This information is current as of July 24, 2017.
Contents

CELLULAR IMMUNOLOGY

P. Fisch, K. Oettel, N. Fudim, J. E. Surfs, M. Malkovsky, and P. M. Sondel 2315 MHC-Unrestricted Cytotoxic and Proliferative Responses of Two Distinct Human γ/δ T Cell Subsets to Daudi Cells

D. T. Hagerty and P. M. Allen 2324 Processing and Presentation of Self and Foreign Antigens by the Renal Proximal Tubule

M. H. Kosco, E. Pfugfelder, and D. Gray 2331 Follicular Dendritic Cell-Dependent Adhesion and Proliferation of B Cells in Vitro


J. L. Mobley and M. O. Dailey 2348 Regulation of Adhesion Molecule Expression by CD8 T Cells in Vivo. I. Differential Regulation of gp90Mel-14 (LECAM-1), Pgp-1, LFA-1, and VLA-4α during the Differentiation of Cytotoxic T Lymphocytes Induced by Allografts


M. Sandor, B. Houlden, J. Bluestone, S. M. Hedrick, J. Weinstock, and R. G. Lynch 2363 In Vitro and in Vivo Activation of Murine γ/δ T Cells Induces the Expression of IgA, IgM, and IgG Fc Receptors

T. Tamura and H. Nariluchi 2370 T Cell Activation through TCR/CD3 Complex: IL-2 Production of T Cell Clones Stimulated with Anti-CD3 without Cross-Linkage

CLINICAL IMMUNOLOGY • IMMUNOPATHOLOGY

S. Baskar, P. Parronchi, S. Mohapatra, S. Romagnani, and A. A. Ansar 2378 Human T Cell Responses to Purified Pollen Allergens of the Grass, Lolium perenne: Analysis of Relationship between Structural Homology and T Cell Recognition

R. R. Caspi, B. G. Grubbs, C.-C. Chan, G. J. Chader, and B. Wiggert 2384 Genetic Control of Susceptibility to Experimental Autoimmune Uveoretinitis in the Mouse Model: Concomitant Regulation by MHC and Non-MHC Genes


W. D. Schwieterman, G. M. Wood, D. E. Scott, and A. D. Steinberg 2405 Studies of Bone Marrow Progenitor Cells in Lupus-Prone Mice. I. NZB Marrow Cells Demonstrate Increased Growth in Whillock-Witte Culture and Increased Splenic Colony-Forming Unit Activity in the Thy-1+ Lineage Population

Continued on page 5
### Cytokines • Mediators • Regulatory Molecules

<table>
<thead>
<tr>
<th>Authors</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>M. Dancescu, C. Wu, M. Rubio, G. Delespesse, and M. Sarfati</td>
<td>2411</td>
</tr>
<tr>
<td>J. D. Graves, J. Downward, M. Izquierdo-Pastor, S. Rayter, P. H. Warne, and D. A. Cantrell</td>
<td>2417</td>
</tr>
<tr>
<td>B. Naume, M. Gately, and T. Espevik</td>
<td>2429</td>
</tr>
<tr>
<td>J. D. Graves, J. Downward, M. Izquierdo-Pastor, S. Rayter, P. H. Warne, and D. A. Cantrell</td>
<td>2423</td>
</tr>
<tr>
<td>B. Naume, M. Gately, and T. Espevik</td>
<td>2429</td>
</tr>
</tbody>
</table>

**IL-4 Induces Conformational Change of CD20 Antigen via a Protein Kinase C-Independent Pathway: Antagonistic Effect of Anti-CD40 Monoclonal Antibody**

**The Growth Factor IL-2 Activates p21ras Proteins in Normal Human T Lymphocytes**

**Monocyte Chemoattractant Protein-1 Regulates Adhesion Molecule Expression and Cytokine Production in Human Monocytes**

**A Comparative Study of IL-12 (Cytotoxic Lymphocyte Maturation Factor), IL-2-, and IL-7-Induced Effects on Immunomagnetically Purified CD56+ NK Cells**

### Immunochemistry

<table>
<thead>
<tr>
<th>Authors</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>C. Geisler</td>
<td>2437</td>
</tr>
<tr>
<td>R. D. Miller, M. J. Caufield, and C. E. Calkins</td>
<td>2452</td>
</tr>
<tr>
<td>M. Mousli, T. F. Hugli, Y. Landry, and C. Bronner</td>
<td>2456</td>
</tr>
<tr>
<td>R. P. Taylor, C. J. Reist, W. M. Sutherland, A. Otto, R. H. Labruguen, and E. L. Wright</td>
<td>2462</td>
</tr>
<tr>
<td>E. A. Wolff, J. Esselstyn, C. Maloney, and H. V. Raff</td>
<td>2469</td>
</tr>
</tbody>
</table>

**Failure to Synthesize the CD3-γ Chain: Consequences for T Cell Antigen Receptor Assembly, Processing, and Expression**

**MHC Interaction and T Cell Recognition of Carbohydrates and Glycopeptides**

**Expression and Regulation of a Recurrent Anti-Erythrocyte Autoantibody Idotype in Spleen Cells from Neonatal and Adult BALB/c Mice**

**A Mechanism of Action for Anaphylatoxin C3a Stimulation of Mast Cells**

**In Vivo Binding and Clearance of Circulating Antigen by Bispecific Heteropolymer-Mediated Binding to Primate Erythrocyte Complement Receptor**

**Human Monoclonal Antibody Homodimers: Effect of Valency on in Vitro and in Vivo Antibacterial Activity**

### Immunopharmacology

<table>
<thead>
<tr>
<th>Authors</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>S. M. Goldstein, J. Leong, L. B. Schwartz, and D. Cooke</td>
<td>2475</td>
</tr>
<tr>
<td>J. B. Klein, J. A. Scherzer, and K. R. McLeish</td>
<td>2483</td>
</tr>
<tr>
<td>R. P. Kraut, R. Bose, E. J. Craigoe, Jr., and A. H. Greenberg</td>
<td>2489</td>
</tr>
</tbody>
</table>

**Protease Composition of Exocytosed Human Skin Mast Cell Protease-Proteoglycan Complexes: Tryptase Resides in a Complex Distinct from Chymase and Carboxypeptidase**

**IFN-γ Enhances Expression of Formyl Peptide Receptors and Guanine Nucleotide-Binding Proteins by HL-60 Granulocytes**

**The Na+/Ca2+ Exchanger Regulates Cytolysin/Perforin-Induced Increases in Intracellular Ca2+ and Susceptibility to Cytolysis**

**A Role for Protein Tyrosine Kinase Activity in Natural Cytotoxicity as Well as Antibody-Dependent Cellular Cytotoxicity: Effects of Herbimycin A**

**Preliminary Identification and Role of Phosphodiesterase Isozymes in Human Basophils**

### Microbial Immunology

<table>
<thead>
<tr>
<th>Authors</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>R. B. Grieve, G. R. Frank, M. Mika-Grieve, J. A. Culpepper, and M. Mok</td>
<td>2511</td>
</tr>
</tbody>
</table>

**Identification of Dirofilaria immitis Larval Antigens with Immunoprophylactic Potential using Sera from Immune Dogs**

*Continued on page 7*
Continued from page 5

R. L. Hendricks, M. Janowicz, and T. M. Tumpey
U. Krzych, T. Jareed, H. T. Link, L. D. Loomis, and W. R. Ballou
J. A. Turpin, M. Vargo, and M. S. Meltzer

Mapping of Multiple Binding Domains of the Superantigen Staphylococcal Enterotoxin A for HLA
Critical Role of Corneal Langerhans Cells in the CD4- but not CD8-Mediated Immunopathology in Herpes Simplex Virus-1-Infected Mouse Corneas
Distinct T Cell Specificities Are Induced with the Authentic versus Recombinant Plasmodium berghei Circumsporozoite Protein
Enhanced HIV-1 Replication in Retinoid-Treated Monocytes: Retinoid Effects Mediated Through Mechanisms Related to Cell Differentiation and to a Direct Transcriptional Action on Viral Gene Expression

MOLECULAR BIOLOGY • MOLECULAR GENETICS

M. S. Hassan, K. B. Islam, L. Hammarström, and C. I. E. Smith
J. P. Jensen, D. Hou, M. Ramsburg, A. Taylor, M. Dean, and A. M. Weissman
N. M. Lardy, R. M. Bakas, A. R. van der Horst, E. van Twuyver, R. E. Bontrop, and L. P. de Waal
C. R. Lassman and C. Milcarek
J. M. Riberdy and P. Cresswell
J. H. Sloan, S. L. Hasegawa, and J. M. Boss
P. L. Wang, S. O'Farrell, C. Clayberger, and A. M. Krensky
T. M. Williams, D. M. Moolten, H. Makni, H. W. Kim, J. A. Kant, and M. Kamoun

Molecular Cloning of Orangutan and Gibbon MHC Class I cDNA: The HLA- A and -B Loci Diverged Over 30 Million Years Ago
Regulation of Cy3 Expression: Role of Switch in the Allotype-Associated Variation of Human Serum IgG3 Levels
Organization of the Human T Cell Receptor γ/δ Gene and Its Genetic Linkage to the FcyRII-FcyRIII Gene Cluster
CIS-Acting Regulatory Elements Abrogate Allele-Specific HLA Class I Gene Expression in Healthy Individuals
Regulated Expression of the Mouse γ2b Ig H Chain Gene Is Influenced by PolyA Site Order and Strength
The Antigen Processing Mutant T2 Suggests a Role for MHC-Linked Genes in Class II Antigen Presentation
Single Base Pair Substitutions within the HLA-DRA Gene Promoter Separate the Functions of the X1 and X2 Boxes
Identification and Molecular Cloning of Tactile: A Novel Human T Cell Activation Antigen That Is a Member of the Ig Gene Superfamily
CD28-Stimulated IL-2 Gene Expression in Jurkat T Cells Occurs in Part Transcriptionally and Is Cyclosporine A-Sensitive

TUMOR IMMUNOLOGY

J. J. Mule, M. C. Custer, W. D. Travis, and S. A. Rosenberg
I. Reid, J. Lundy, and J. H. Donohue
J. L. Subiza, J. Gil, R. Rodriguez, J. G. Ruiz de Morales, J. E. Vilhuela, and E. G. de la Concha

Induction of Cytotoxic T Lymphocytes Specific for a Syngeneic Tumor Expressing the E6 Oncoprotein of Human Papillomavirus Type 161
Cellular Mechanisms of the Antitumor Activity of Recombinant IL-6 in Mice
Enhancement of in Vitro Tumor-Infiltrating Lymphocyte Cytotoxicity by Heteroconjugated Antibodies
Tumor Cytostasis Mediated by a Monoclonal IgM Antibody Promoting Adhesion between Macrophages and Tumor Cells: Evidence for a Lectin-Like Behavior

Author Index