Contents

COMMUNICATIONS

G. Ramadori, J. D. Sipe, and H. R. Colten 3645 Expression and Regulation of the Murine Serum Amyloid A (SAA) Gene in Extrahepatic Sites
V. S. Goldmacher, J. Anderson 3648 Antibody-Complement-Mediated Cytotoxicity Is Enhanced by Ribosome-Inactivating Proteins
W. A. Blattler, J. M. Lambert, and P. D. Senter 3652 Relationship of Macrophage Ia and Membrane IL 1 Expression to Antigen Presentation

CELLULAR IMMUNOLOGY

T. Noma and M. E. Dorf 3655 Modulation of Suppressor T Cell Induction with Interferon
K. Kato, K.-I. Yamamoto, and T. Kimura 3661 Migration of Natural Suppressor Cells from Bone Marrow to Peritoneal Cavity by Live HCG
B. Manger, A. Weiss, C. Weyand, J. Goronzy, and J. D. Stobo 3669 T Cell Activation: Differences in the Signals Required for IL 2 Production by Nonactivated and Activated T Cells
N. Isakov and A. Altman 3674 Tumor Promoters in Conjunction with Calcium Ionophores Mimic Antigenic Stimulation by Reactivation of Allointigen-Primed Murine T Lymphocytes
H. Ishikawa, H. Suzuki, T. Hino, E. Kubota, and K. Saito 3681 In Vivo Priming of Mouse CTL Precursors Directed to Product of a Newly Defined Minor H-42 Locus Is Under a Novel Control of Class II MHC Gene Generation of Cytotoxic T Cells Specific for Minor Histocompatibility Antigens by Cross Challenge In Vitro with H-2 Disparate Adherent Cells
L. M. Pilarski and G. Carayanniotis 3686 Expression of H-21 Region-Restricted Cytolytic Activity by an Lyt-2+ Influenza Virus-Specific T Lymphocyte Clone
L. A. Morrison, V. L. Braciale, and T. J. Braciale 3691 In Vivo Priming of Mouse CTL Precursors Directed to Product of a Newly Defined Minor H-42 Locus Is Under a Novel Control of Class II MHC Gene Generation of Cytotoxic T Cells Specific for Minor Histocompatibility Antigens by Cross Challenge In Vitro with H-2 Disparate Adherent Cells
J. R. Klein, L. Lefrancois, and M. F. Kagnoff 3697 A Murine Cytotoxic T Lymphocyte Clone from the Intestinal Mucosa that Is Antigen Specific for Proliferation and Displays Broadly Reactive Inducible Cytotoxic Activity

Announcement of Changes in Publishing Schedule and Rates for The Journal of Immunology

As of January 1, 1986, the following changes will become effective:

The Journal of Immunology will publish twice each month, with 12 issues per volume and two volumes per year.

Subscriptions for domestic members of the American Association of Immunologists will be $75 per year; for foreign members, $75 per year plus postal charges of $85. Nonmember subscriptions for U.S. institutions will be $170 per year; foreign institutions, $170 plus postal charges of $85. Nonmember personal subscriptions will be $150 per year; nonmember personal foreign subscriptions will be $150 per year plus postal charges of $85.

Subscriptions for domestic students will be $36 per year; for foreign students, $36 per year plus postal charges of $85.

Single copies will be $8 each. Foreign postage will be an additional $3 per single copy.

Page charges to authors will be $66 per page.
Continued from page 3


D. Hansburg and E. Appella

J. Stankova and M. Rola-Pleszczynski

G. Dennert, C. G. Anderson, and J. Warner

H. W. Virgin IV, G. F. Wittenberg, and E. R. Unanue


T. D. Geppert and P. E. Lipsky

G. S. Madonna and S. N. Vogel

J. Lacy, W. C. Summers, and Z. N. Cannellakis

E. Yefenof, V. M. Sanders, E. C. Snow, R. J. Noelle, K. G. Oliver, J. W. Uhr, and E. S. Vitetta

M. Belo, C. Martin, C. Corbel, and N. M. Le Douarin

J. T. Golay, E. A. Clark, and P. C. L. Beverley

3704 Growth and Differentiation In Vitro of the Accumulating Lyt-2−/L3T4− Subset in lpr Mice

3712 The Sites of Antigen-T Cell and Antigen-MHC Interactions Overlap

3719 Fucose-Activated Killer (FAK) Cells: Anomalous Killers with Augmented Cytotoxic Activity

3729 T Killer Cells Play a Role in Allogeneic Bone Marrow Graft Rejection but not in Hybrid Resistance

3735 Immune Complex Effects on Murine Macrophages. I. Immune Complexes Suppress Interferon-γ Induction of Ia Expression

3744 Immune Complex Effects on Murine Macrophages. II. Immune Complex Effects on Activated Macrophages Cytotoxicity, Membrane IL 1, and Antigen Presentation

3750 Antigen Presentation by Interferon-γ-Treated Endothelial Cells and Fibroblasts: Differential Ability to Function as Antigen-Presenting Cells Despite Comparable Ia Expression

3763 Early Endotoxin Tolerance Is Associated with Alterations in Bone Marrow-Derived Macrophage Precursor Pools

3772 Effects of Diacetyl Diamines on In Vitro Activation and Proliferation of Human B Lymphocytes

3777 Preparation and Analysis of Antigen-Specific Memory B Cells

3785 A Novel Method to Bursectomize Avian Embryos and Obtain Quail → Chick Bursal Chimeras. I. Immunocytochemical Analysis of Such Chimeras by Using Species-Specific Monoclonal Antibodies

3795 The CD20 (Bp35) Antigen Is Involved in Activation of B Cells from the G0 to the G1 Phase of the Cell Cycle

CLINICAL IMMUNOLOGY • IMMUNOPATHOLOGY

W. L. Hoffman, P. D. Strucely, A. A. Jump, and J. D. Smiley

H.-M. Dosch, P. Lam, and D. Guerin

F. M. Uckun, D. A. Varella, and S.-L. Wee

M. Alvarez-Mon, J. H. Kehrl, and A. S. Fauci

H. C. Clevers, J. M. T. Versteegen, T. Logtenberg, F. H. J. Gmelig Meyling, and R. E. Baillieux

M.-K. Ho, N. Rand, J. Murray, K. Kato, and H. Rabin

E. Ca irns, J. St. Germain, and D. A. Bell

M. Kimura and E. Gleichmann

J. P. Portanova, H. N. Claman, and B. L. Kotzin


R. F. Todd III, P. A. Alvarez, D. A. Brott, and D. Y. Liu

3802 A Restricted Human Antitetanus Clono-type Shares Idiotype Cross reactivity with Tetanus Antibodies from most Human Donors and Rabbits: Reactivity with Antibodies of Widely Differing Electrophoretic Mobility

3808 Differential Regulation of Activation, Clonal Expansion, and Antibody Secretion in Human B Cells

3817 B Lymphocyte Regulation of Human Hematopoiesis

3823 A Potential Role for Adrenocorticotropin in Regulating Human B Lymphocyte Functions

3827 Synergistic Action Of A23187 and Phorbol Ester on Human B Cell Activation

3831 In Vitro Immunization of Human Lymphocytes. I. Production of Human Monoclonal Antibodies against Bombesin and Tetanus Toxoid

3839 The In Vitro Production of Anti-DNA Antibody by Cultured Peripheral Blood or Tonsillar Lymphoid Cells from Normal Donors and SLE Patients

3845 The Lyb-35 Subset of B Cells Is Not Required for Lupus-like Autoantibody Formation Caused by Graft-vs-Host Reaction

3850 Autoimmunization in Murine Graft-vs-Host Disease. I. Selective Production of Antibodies to Histones and DNA

3857 Dietary Fat and Immune Function. I. Antibody Responses, Lymphocyte and Accessory Cell Function in [NZB × NZWF1 Mice

3864 Dietary Fat and Immune Function. II. Effects on Immune Complex Nephritis in [NZB × NZWF1 Mice

3869 Bacterial Lipopolysaccharide, Phorbol Myristate Acetate, and Muramyl Dipeptide Stimulate the Expression of a Human Monocyte Surface Antigen, Mo3e

Continued on page 5
Continued from page 4

C. R. Maliszewski, L. Shen, and M. W. Fanger
J. L. Ceuppens, F. J. Bloemen, and J. P. Van Wauwe
M. Yamamoto and A. Yano
Y. Shibata and A. Volkman
K. M. Bannister and C. B. Wilson
N. W. Boyce and S. R. Holdsworth
P. Autenried and P. F. Halloran
F. Sinigaglia, D. Scheidegger, G. Garotta, R. Scheper, M. Pletscher, and A. Lanza vecchia
G. Pantaleo, A. Moretta, C. Cillo, J. F. Eliason, and L. Moretta
F. Sanchez-Madrid, M. L. Toribio, F. Gambón, and M. O. de Landazuri

Continued on page 6
Continued from page 5

<table>
<thead>
<tr>
<th>Authors</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>T. H. Stanton, C. Tubbs, and J. Clagett</td>
<td>4021</td>
</tr>
<tr>
<td>C. H. Kirkpatrick, S. J. Rozzo, and J. J. Mascalii</td>
<td>4027</td>
</tr>
<tr>
<td>L. M. Green, M. L. Stern, D. L. Haviland, B. J. Mills, and C. F. Ware</td>
<td>4034</td>
</tr>
<tr>
<td>K. Frei, S. Bodmer, C. Schwerdel, and A. Fontana</td>
<td>4044</td>
</tr>
<tr>
<td>R. M. Pope, L. McChesney, N. Stebbing, L. Goldstein, and N. Talal</td>
<td>4048</td>
</tr>
<tr>
<td>C. M. Sorensen and C. W. Pierce</td>
<td>4054</td>
</tr>
</tbody>
</table>

**IMMUNOCHEMISTRY**

<table>
<thead>
<tr>
<th>Authors</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>M. Vaughn, M. Taylor, and T. Mohanakumar</td>
<td>4059</td>
</tr>
<tr>
<td>G. Zenke, K. Eichmann, and F. Emmrich</td>
<td>4066</td>
</tr>
<tr>
<td>F. Gohl, P. P. Chen, B. Pons-Estel, D. A. Carson, and D. Frangione</td>
<td>4073</td>
</tr>
<tr>
<td>D. S. PIssetsky, S. O. Hoch, C. L. Klatt, M. A. O'Donnell, and J. D. Keene</td>
<td>4080</td>
</tr>
<tr>
<td>D. W. Thomas, M. J. Solvay, D. N. Irani, and R. Nairn</td>
<td>4086</td>
</tr>
<tr>
<td>K. Furukawa, M. J. Mattes, and K. O. Lloyd</td>
<td>4090</td>
</tr>
<tr>
<td>K. A. Robertson and W. R. McMaster</td>
<td>4095</td>
</tr>
<tr>
<td>E. C. Bottger, T. Hoffman, U. Haelding, and D. Bitter-Suermann</td>
<td>4100</td>
</tr>
</tbody>
</table>

**IMMUNOPHARMACOLOGY**

<table>
<thead>
<tr>
<th>Authors</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Z. Brahami, R. A. Bray, and S. I. Abrams</td>
<td>4108</td>
</tr>
<tr>
<td>M. Rola-Plesczynski, L. Gagnon, D. Bolduc, and G. Le-Breton</td>
<td>4114</td>
</tr>
<tr>
<td>K. A. Muirhead, P. Bender, N. Hanna, and G. Poste</td>
<td>4120</td>
</tr>
<tr>
<td>D. W. MacGlashan Jr., M. Dembo, and B. Goldstein</td>
<td>4129</td>
</tr>
</tbody>
</table>

Continued on page 7
MICROBIAL IMMUNOLOGY

E. M. Carvalho, W. D. Johnson, E. Barreto, P. D. Marsden, F. D. Marsden, J. L. M. Costa, S. Reed, and H. Rocha
D. L. Sacks, L. V. Kirchhoff, S. Hieny, and A. Sher
S. D. Sharma, J. M. Hofflin, and J. S. Remington
W. J. Britton, L. Hellqvist, A. Bastea, and R. L. Raison
A. Tagliabue, L. Villa, D. Borsa, G. Peri, V. De Gori, and L. Nencioni
V. J. Dindzans, P. J. MacPhee, L. S. Fung, J. L. Leibowitz, and G. A. Levy
L. M. de la Maza, E. M. Peterson, C. W. Fennie, and C. W. Czarniecki

Cell Mediated Immunity in American Cutaneous and Mucosal Leishmaniasis
Trypanosoma cruzi: Expression of Antigens on the Membrane Surface of Parasitized Cells
Molecular Mimicry of a Carbohydrate Epitope on a Major Surface Glycoprotein of Trypanosoma cruzi by Using Anti-Idiotype Antibodies
In Vivo Recombinant Interleukin 2 Administration Enhances Survival against a Lethal Challenge with Toxoplasma gondii
Immunochronical Analysis of the Types Ia and Ib Group B Streptococcal Polysaccharides

MOLECULAR GENETICS • MOLECULAR BIOLOGY

D. S. Ucker, Y. Kurasawa, and S. Tonegawa
S. K. Sikder, P. N. Akolkar, P. M. Kaladas, S. L. Morrison, and E. A. Kabat
J. L. Gallarda, K. S. Gleason, and K. L. Knight
B. H. Keller, F. E. Ward, R. DeMars, and H. T. Orr
R. D. Salter, J. Alexander, F. Levine, D. Pious, and F. Creswell
R. T. Ogata and D. S. Sepich
M. Criado, J. M. Lindstrom, C. G. Anderson, and O. Dennert

An Unusual Clonotypic Determinant on a Cytotoxic T Lymphocyte Line Is Encoded by an Immunoglobulin Heavy Chain Variable Region Gene
Sequences of Variable Regions of Hybridoma Antibodies to α(1 → 6)Dextran in BALB/c and C57BL/6 Mice
Organization of Rabbit Immunoglobulin Genes. I. Structure and Multiplicity of Germ-line VH Genes
Comparison of Multiple HLA-A Alleles at the DNA Level by Using Southern Blotting and HLA-A Specific Probes
Evidence for Two Trans-Acting Genes Regulating HLA Class II Antigen Expression
Murine Sex-Limited Protein: Complete cDNA Sequence and Comparison with Murine Fourth Complement Component
Cytotoxic Granules from Killer Cells: Specificity of Granules and Insertion of Channels of Defined Size into Target Membranes

TUMOR IMMUNOLOGY

C. F. Garcia, J. Lowder, T. C. Meeker, J. Bindl, R. Levy, and R. Warnke
A. C. Bloem, C. J. Heijnen, B. J. E. G. Bast, and R. E. Ballieux
G. Fulop, M. Y. Lee, and C. Rosse

Differences in "Host Infiltrates" among Lymphoma Patients Treated with Anti-Idiotype Antibodies: Correlation with Treatment Response
T Cells in B Cell Chronic Lymphocytic Leukemia. II. Lack of Antigen-Specific T Suppressor Cells and Their Progenitors
A Granulocytosis-Inducing Tumor Inhibits the Production of B Lymphocytes in Murine Bone Marrow

Continued on page 8
Adoptive Immunotherapy of Murine Hepatic Metastases with Lymphokine Activated Killer (LAK) Cells and Recombinant Interleukin 2 (RIL 2) Can Mediate the Regression of both Immunogenic and Nonimmunogenic Sarcomas and an Adenocarcinoma

YAC-1 MHC Class I Variants Reveal an Association between Decreased NK Sensitivity and Increased H-2 Expression after Interferon Treatment or In Vivo Passage

Abrogation of Species Specificity for Activation of Tumoricidal Properties in Macrophages by Recombinant Mouse or Human Interferon-γ Encapsulated in Liposomes

Isolation and Characterization of In Vitro and In Vivo Functions of a Tumor-Specific T Suppressor Cell Clone from a BALB/c Mouse Bearing the Syngeneic ADJ-PC-5 Plasmacytoma