<td>Cloned Murine Ia+ BK-BI-2.6.C6 T Cells Function as Accessory Cells Presenting Protein Antigens to Long-Term-Cultured Antigen-Specific T Cell Lines</td>
<td>2033</td>
</tr>
<tr>
<td>Immune Opsonin-Independent Phagocytosis by Pulmonary Macrophages</td>
<td>2041</td>
</tr>
<tr>
<td>Inhibition of Immune Opsonin-Independent Phagocytosis by Antibody to a Pulmonary Macrophage Cell Surface Antigen</td>
<td>2048</td>
</tr>
<tr>
<td>Monoclonal Antibodies that Inhibit Activation and Proliferation of Lymphocytes. I. Expression of the Antigen on Monocytes and Activated Lymphocytes</td>
<td>2055</td>
</tr>
<tr>
<td>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</td>
<td>2062</td>
</tr>
</tbody>
</table>
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

Two Major Human Allergenic Sites on Ragweed Pollen Allergen Antigen E Identified by Using Monoclonal Antibodies

Detection and Characterization of Cytotoxic T Lymphocyte Precursors in the Murine Intestinal Intraepithelial Leukocyte Population


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

Interleukin 2-Mediated Augmentation

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

Continued on page 5
IMMUNOCHEMISTRY

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

J. A. Roth, R. S. Ames, V. Byers, H. M. Lee, and P. J. Scannon 2305  Monoclonal Antibody 45-2D9 Conjugated to the A Chain of Ricin is Specifically Toxic to C-Ha-ras-Transfected NIH 3T3 Cells Expressing gp75

W. E. Fogler and I. J. Fidler 2311 The Activation of Tumoricidal Properties in Human Blood Monocytes by Muramyl Dipeptide Requires Specific Intracellular Interaction

J. I. Allen, S. Ferrone, D. Boue, and N. E. Kay 2318 The Monoclonal Antibody CJA3 Down-Regulates the Susceptibility of Human Tumor Cell Lines to Natural Cell-Mediated Cytotoxicity

S. D. Somers, and D. O. Adams 2323 Enhancement of Selective Tumor Cell Binding by Activated Murine Macrophages in Response to Phorbol Myristate Acetate

ERRATUM

P. J. Lammie, A. I. Michael, M. B. Prystowsky, G. P. Linette, and S. M. Phillips 2333 Production of a Fibroblast-Stimulating Factor by Schistosoma mansoni Antigen-Reactive T Cell Clones

Announcement 2333
Obituary 2334 Jacques Oudin
Letter to the Editor 2335
Author Index 2337