Continued from page 3


R. F. Todd III, L. M. Nadler, and S. F. Schlossman

S. A. Rosenberg, F. S. Ligler, V. Ugolini, and P. E. Lipsky

G. Janossy, N. Tidman, I. Ofek, and E. H. Beachey

G. M. Peterman, L. C. Altman, and L. Corey

G. Janossy, N. Tidman, E. S. Papageorgiou, P. C. Kung, and G. Goldstein

C. W. Distelhorst and B. M. Benutto

C. E. Rudd and J. G. Kaplan

Characterization of a Monoclonal Antibody (4F2) That Binds to Human Monocytes and to a Subset of Activated Lymphocytes

Antigens on Human Monocytes Identified by Monoclonal Antibodies

A Monoclonal Antibody That Identifies Human Peripheral Blood Monocytes Recognizes the Accessory Cells Required for Mitogen-Induced T Lymphocyte Proliferation

Blastogenic Responses of Human Lymphocytes to Structurally Defined Polypeptide Fragments of Streptococcal M Protein

Human T Lymphocyte Cooperation in Proliferative Responses to Specific Antigens, Mitogens, and Alloantigens

Distribution of T Lymphocyte Subsets in the Human Bone Marrow and Thymus: An Analysis with Monoclonal Antibodies

Glucocorticoid Receptor Content of T Lymphocytes: Evidence for Heterogeneity

Thymidine Transport in Human Lymphocytes Stimulated with Concanavalin A: Effect of Colchicine

IMMUNOCHEMISTRY

F. C. Kull, Jr. and P. Cuatrecasas


L. K. Curtiss and T. S. Edgington

L. M. McManus and P. K. Nakane

E. P. Lester, P. Lemkin, L. Lipkin, and H. L. Cooper

Y. Kaufmann, and G. Berke

M. Nonaka, N. Yamaguchi, S. Natsuume-Sakai, and M. Takahashi

M. Nonaka, S. Natsuume-Sakai, and M. Takahashi

S. Meuer, U. Ecker, U. Hadding, and D. Bitter-Suermann

P. L. Simon and W. F. Willoughby

D. R. Schultz and P. I. Arnold

D. P. Beebe and N. R. Cooper

B. W. Needleman, J. M. Weiler, and T. L. Feldbush


Preliminary Characterization of the Tumor Cell Cytotoxin in Tumor Necrosis Serum

Structural Analysis of the \( \mu \)-Chains Synthesized by Fetal Liver Hybridomas

The Biologic Activity of the Immunoregulatory Lipoprotein, LDL-In, is Independent of Its Free Fatty Acid Content

Mouse C1q: Light and Electron Microscopic Immunohistochemical Localization

A Two-Dimensional Electrophoretic Analysis of Protein Synthesis in Resting and Growing Lymphocytes in Vitro

Cell Surface Glycoproteins of Cytotoxic T Lymphocytes Induced in Vivo and in Vitro

The Complement System of Rainbow Trout (Salmo gairdneri). I. Identification of the Serum Lytic System Homologous to Mammalian Complement

The Complement System of Rainbow Trout (Salmo gairdneri). II. Purification and Characterization of the Fifth Component (C5)

Platelet-Serotonin Release by C3a and C5a: Two Independent Pathways of Activation

The Role of Subcellular Factors in Pulmonary Immune Function: Physicochemical Characterization of Two Distinct Species of Lymphocyte-Activating Factor Produced by Rabbit Alveolar Macrophages

Activation of First Component of Complement (C1) in Guinea Pig Serum by a Polysaccharide is Prevented by C1 Inhibitor

Neutralization of Vesicular Stomatitis Virus (HSV) by Human Complement Requires a Natural IgM Antibody Present in Human Serum

The Third Component of Complement Inhibits Human Lymphocyte Blastogenesis

Functional and Partial Chemical Characterization of the Carbohydrate Moieties of the IgE Receptor on Rat Basophilic Leukemia Cells and Rat Mast Cells

IMMUNOGENETICS AND TRANSPLANTATION

J. L. Press

C. J. Lucas, R. B. Levy, and G. M. Shearer

A. R. Brown and A. Nisonoff

A. R. Brown, E. Lamoyi, and A. Nisonoff

S. O. Sharrow, B. J. Mathieson, and A. Singer

T. Kohmo, H. Yamamoto, T. Mizuochi, and T. Hamaoa

The CBA/N Defect Defines Two Classes of T Cell-Dependent Antigens

Cytotoxic T Lymphocyte Responses against Alloantigens Exhibit Preferential Effector Cell Activity for H-2K or H-2D Region Products Similar to That for H-2 Restricted Responses

An Intrastain Cross-Reactive Idiotype Associated with Anti-p-Azophenylarsonate Antibodies of BALB/c Mice

Relationship of Idiotypes of the Anti-p-Azophenylarsonate Antibodies of A/J and BALB/c Mice

Cell Surface Appearance of Unexpected Host MHC Determinants on Thymocytes from Radiation Bone Marrow Chimeras

Detection of the Dominant Expression of the TEPC-15 Idiotypic Determinant(s) on Phosphorylcholine-Specific Suppressor T Lymphocytes in Vitro

Continued on page 5
Continued from page 4

<table>
<thead>
<tr>
<th>Authors</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>L. B. Wolosin and A. H. Greenberg</td>
<td>1456</td>
</tr>
<tr>
<td>A. H. Hale, M. J. Ruebush, D. T. Harris, and M. P. McGee</td>
<td>1485</td>
</tr>
<tr>
<td>H. Fujiwara, R. B. Levy, and G. M. Shearer</td>
<td>1522</td>
</tr>
<tr>
<td>M. Okada, T. H. Stanton, R. C. Kuppers, and C. S. Henney</td>
<td>1635</td>
</tr>
</tbody>
</table>

**TUMOR IMMUNOLOGY**

- N. Haran-Ghara, R. Krauthgamer, and A. Peled | 1241 |
- S. Gillis and J. Watson | 1245 |
- C. Riccardi, T. Barlozzari, A. Santoni, R. B. Herberman, and C. Cesarini | 1284 |
- M.-Y. Yeh, I. Hellstrom, and K. E. Hellstrom | 1312 |
- M. A. Cheever, P. D. Greenberg, and A. Fefer | 1318 |
- D. R. Parkinson, R. P. Brightman, and S. D. Waksal | 1460 |
- L. Enjuanes, J. C. Lee, and J. N. Ihle | 1478 |
- S. C. Wright and B. Bonavida | 1516 |
- D. Hudig, T. Haverty, C. Fulcher, D. Redelman, and J. Mendelson | 1569 |
- C. W. Reynolds and R. B. Herberman | 1581 |
- S. A. Anderson, P. C. Isakson, E. Puré, M. Multhead, J. W. Uhr, and E. S. Vitetta | 1603 |

**IMMUNOPATHOLOGY**

- L. B. Schwartz, R. A. Lewis, D. Seldin, and K. F. Austen | 1290 |
- R. A. Clark and S. Szot | 1295 |
- R. Hohlfeld, I. Kalies, F. Heinz, J. R. Kalden, and H. Wekerle | 1355 |
- M.-F. Tsan and R. C. Denison | 1387 |
- S. D. Cohen, E. Israel, B. Spiess-Meier, and M. A. Wainberg | 1415 |
- A. Fischer, A. Durandy, and C. Griscelli | 1452 |
- Z. Lando, D. Teitelbaum, and R. Arnon | 1526 |
- D. E. Singer, M. J. Moore, and R. M. Williams | 1553 |
- J. C. Mathison and R. J. Ulevitch | 1575 |
- J. B. Winfield, M. Shaw, R. P. Taylor, and R. A. Eisenberg | 1596 |

**GENETICS OF NATURAL ANTITUMOR ANTIBODY PRODUCTION**


**DIFFERENTIATION OF CYTOTOXIC T CELLS IN VITRO**

- R. A. Lewis | 1596 |

**IMMUNOSUPPRESSION IN A MURINE B CELL LEUKEMIA (BCL): ROLE OF AN ADHERENT CELL FOR CELL-MEDIATED LYMPHOLYSIS TO TRINITROPHENYL-SELF**

**ELICITATION OF H-2K AND H-2D ANTIGENS THAT FUNCTION AS SELF DETERMINANTS FOR CELL-MEDIATED LYMPHOLYSIS TO TRINITROPHENYL-SELF**

**THE DIFFERENTIATION OF CYTOTOXIC T CELLS IN VITRO. IV. INTERLEUKIN-2 PRODUCTION IN PRIMARY MIXED LYMPHOCYTE CULTURES INVOLVES COOPERATION BETWEEN QA-1" AND QA-1 "HELPER" T CELLS**

**PLASMINOGEN ACTIVATOR IS AN APPARENT LYMPHOCYTE MITOGEN**

**THE IMMUNOLOGIC RESPONSE IN MICE UNRESPONSIVE TO EXPERIMENTAL ALLERGIC ENCEPHALOMYELITIS**

**THE INHIBITION OF HUMAN NATURAL CYTOTOXICITY BY MACROMOLECULAR ANTIPROTEASES**

**CLONAL VARIATION IN EXPRESSION OF A HUMAN MELANOMA ANTIGEN DEFINED BY A MONOCLONAL ANTIBODY**

**ALTERED NATURAL KILLER CELL BIOLOGY IN C57BL/6 MICE AFTER LEUKEMOGENIC SPLIT-DOSE IRRADIATION**

**SELECTIVE LYSIS OF NK-SENSITIVE TARGET CELLS BY A SOLUBLE MEDIATOR RELEASED FROM MURINE SPLEEN CELLS AND HUMAN PERIPHERAL BLOOD LYMPHOCYTES**

**INHIBITION OF HUMAN NATURAL CYTOTOXICITY BY MACROMOLECULAR ANTIPROTEASES**

**IN VITRO AUGMENTATION OF RAT NATURAL KILLER (NK) CELL ACTIVITY**

**IMMUNOSUPPRESSION IN A MURINE B CELL LEUKEMIA (BCL): ROLE OF AN ADHERENT CELL IN THE SUPPRESSION OF PRIMARY IN VITRO ANTIBODY RESPONSES**

Continued on page 6
VIRAL AND MICROBIAL IMMUNOLOGY

A. A. Nash, J. Phelan, and P. Wildy

S. A. Huber, L. P. Job, K. R. Auld, and J. F. Woodruff

A. D. O'Brien, I. Scher, and E. S. Metcalf

D. G. Colley

M. P. Langford, D. A. Weigent, J. A. Georgiades, H. M. Johnson, and G. J. Stanton

COMMUNICATIONS

J. W. Goding

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

LETTER TO THE EDITOR

G. D. Wallace

Announcements

Author Index