120 (4)

This information is current as of April 12, 2017.

**Subscription**  Information about subscribing to *The Journal of Immunology* is online at:  
http://jimmunol.org/subscription

**Permissions**  Submit copyright permission requests at:  
http://www.aai.org/About/Publications/JI/copyright.html

**Email Alerts**  Receive free email-alerts when new articles cite this article. Sign up at:  
http://jimmunol.org/alerts
Contents

CELLULAR IMMUNOLOGY

D. Tartof and F. W. Fitch
M. Okada, T. Kishimoto, T. Igarashi, T. Teranishi, and Y. Yamamura
F. Lemonnier, M. Mescher, L. Sherman, and S. Burakoff
Z. Fishelson and G. Berke
G. Berke, R. Tzur, and M. Inbar
H. Y. Tse and R. W. Dutton
J. I. Willis-Carr and R. L. St. Pierre
M. Minami, M. Usui, T. Kanno, N. Tamura, and T. Matuhasi
J. J. Kenny, J. E. Merrill, and R. F. Ashman
G. Chu
S. B. Shurin and T. P. Stossel

1086 1097
Kinetics of CTL Induction by Concanavalin A LPS-or 8Br-Cyclic AMP-Induced Production of T Cell-Activating Factor(s) in Macrophage Tumor Cell Line J774.1

1114 The Induction of Cytolytic T Lymphocytes with Purified Plasma Membranes
1121 T Lymphocyte-Mediated Cytolysis: Dissociation of the Binding and Lytic Mechanisms of the Effector Cell
1378 Changes in Fluorescence Polarization of a Membrane Probe during Lymphocyte-Target Cell Interaction
1149 Separation of Helper and Suppressor T Lymphocytes. III. Positive and Negative Effects of Mixed Lymphocyte Reaction-Activated T Cells
1153 Effects of Vitamin B6 Deficiency on Thymic Epithelial Cells and T Lymphocyte Differentiation
1195 Demonstration of Two Types of Helper T Cells for Different IgG Subclass Responses to Dinitrophenylated Flagellin Polymer
1233 A Two-Step Centrifugation Procedure for the Purification of Sheep Erythrocyte Antigen-Binding Cells
1261 The Kinetics of Target Cell Lysis by Cytotoxic T Lymphocytes: A Description by Poisson Statistics
1305 Complement (C3)-Activated Phagocytosis by Lung Macrophages

CLINICAL IMMUNOLOGY

A. J. Strelkauskas, V. Schauf, B. S. Wilson, L. Chess, and S. F. Schlossman
R. L. Evans, H. Lazarus, A. C. Pentie, and S. F. Schlossman
J.-F. Delfraissy, P. Galanaud, J. Dormont, and C. Wallon
D. Santoli, L. Morelta, R. Lisak, D. Gilden, and H. Koprowski
S. K. Ackerman and S. D. Douglas
G. G. Cornwell III, J. B. Natvig, P. Westermark, and G. Husby
R. E. Rocklin and A. M. Urbano
J. K. Seeley and S. H. Golub

1169 1278 1423 1283 1369 1372 1385 1409 1415
B Lymphocyte Precursors in Human Bone Marrow: An Analysis of Normal Individuals and Patients with Antibody-Deficiency States
Isolation and Characterization of Naturally Occurring Subclasses of Human Peripheral Blood T Cells with Regulatory Functions
Two Functionally Distinct Subpopulations of Human T Cells that Collaborate in the Generation of Cytotoxic Cells Responsible for Cell-Mediated Lympholysis
Primary In Vitro Antibody Response of Human Peripheral Blood Lymphocytes: Role of Phagocytic Mononuclear Cells
Imbalances in T Cell Subpopulations in Multiple Sclerosis Patients
Purification of Human Monocytes on Microexudate-Coated Surfaces
Senile Cardiac Amyloid: Demonstration of a Unique Fibril Protein in Tissue Sections
Human Leukocyte Inhibitory Factor (LIF): Use of Benzoyl L-Arginine Ethyl Ester to Detect LIF Activity
Studies on Cytotoxicity Generated in Human Mixed Lymphocyte Cultures. I. Time Course and Target Spectrum of Several Distinct Concomitant Cytotoxic Activities

IMMUNOCHEMISTRY

R. A. Clark and S. J. Klebanoff
G. F. Dancey, T. Yasuda, and S. C. Kinsky

1102 1109
Role of the Classical and Alternative Complement Pathways in Chemotaxis and Opsonization: Studies of Human Serum Deficient in C4
Effect of Liposomal Model Membrane Composition on Immunogenicity
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inactivation of Antigen-Responsive Clones with Antiserum Specific for IgM or IgD</td>
<td>1139</td>
</tr>
<tr>
<td>Comparison of the Homogeneous, Primary Anti-Dextran B1355 Antibody Raised in BALB/c Mice with Protein 104E</td>
<td>1143</td>
</tr>
<tr>
<td>Measurement of IgE Antibody by an Antigen-Binding Assay: Correlation with PK Activity and IgG and IgA Antibodies to Allergens</td>
<td>1201</td>
</tr>
<tr>
<td>Characterization of Murine Colony-Forming B Cells. I. Distribution, Resistance to Anti-Immunoglobulin Antibodies, and Expression of la Antigens</td>
<td>1289</td>
</tr>
<tr>
<td>Breast Milk IgA Binds to Jejunal Epithelium in Suckling Rats</td>
<td>1333</td>
</tr>
<tr>
<td>Heterogeneity, Polypeptide Chain Composition, and Antigenic Reactivity of C3 Nephritic Factor</td>
<td>1389</td>
</tr>
<tr>
<td>The Subclass Specificity for the Binding of Murine Myeloma Proteins to Macrophage and Lymphocyte Cell Lines and to Normal Spleen Cells</td>
<td>1395</td>
</tr>
<tr>
<td>The Modulation of the Alternative Pathway of Complement in C2-Deficient Human Serum by Changes in Concentration of the Component and Control Proteins</td>
<td>1404</td>
</tr>
<tr>
<td>Isolation and Characterization of a Rabbit T-Lymphocyte-Specific Antigen</td>
<td>1429</td>
</tr>
<tr>
<td>Immune Response to Levan. I. Kinetics and Ontogeny of Anti-levan and Anti-inulin Antibody Response and of Expression of Cross-Reactive Idiotype</td>
<td>1436</td>
</tr>
</tbody>
</table>

**IMMUNOGENETICS AND TRANSPLANTATION**

<table>
<thead>
<tr>
<th>Author(s)</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>B. Chesebro and K. Wehrly</td>
<td>1081</td>
</tr>
<tr>
<td>L. D. Fast and D. P. Fan</td>
<td>1092</td>
</tr>
<tr>
<td>W. J. Mandy and A. D. Strosberg</td>
<td>1160</td>
</tr>
<tr>
<td>J. A. Mattingly and P. M. Webb</td>
<td>1274</td>
</tr>
<tr>
<td>P. D. Thomson, P. A. Rampy, and</td>
<td>1340</td>
</tr>
<tr>
<td>J. W. Jutila</td>
<td></td>
</tr>
<tr>
<td>B. Merchant, H. Snippe, E. F. Lizzi, and J. K. Inman</td>
<td>1362</td>
</tr>
<tr>
<td>M. A. Mandel and A. A. F. Mahmoud</td>
<td>1375</td>
</tr>
</tbody>
</table>

**IMMUNOPATHOLOGY**

<table>
<thead>
<tr>
<th>Author(s)</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>K. Kayashima, T. Koga, and K. Onoue</td>
<td>1127</td>
</tr>
<tr>
<td>J. M. Oliver, S. P. Spielberg, C. B. Pearson, and J. D. Schulman</td>
<td>1181</td>
</tr>
<tr>
<td>D. Gemsa, M. Seitz, W. Kramer, G. Till, and K. Resch</td>
<td>1249</td>
</tr>
<tr>
<td>B. Kyewski and H. Wekerle</td>
<td></td>
</tr>
</tbody>
</table>

**TUMOR IMMUNOLOGY**

<table>
<thead>
<tr>
<th>Author(s)</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>P. F. Bartlett, B. A. Fenderson, and M. Edidin</td>
<td>1211</td>
</tr>
</tbody>
</table>

*Continued on page 4*
Continued from page 3

F. Takei, J. G. Levy, and D. G. Kilburn 1218 Characterization of a Soluble Factor That Specifically Suppresses the in Vitro Generation of Cells Cytotoxic for Syngeneic Tumor Cells in Mice
A. M. Dvorak, A. B. Connell, K. Proppe, and H. F. Dvorak 1240 Immunologic Rejection of Mammary Adenocarcinoma (TA3-St) in C57BL/6 Mice: Participation of Neutrophils and Activated Macrophages with Fibrin Formation
B. Schechter, S. Segal, and M. Feldman 1268 Generation ofSuppressor Lymphocytes during Sensitization in Culture against A Syngeneic Tumor: Affinity Chromatography on Insolubilized Histamine
C. R. Carpenter, A. S. Rubin, and H. R. Bose, Jr. 1313 Suppression of the Mitogen-Stimulated Blastogenic Response during Reticuloendotheliosis Virus-Induced Tumorigenesis: Investigations into the Mechanism of Action of the Suppressor
V. L. Scofield and H. R. Bose, Jr. 1321 Depression of Mitogen Response in Spleen Cells from Reticuloendotheliosis Virus-Infected Chickens and Their Suppressive Effect on Normal Lymphocyte Responses
K. D. Elgert and W. L. Farrar 1345 Suppressor Cell Activity in Tumor-Bearing Mice. I. Dualistic Inhibition by Suppressor Lymphocytes and Macrophages
W. L. Farrar and K. D. Elgert 1354 Suppressor Cell Activity in Tumor-Bearing Mice. II. Inhibition of DNA Synthesis and DNA Polymerases by TBH Splenic Suppressor Cells

VIRAL AND MICROBIAL IMMUNOLOGY

W. Gerhard 1164 The Analysis of the Monoclonal Immune Response to Influenza Virus. III. The Relationship between Stimulation of Virus-Primed Precursor B Cells by Heterologous Viruses and Reactivity of Secreted Antibodies
N. N. Pearsall, B. L. Adams, and R. Bunni 1176 Immunologic Responses to Candida albicans. III. Effects of Passive Transfer of Lymphoid Cells or Serum on Murine Candidiasis
D. G. Colley, F. A. Lewis, and R. W. Goodgame 1225 Immune Responses during Human Schistosomiasis Mansoni. IV. Induction of Suppressor Cell Activity by Schistosome Antigen Preparations and Concanavalin A
W. Gerhard, Y. Iwasaki, and H. Koprowski 1256 The Central Nervous System-Associated Immune Response to Parainfluenza Type I Virus in Mice
M. J. Buchmeier and M. B. A. Oldstone 1297 Virus-Induced Immune Complex Disease: Identification of Specific Viral Antigens and Antibodies Deposited in Complexes during Chronic Lymphocytic Chorimeningitis Virus Infection

Announcements 1443
Errata 1445
Author Index 1446