This information is current as of April 20, 2017.
CELLULAR IMMUNOLOGY

J. R. Hiernaux, P. J. Baker, C. Delisi, and J. A. Rudbach
S. P. Bartlett and R. C. Burton
A. B. Peck, R. A. Murgita, and H. Wigzell
B. S. Kim and P. B. Massey
J-E. Ryser, E. Rungger-Brandle, C. Chaponnier, G. Gabbiani, and P. Vassalli
J. Braun, P. S. Hochman, and E. R. Unanue
M. Riedl, O. Forster, H. Rumpold, and H. Bernheimer
D. H. Sherr and M. E. Dorf
K. Yoshizaki, T. Nakagawa, T. Kaieda, A. Muraguchi, Y. Yamamura, and T. Kishimoto
A. Altman, A. Sferuzza, R. G. Weiner, and D. H. Katz
D. J. Scribner and J. W. Moorhead
B. S. Wang, E. H. Heacock, Z. Chang-Xue, N. L. Tilney, T. B. Strom, and J. A. Mannick
D. S. Snyder, C. Y. Lu, and E. R. Unanue

1054 Modulation of the Immune Response to Lipopolysaccharide
1070 Studies on Natural Killer (NK) Cells. III. The Effects of in Vitro Culture on Spontaneous Cytotoxicity of Murine Spleen Cells
1134 Cellular and Genetic Restrictions in the Immunoregulatory Activity of α-Fetoprotein. III. Role of the MLC-Stimulating Cell Population in α-Fetoprotein-Induced Suppression of T Cell-Mediated Cytotoxicity
1145 Induction of T15-Specific Suppressor T Cells in Mice with the CBA/N Defect by Neonatal Injection with Anti-T15 Idiotype Antibody
1198 The Area of Attachment of Cytotoxic T Lymphocytes to Their Target Cells Shows High Motility and Polarization of Actin, but Not Myosin
1205 A Ganglioside-Dependent Cellular Binding Mechanism in Rat Macrophages
1261 Hapten-Specific T Cell Responses to 4-Hydroxy-3-Nitrophenyl Acetyl. XIII. Characterization of a Third T Cell Population Involved in Suppression of in Vitro PFC Responses
1296 Induction of Proliferation and Ig Production in Human B Leukemic Cells by Anti-immunoglobulins and T Cell Factors
1365 Constitutive and Mitogen-Induced Production of T Cell Growth Factor by Stable T Cell Hybridoma Lines
1377 Anti-immunoglobulin Stimulation of Murine Lymphocytes. VII. Identification of an Age-Dependent Change in Accessory Cell Function
1382 Evidence for the Presence of Suppressor T Lymphocytes in Animals Treated with Cyclosporin A
1458 Control of Macrophage Ia Expression in Neonatal Mice—Role of a Splenic Suppressor Cell

CLINICAL IMMUNOLOGY

A. Sulica, M. Gherman, C. Galetiuc, M. Manciulea, and R. B. Herberman
M. E. Neville and H. W. Lischner
P. Nieminen, R. Passivuo, and E. Saksela
S. P. James, G. G. Yenokida, A. S. Neighbour and H. S. Huberman
M. E. Neville and J. C. Hiserodt

1031 Inhibition of Human Natural Killer Cell Activity by Cytophilic Immunoglobulin G
1063 Activation of Fc Receptor-Bearing Lymphocytes by Immune Complexes. I. Stimulation of Lymphokine Production by Nonadherent Human Peripheral Blood Lymphocytes
1097 Effect of a Monoclonal Anti-large Granular Lymphocyte Antibody on the Human NK Activity
1149 Activation of Suppressor T Cells by Autologous Lymphoblastoid Cells: A Mechanism for Feedback Regulation of Immunoglobulin Synthesis
1236 Sr⁺⁺-Induced Inhibition of Human Natural Killer (NK) Cell-Mediated Cytotoxicity
1246 Inhibition of Human Antibody-Dependent Cellular Cytotoxicity, Cell-Mediated Cytotoxicity, and Natural Killing by a Xenogeneic Antiserum Prepared against "Activated" Alloimmune Human Lymphocytes

Continued on page 4
Continued from page 3

P. Ruiz and J. C. Scornik 1289 Role of Monocytes, Alloantigens, and Individual Reactivity in the Response of Human Lymphocytes to Mitogenic Factor


IMMUNOCHEMISTRY

B. S. Schwartz, G. A. Levy, and T. S. Edgington 1037 Immune Complex-Induced Human Monocyte Procoagulant Activity. II. Cellular Kinetics and Metabolic Requirements

J. Ohara and T. Watanabe 1090 Microinjection of Macromolecules into Normal Murine Lymphocytes by Cell Fusion Technique. I. Quantitative Microinjection of Antibodies into Normal Splenic Lymphocytes


J. W. Mier, and R. C. Gallo 1122 The Purification and Properties of Human T Cell Growth Factor

N. Koch and G. J. Hämmerling 1155 Structure of la Antigens: Identification of Dimeric Complexes Formed by the Invariant Chain


C. B. Simone and P. Henkart 1168 Inhibition of Marker Influx into Complement-Treated Resealed Erythrocyte Ghosts by Anti-C5

I. Takahashi, P. K. Nakane, and H. W. Brown 1181 Ultrastructural Events in the Translocation of Polymeric IgA by Rat Hepatocytes

H. Baumberk, B. Liesegang, A. Radbruch, K. Rajewsky, and F. Sablitzky 1217 Switch from NP-Specific IgG3 to IgG1 in the Mouse Hybridoma Cell Line S24/63/63

M-K. Ho and T. A. Springer 1221 Mac-2, a Novel 32,000 M, Mouse Macrophage Subpopulation-Specific Antigen Defined by Monoclonal Antibodies

H. B. Dickler, M. T. Kubicek, and F. D. Finkelman 1271 Interactions between Lymphocyte Membrane Molecules. II. Characterization of an Interaction between B Lymphocyte Surface IgD and Fc IgG Receptors That Differs from the Surface IgM-Fc IgG Receptor Interaction

F. D. Moore, Jr., K. F. Austin, and D. T. Fearon 1302 Antibody Restores Human Alternative Complement Pathway Activation by Mouse Erythrocytes Rendered Functionally Deficient by Pretreatment with Pronase

N. F. Pierce and W. C. Cray, Jr. 1311 Determinants of the Localization, Magnitude, and Duration of a Specific Mucosal IgA Plasma Cell Response in Enterically Immunized Rats


Y. Bergman and R. Levy 1334 Biosynthesis and Processing of a Human T Lymphocyte Antigen

H. Sano and C. Morimoto 1341 DNA Isolated from DNA/Anti-DNA Antibody Immune Complexes in Systemic Lupus Erythematosus Is Rich in Guanine-Cytosine Content

K. E. Stein, D. A. Zopf, B. M. Johnson, C. B. Miller, and W. E. Paul 1350 The Immune Response to an Isomaltodextran-Protein Conjugate, a Thymus-Dependent Analogue of α(1→6) Dextran

A. J. Husband 1355 Kinetics of Extravasation and Redistribution of IgA-Specific Antibody-Containing Cells in the Intestine

P. S. Tobies, K. P. W. J. McAdam, and R. J. Ulevitch 1420 Interactions of Bacterial Lipopolysaccharide with Acute-Phase Rabbit Serum and Isolation of Two Forms of Rabbit Serum Amyloid A

I. von Zabern, E. J. Bloom, V. Chu, and I. Gigli 1433 The Fourth Component of Human Complement Treated with Amines or Chaotropes or Frozen-Thawed (C4b-like C4): Interaction with C4 Binding Protein and Cleavage by C3b/C4b Inactivator

I. von Zabern and I. Gigli 1439 Conformational Changes in Complement Component C4 Induced by Activation, Treatment with Amines, Chaotropes, or Freezing-Thawing, Detectable by Radiolodination Using Lactoperoxidase


M. V. Hobbs, T. L. Feldbush, B. W. Needleman, and J. M. Weiler 1470 Inhibition of Secondary in Vitro Antibody Responses by the Third Component of Complement

Continued on page 5
Continued from page 4

IMMUNOGENETICS AND TRANSPLANTATION

U. Yamashita, S. Ono, and H. Nakamura

U. Yamashita, S. Ono, and H. Nakamura


Y. Tanaka, K. Sugamura, and Y. Hinuma

A. B. Reske-Kunz and E. Rude

Y. Tanaka, K. Sugamura, and Y. Hinuma


M. P. Cancro


R. N. Germain, A. Bhattacharya, M. E. Dorf, and T. A. Springer

D. J. Schrier, J. L. Sternick, E. M. Allen, and V. L. Moore

1003 The Syngeneic Mixed Leukocyte Reaction in Mice. I. The Cellular and Genetic Mechanism of the Syngeneic Mixed Leukocyte Reaction

1010 The Syngeneic Mixed Leukocyte Reaction in Mice. II. The I Region Control of Suppressor T Cell Activity Induced in the Syngeneic Mixed Leukocyte Reaction

1188 Antigen-Specific Suppression of Cytotoxic T Cell Responses: An Idiotype-Bearing Factor Regulates the Cytotoxic T Cell Response to Azobenzenearsonate-Coupled Cells

1241 Heterogeneity of Allogeneic Restriction of Human Cytotoxic T Cell Clones Specific for Epstein Barr Virus

1252 Fine Specificity of a T Cell Line Reactive to Bovine Insulin

1264 The Major Histocompatibility Complex Requirement for Cellular Collaboration in the Murine Lymphoid Procoagulant Response Stimulated by Bacterial Lipopolysaccharide

Multiple Loci Mediate B Cell Repertoire Ontogeny: Analysis of the Hemagglutinin-Specific Repertoires in Neonatal C.B20 and (C.B20 x B10.D2)F1, Mice

1360 A Crucial Role of the H-2 D Locus in the Regulation of Both And D- and K- Associated Cytotoxic T Lymphocyte Response against Moloney Leukemia Virus, Demonstrated with Two D0 Mutants

A Single Monoclonal Anti-la Antibody Inhibits Antigen-Specific T Cell Proliferation Controlled by Distinct Ir Genes Mapping in Different H-2 I Subregions

Immunogenetics of BCG-Induced Anergy in Mice: Control by Genes Linked to the IgH Complex

IMMUNOPATHOLOGY

R. Dziarski

R. Dziarski

S. Wasi, P. Vadas, G. W. Chin, H. Z. Movat, and J. B. Hay

L. M. Nagelkerken, M. van Zoonan-van Exel, H. K. van Walbeek, R. C. Aalberse, and T. A. Out

L. B. Schwartz, C. Riedel, J. J. Schratz, and K. F. Austen

P. Christodoss, V. A. Lennon, C. J. Krco, and C. S. David


C. G. Stephens, and R. Snyderman

D. Ba, N. Takeichi, T. Kodama, and H. Kobayashi

P. F. Weiler, D. Bach, and K. F. Austen

J. I. Galin, B. E. Seligmann, E. B. Cramer, E. Schiffman, and M. P. Fletcher

P. A. Smathers, B. J. Steinberg, J. P. Reeves, and A. D. Steinberg

A. Ben-Nun and I. R. Cohen

1018 Preferential Induction of Autoantibody Secretion in Polyclonal Activation by Peptidoglycan and Lipopolysaccharide. I. In Vivo Studies

1026 Preferential Induction of Autoantibody Secretion in Polyclonal Activation by Peptidoglycan and Lipopolysaccharide. II. In Vivo Studies

1076 The Production of Plasminogen Activator by Afferent but Not Efferent Lymph Cells Emigrating from Chronic Granulomatous Lesions in Sheep

1102 Analysis of Cerebrospinal Fluid and Serum of Patients with Multiple Sclerosis by Means of Anti-idiotypic Antisera

1128 Localization of Carboxypeptidase A to the Macromolecular Heparin Proteoglycan-Protein Complex in Secretory Granules of Rat Serosal Mast Cells

1141 Genetic Control of Experimental Autoimmune Myasthenia Gravis in Mice. III. Ia Molecules Mediate Cellular Immune Responsiveness to Acetylcholine Receptors Anti-RNP Monoclonal Antibodies Derived from a Mouse Strain with Lupus-Like Autoimmunity

1192 Cyclic Nucleotides Regulate the Morphologic Alterations Required for Chemotaxis in Monocytes

1211 Restoration of T Cell Depression and Suppression of Blood Pressure in Spontaneously Hypertensive Rats (SHR) by Thymus Grafts or Thymus Extracts

1346 Human Eosinophil Lyso phospholipase: The Sole Protein Component of Charcot-Leyden Crystals

1399 Effects of Vitamin K on Human Neutrophil Function

1414 Effects of Polyclonal Immune Stimulators upon NZB.xid Congenic Mice

1450 Spontaneous Remission and Acquired Resistance to Autoimmune Encephalomyelitis (EAE) are Associated with Suppression of T cell Reactivity: Suppressed EAE Effector T Cells Recovered as T Cell Lines

Continued on page 6
**MICROBIAL IMMUNOLOGY**

<table>
<thead>
<tr>
<th>Authors</th>
<th>Page</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>D. L. Boros, A. F. Amsden, and A. T. Hood</td>
<td>1050</td>
<td>Modulation of Granulomatous Hypersensitivity. IV. Immunoglobulin and Antibody Production by Vigorous and Immunomodulated Liver Granulomas of Schistosoma mansoni-Infected Mice</td>
</tr>
<tr>
<td>R. S. Stephens, M. R. Tam, C-C. Kou, and R. C. Nowinski</td>
<td>1083</td>
<td>Monoclonal Antibodies to Chlamydia trachomatis: Antibody Specificities and Antigen Characterization</td>
</tr>
<tr>
<td>S. Kohl, L. S. Loo, and S. B. Greenberg</td>
<td>1107</td>
<td>Protection of Newborn Mice from a Lethal Herpes Simplex Virus Infection by Human Interferon, Antibody, and Leukocytes</td>
</tr>
<tr>
<td>C. Liang-Takasaki, P. H. Makelä, and L. Leive</td>
<td>1229</td>
<td>Phagocytosis of Bacteria by Macrophages: Changing the Carbohydrate of Lipopolysaccharide Alters Interaction with Complement and Macrophages</td>
</tr>
<tr>
<td>I. Ihara, Y. Harada, S. Ihara, and M. Kawakami</td>
<td>1256</td>
<td>A New Complement-Dependent Bactericidal Factor Found in Nonimmune Mouse Sera: Specific Binding to Polysaccharide of Ra Chemotype Salmonella</td>
</tr>
<tr>
<td>R. A. Insel, and P. W. Anderson, Jr.</td>
<td>1267</td>
<td>Cross-Reactivity with Escherichia coli K100 in the Human Serum Anticapsular Antibody Response to Haemophilus influenzae Type B</td>
</tr>
<tr>
<td>G. R. Olds, R. Olveda, J. W. Tracy, and A. A. F. Mahmoud</td>
<td>1391</td>
<td>Adoptive Transfer of Modulation of Granuloma Formation and Hepatosplenic Disease in Murine Schistosomiasis Japonica by Serum from Chronically Infected Animals</td>
</tr>
<tr>
<td>J. R. Lamb, D. D. Eckels, M. Phelan, P. Lake, and J. N. Woody</td>
<td>1428</td>
<td>Antigen-Specific Human T Lymphocyte Clones: Viral Antigen Specificity of Influenza Virus-Immune Clones</td>
</tr>
</tbody>
</table>

**TUMOR IMMUNOLOGY**

<table>
<thead>
<tr>
<th>Authors</th>
<th>Page</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>E. Fernandez-Cruz, S. C. Gilman, and J. D. Feldman</td>
<td>1112</td>
<td>Immunotherapy of a Chemically-Induced Sarcoma in Rats: Characterization of the Effector T Cell Subset and Nature of Suppression</td>
</tr>
<tr>
<td>E. D. Ball, J. M. Kadushin, B. Schacter, and M. W. Fanger</td>
<td>1476</td>
<td>Studies on the Ability of Monoclonal Antibodies to Selectively Mediate Complement-Dependent Cytotoxicity of Human Myelogenous Leukemia Blast Cells</td>
</tr>
</tbody>
</table>

**COMMUNICATION**

<table>
<thead>
<tr>
<th>Authors</th>
<th>Page</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>V. Kumar, M. C. Barnes, M. Bennett, and R. C. Burton</td>
<td>1482</td>
<td>Differential Lysis of Endogenous and Activated Natural Killer Cells by Anti-NK-1.2 Antibody and Complement</td>
</tr>
<tr>
<td>E. G. Neilson, S. M. Phillips, and S. Jimenez</td>
<td>1484</td>
<td>Lymphokine Modulation of Fibroblast Proliferation</td>
</tr>
<tr>
<td>S. Raziuddin, and D. C. Morrison</td>
<td>1486</td>
<td>Prolonged Suppression of Experimental Allergic Encephalomyelitis in the Lewis Rats: The Effect of Lipopolysaccharides</td>
</tr>
<tr>
<td>C. G. Taylor, and F. C. Grumet</td>
<td>1489</td>
<td>HLA-DR Antigen Grouping by Use of Monoclonal Antibody Probes: Expansion of Known Groups, and Mechanism of Cytotoxicity Blocking</td>
</tr>
</tbody>
</table>

Announcements 1493

Author Index 1495