This information is current as of June 6, 2017.
Contents

CELLULAR IMMUNOLOGY

N. Berkowitz and N. S. Braunstein  ........................................  309 T Cell Responses Specific for Subregions of Allogeneic MHC Molecules
L. M. Bradley, G. G. Atkins, and S. L. Swain  ........................................  324 Long-Term CD4+ Memory T Cells from the Spleen Lack MEL-14, the Lymph Node Homing Receptor
L. A. Bristol, L. Finch, E. V. Romm, and L. Takacs  ........................................  332 Characterization of a Novel Rat Thymocyte Costimulating Antigen by the Monoclonal Antibody I.3
B. D. Evavold, S. G. Williams, B. L. Hsu, S. Buus, and P. M. Allen  ........................................  347 Complete Dissection of the Hb(64-76) Determinant using T Helper 1, T Helper 2 Clones, and T Cell Hybridomas
E. H. Field and G. C. Becker  ........................................  354 Blocking of Mixed Lymphocyte Reaction by Spleen Cells from Total Lymphoid-Irradiated Mice Involves Interruption of the IL-2 Pathway
T. Ishigami, K.-M. Kim, Y. Horiguchi, Y. Higaki, D. Hata, T. Heike, K. Katamura, M. Mayumi, and H. Mikawa  ........................................  360 Anti-IgM Antibody-Induced Cell Death in a Human B Lymphoma Cell Line, B104, Represents a Novel Programmed Cell Death
B. Nag, D. Passmore, S. V. Deshpande, and B. R. Clark  ........................................  369 In Vitro Maximum Binding of Antigenic Peptides to Murine MHC Class II Molecules Does not Always Take Place at the Acidic pH of the in Vivo Endosomal Compartment
V. Palathumpat, S. Dejbakhsh-Jones, B. Holm, H. Wang, O. Liang, and S. Strober  ........................................  373 Studies of CD4+ CD8αβ Bone Marrow T Cells with Suppressor Activity
T. J. Schall, R. E. O'Hehir, D. V. Goeddel, and J. R. Lamb  ........................................  381 Uncoupling of Cytokine mRNA Expression and Protein Secretion during the Induction Phase of T Cell Anergy
Y. Torimoto, D. M. Rothstein, N. H. Dang, S. F. Schlossman, and C. Morimoto  ........................................  388 CD31, a Novel Cell Surface Marker for CD4 Cells of Suppressor Lineage, Unaltered by State of Activation
S. Tuttosi and P. A. Bretscher  ........................................  397 Antigen-Specific CD8+ T Cells Switch the Immune Response Induced by Antigen from an IgG to a Cell-Mediated Mode
L. Vernino, L. M. McAnally, J. Ramberg, and P. E. Lipsky  ........................................  404 Generation of Nondividing High Rate Ig-Secreting Plasma Cells in Cultures of Human B Cells Stimulated with Anti-CD3-Activated T Cells

CLINICAL IMMUNOLOGY • IMMUNOPATHOLOGY

M. Blumenthal, D. Marcus-Bagley, Z. Awdhe, B. Johnson, E. J. Yunis, and C. A. Alper  ........................................  411 HLA-DR2, [HLA-B7, SC31, DR2], and [HLA-B8, SC01, DR3] Haplotypes Distinguish Subjects with Asthma from Those with Rhinitis only in Ragweed Pollen Allergy

Continued on page 5
continued from page 3

B. Texier, C. Bedin, C. Roubaty, C. Brezin, and J. Charreire

N. Tuillon, C. Andre, J.-P. Briand, E. Penner, and S. Muller

439 Protegron from Experimental Autoimmune Thyroiditis Conferred by a Monoclonal Antibody to T Cell Receptor from a Cytotoxic Hybridoma Specific for Thyroglobulin

A Lipoyl Synthetic Octadecapeptide of Dihydrolipoamide Acetyltransferase Specifically Recognized by Anti-M2 Autoantibodies in Primary Biliary Cirrhosis

Cytokines • Mediators • Regulatory Molecules

Q. C. Cheng, J. H. Han, H. G. Thomas, E. Balentien, and A. Richmond


M. Lotz, R. Terkeltaub, and P. M. Villiger


J. D. Sipe, L. M. Bartle, and L. D. Loose

S. M. Wahl, J. B. Allen, G. R. Weich, and H. L. Sung

X. Xia, L. Li, and Y. S. Cho

451 Melanoma Growth Stimulatory Activity Receptor Consists of Two Proteins: Ligand Binding Results in Enhanced Tyrosine Phosphorylation

457 Cytokine-Stimulated Human Mesothelial Cells Produce Chemotactic Activity for Neutrophils Including NAP-1/IL-8

466 Cartilage and Joint Inflammation: Regulation of IL-8 Expression by Human Articular Chondrocytes

474 The Binding Subunit of Pertussis Toxin Inhibits IL-1 Induction of IL-2 and Prostaglandin Production

480 Modification of Proinflammatory Cytokine Production by the Antirheumatic Agents Tenidap and Naproxen: A Possible Correlate with Clinical Acute Phase Response

485 Transforming Growth Factor-β in Synovial Fluids Modulates FcγRIII [CD16] Expression on Mononuclear Phagocytes

491 Human Recombinant IL-3 is a Growth Factor for Normal B Cells

Immunopharmacology

M. H. Holguin, C. B. Martin, N. J. Bernshaw, and C. J. Parker

T. B. Lavoie, W. N. Drohan, and S. J. Smith-Gill

498 Analysis of the Effects of Activation of the Alternative Pathway of Complement on Erythrocytes with an Isolated Deficiency of Decay Accelerating Factor

503 Experimental Analysis by Site-Directed Mutagenesis of Somatic Mutation Effects on Affinity and Fine Specificity in Antibodies Specific for Lysozyme

Microbial Immunology

M. L. Brown, P. E. Fields, and R. J. Kurlander

555 Metabolic Requirements for Macrophage Presentation of Listeria monocytogenes to Immune CD8 Cells

Continued on page 7
### MOLECULAR BIOLOGY • MOLECULAR GENETICS

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>562</td>
<td>A Protective Monoclonal Antibody Specifically Recognizes and Alters the Catalytic Activity of Schistosome Triose-Phosphate Isomerase</td>
</tr>
<tr>
<td>568</td>
<td>IFN-γ-Induced l-Arginine-Dependent Toxoplasmastatic Activity in Murine Peritoneal Macrophages Is Mediated by Endogenous Tumor Necrosis Factor-α</td>
</tr>
<tr>
<td>575</td>
<td>A Lectin-Binding, Protease-Resistant Mycobacterial Ligand Specifically Activates Vγ9⁺ Human λ T Cells</td>
</tr>
<tr>
<td>584</td>
<td>Differing Macrophage and Lymphocyte Roles in Resistance to Legionella pneumophila Infection</td>
</tr>
</tbody>
</table>

### TUMOR IMMUNOLOGY

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>638</td>
<td>Shared Human Melanoma Antigens: Recognition by Tumor-Infiltrating Lymphocytes in HLA-A2.1-Transfected Melanomas</td>
</tr>
<tr>
<td>644</td>
<td>Influence of MHC Genes on Spontaneous Recovery from Friend Retrovirus-Induced Leukemia</td>
</tr>
<tr>
<td>648</td>
<td>Tumor-Bearing Mice Exhibit a Progressive Increase in Tumor Antigen-Presenting Cell Function and a Reciprocal Decrease in Tumor Antigen-Responsive CD4⁺ T Cell Activity</td>
</tr>
</tbody>
</table>