138 (5)

J Immunol 1987; 138:1319-1653; ;
http://www.jimmunol.org/content/138/5.citation

This information is current as of April 16, 2017.
Contents

COMMUNICATIONS

L. E. Sivak, M. R. Harris, C. Kindle, and S. E. Cullen
Inhibition of Proteoglycan Synthesis Eliminates the Proteoglycan Form of La-Associated Invariant Chain and Depresses Antigen Presentation

J. Imboden, C. Weyand, and J. Goronzy
Antigen Recognition by a Human T Cell Clone Leads to Increases in Inositol Trisphosphate

CELLULAR IMMUNOLOGY

S. J. Mentzer, B. R. Smith, J. A. Barbosa, M. A. V. Crimmins, S. H. Herrmann, and S. J. Burakoff
CTL Adhesion and Antigen Recognition Are Discrete Steps in the Human CTL-Target Cell Interaction

C. G. Brooks and M. Holscher
Cell Surface Molecules Involved in NK Recognition of Cloned Cytotoxic T Lymphocytes

A. M. Churilla and V. L. Braciale
Lack of IL 2-Dependent Proliferation Despite Significant Expression of High-Affinity IL 2 Receptor on Murine Cytolytic T Lymphocyte Clones Late after Antigenic Stimulation

B. Fleischer
A Novel Pathway of Human T Cell Activation via a 103 kD T Cell Activation Antigen

C. M. Weyand, J. Goronzy, and C. G. Fathman
Modulation of CD4 by Antigenic Activation

M. Moser, T. Mizuochi, S. O. Sharrow, A. Singer, and G. M. Shearer
Graft-Vs-Host Reaction Limited to a Class II MHC Difference Results in a Selective Deficiency in L3T4+ But Not in Ly-T-2+ T Helper Cell Function

J. J. Kenny, G. Guelde, C. Hansen, and J. J. Mond
Synergistic Effects of the xid Gene in X Chromosome Congenic Mice. I. Inability of C3.CBA/N Mice to Respond to Thymus-Dependent Antigens in Adoptive Transfer Assays

Continued on page 4

THE JOURNAL OF IMMUNOLOGY (ISSN 0022-1767) is published twice each month by The American Association of Immunologists, 428 East Preston Street, Baltimore, MD 21202. Subscription rates $150 ($205 foreign): institutions $170 ($225 foreign): students $41 ($96 foreign): single copy $8 ($11 foreign). Indexed by Current Contents and Index Medicus. Second class postage paid at Baltimore, MD 21202 and at additional mailing offices. POSTMASTER: Send address changes to The Journal of Immunology at 428 East Preston Street, Baltimore, MD 21202. Copyright © 1986 by The American Association of Immunologists.

EDITORIAL OFFICE CHANGE

Beginning April 13, 1987, all new manuscripts will be sent to the new Editor-in-Chief:
Dr. Ethan Shevach
The American Association of Immunologists
9650 Rockville Pike
Bethesda, MD 20814

Manuscripts, correspondence, and matters relating to manuscripts submitted to The Journal of Immunology prior to April 13, 1987 will continue to be processed in the San Diego editorial office:
Dr. Joseph Feldman
The Journal of Immunology
3770 Tansy Street
San Diego, CA 92121
Continued from page 3

B. S. Zwilling, L. Vespa, and M. Massie 1372 Regulation of I-A Expression by Murine Peritoneal Macrophages: Differences Linked to the Bcg Gene

D. Rubinstein, A. K. Roska, and P. E. Lipsky 1377 Antigen Presentation by Liver Sinusoidal Lining Cells after Antigen Exposure in Vivo

H. Kashiba, S. C. Wright, and B. Bonavida 1383 Regulation of B Cell Maturation and Differentiation. I. Suppression of Pokeweed Mitogen-Induced B Cell Differentiation by Tumor Necrosis Factor (TNF)

---

CLINICAL IMMUNOLOGY • IMMUNOPATHOLOGY

J. L. Nelson, F. A. Nardella, I. R. Oppliger, and M. Mannik 1391 Rheumatoid Factors from Patients with Rheumatoid Arthritis Possess Private Repertoires of Idiotypes

U. I. H. Dahlgren, S. Ahlstedt, and L. Á. Hanson 1397 The Localization of the Antibody Response in Milk or Bile Depends on the Nature of the Antigen

M. E. Conley, M. A. Chan, and N. H. Sigal 1403 In Vitro Regulation of IgA Subclass Production. III. Selective Transformation of IgA1 Producing Cells by Epstein-Barr Virus

S. C. A. Adeniyi-Jones and K. Ozato 1408 Transfer of Antibodies Directed to Paternal Major Histocompatibility Class I Antigens from Pregnant Mice to the Developing Fetus

C. G. McAllister, B. Wiggert, G. J. Chader, T. Kuwabara, and I. Gery 1416 Uveitogenic Potential of Lymphocytes Sensitized to Interphotoreceptor Retinoid-Binding Protein

C. D. Surf, M. E. Gershwin, and A. Ahmed 1421 A Peripheral and Central T Cell Antigen Recognized by a Monoclonal Thymocytotoxic Autoantibody from New Zealand Black Mice

R. W. Meivold, D. M. Jokinen, R. L. Knobler, and H. L. Lipton 1429 Variations in Genetic Control of Susceptibility to Theiler’s Murine Encephalomyelitis Virus (TMEV)-Induced Demyelinating Disease. I. Differences between Susceptible SJL/J and Resistant BALB/c Strains Map near the T Cell β-Chain Constant Gene on Chromosome 6

L. L. Perry and M. E. Barzaga 1434 Kinetics Specificity of T and B Cell Responses in Relapsing Experimental Allergic Encephalomyelitis

C. Schmitt, K. Dellagi, E. Mihalescu, and J.-C. Brouet 1442 Detection of Cross-Reactive Determinants Shared by Human Monoclonal IgM Reacting with Myelin-Associated Glycoprotein

---

CYTOKINES • MEDIATORS • REGULATORY MOLECULES


T. Schwarz, A. Urbanska, F. Gschnait, and T. A. Lugner 1457 UV-Irradiated Epidermal Cells Produce a Specific Inhibitor of Interleukin 1 Activity

P. Stashenko, F. E. Dewhirst, W. J. Peros, R. L. Kent, and J. M. Ago 1464 Synergistic Interactions between Interleukin 1, Tumor Necrosis Factor, and Lymphotoxin in Bone Resorption

W. J. Ming, L. Bersani, and A. Mantovani 1469 Tumor Necrosis Factor Is Chemotactic for Monocytes and Polymorphonuclear Leukocytes

L. Borish and R. E. Rocklin 1475 Effects of Leukocyte Inhibitory Factor (LIF) on Neutrophil Phagocytosis and Bactericidal Activity

L. Borish and R. Rocklin 1480 Effects of Leukocyte Inhibitory Factor (LIF) on Neutrophil Mediated Antibody-Dependent Cellular Cytotoxicity

A. Kumar, J.-L. Moreau, D. Baran, and J. Thèze 1485 Evidence for Negative Regulation of T Cell Growth by Low Affinity Interleukin 2 Receptors

P. Jardieu, M. Akasaki, and K. Ishizaka 1494 Carrier-Specific Suppression of Antibody Responses by Antigen-Specific Glycosylation-Inhibiting Factors

Continued on page 5
### IMMUNOCHEMISTRY

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Associated Antigens, L24 and L25</td>
<td>L. H. Glimcher, B. S. Polla, A. Poljak, C. C. Morton, and D. J. McKean</td>
</tr>
<tr>
<td></td>
<td>IgM Antibodies</td>
<td>E. I. B. Peerschke and B. Gebrehiwet</td>
</tr>
<tr>
<td>1519</td>
<td>Murine Class II (Ia) Molecules Associate with Human Invariant Chain</td>
<td>L. P. Kahl and D. McMahon-Pratt</td>
</tr>
<tr>
<td>1524</td>
<td>Approaches to Augmenting the Immunogenicity of the Ganglioside GM2 in</td>
<td>F. C. Mohr and C. Fewtrell</td>
</tr>
<tr>
<td></td>
<td>Mice: Purified GM2 Is Superior to Whole Cells</td>
<td></td>
</tr>
<tr>
<td>1530</td>
<td>Nucleated Cell Killing by Complement: Effects of C5b-9 Channel Size and</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Extracellular Ca(^2+) on the Lytic Process</td>
<td></td>
</tr>
<tr>
<td>1537</td>
<td>Human Blood Platelets Possess Specific Binding Sites for C1q</td>
<td></td>
</tr>
</tbody>
</table>

### IMMUNOPHARMACOLOGY

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>1542</td>
<td>Diacylglycerol Mass Measurements in Stimulated HL-60 Phagocytes</td>
<td>J. E. Preiss, R. M. Bell, and J. E. Niedel</td>
</tr>
<tr>
<td>1546</td>
<td>Enhanced 5-Lipoxygenase Activity in Lung Macrophages Compared to Mon-</td>
<td>T. D. Bigby and M. J. Holtzman</td>
</tr>
<tr>
<td></td>
<td>ocyes from Normal Subjects</td>
<td></td>
</tr>
<tr>
<td></td>
<td>in Murine Mononuclear Phagocytes</td>
<td>C. S. Ramesha and W. C. Pickett</td>
</tr>
<tr>
<td>1559</td>
<td>Species-Specific Variations in the Molecular Heterogeneity of the</td>
<td>F. C. Mohr and C. Fewtrell</td>
</tr>
<tr>
<td></td>
<td>Platelet-Activating Factor</td>
<td></td>
</tr>
<tr>
<td>1564</td>
<td>IgE Receptor-Mediated Depolarization of Rat Basophilic Leukemia Cells</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Measured with the Fluorescent Probe Bis-Oxonol</td>
<td></td>
</tr>
</tbody>
</table>

### MICROBIAL IMMUNOLOGY

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>1571</td>
<td>Evidence That a Protective Membrane Epitope Is Involved in Early but</td>
<td>D. A. Harn, J. J. Quinn, C. M. Cianci, and A. I. Ko</td>
</tr>
<tr>
<td></td>
<td>Not Late Phase Immunity in Schistosoma mansoni</td>
<td></td>
</tr>
<tr>
<td>1581</td>
<td>Fibroblast Stimulation in Schistosomiasis. VII. Egg Granulomas Secrete</td>
<td>D. J. Wyler, H. P. Ehrlich, A. E. Postletwaite, R. Raghow, and M. M. Murphy</td>
</tr>
<tr>
<td></td>
<td>Factors That Stimulate Collagen and Fibronectin Synthesis</td>
<td></td>
</tr>
<tr>
<td>1587</td>
<td>Structural and Antigenic Characterization of a Species- and Promastigote-Specific Leishmania mexicana amazonensis Membrane Protein</td>
<td>L. P. Kahl and D. McMahon-Pratt</td>
</tr>
<tr>
<td>1596</td>
<td>Identification of Specific and Cross-Reactive Antigens of Leishmania donovani chagasi by Human Infection Sera</td>
<td>S. G. Reed, R. Badaro, and R. M. C. Lloyd</td>
</tr>
<tr>
<td>1602</td>
<td>Induction of Anti-AKR/Gross Virus Cytolytic T Lymphocytes in AKR.H-2b:</td>
<td>W. R. Green</td>
</tr>
<tr>
<td></td>
<td>Fv-1β Congenic Mice: Age-Dependent Conversion to a Nonresponder Phenotype</td>
<td></td>
</tr>
</tbody>
</table>

Continued on page 6
Continued from page 5

MOLECULAR BIOLOGY • MOLECULAR GENETICS

D. Primi, A.-M. Drapier, and P.-A. Cazenave 1607 Highly Preferential V_{H}-V_{L} Pairing in Normal B Cells Results in Antigen-Independent Selection of the Available Repertoire
M. Kaartinen and O. Makela 1613 Functional Analogues of the V_{G}ox1 Gene in Different Strains of Mice: Evolutionary Conservation but Diversity Based on V-J Joining
M. Uppenkamp, S. Pittaluga, E. H. Lipford, and J. Cossman 1618 Limited Diversity and Selection of Rearranged γ Genes in Polyclonal T Cells
M. Komatsu, E. Lamoyi, and R. G. Mage 1621 Genomic DNA Encoding Rabbit T Cell Receptor β-Chains: Isotypes and Allotypes of Cβ

TUMOR IMMUNOLOGY

R. J. van de Griend, W. J. M. Tax, B. A. van Krimpen, R. J. Vreugdenhil, C. P. M. Ronteltap, and R. L. H. Bolhuis 1627 Lysis of Tumor Cells by CD3+ 4′8′16′ T Cell Receptor αβ+ Clones, Regulated via CD3 and CD16 Activation Sites, Recombinant Interleukin 2, and Interferon β
R. Heicappell, S. Naito, Y. Ichinose, A. A. Creasey, L. S. Lin, and I. J. Fidler 1634 Cytostatic and Cytolytic Effects of Human Recombinant Tumor Necrosis Factor on Human Renal Cell Carcinoma Cell Lines Derived from a Single Surgical Specimen
P. G. Patek, Y. Lin, and J. L. Collins 1641 Natural Cytotoxic Cells and Tumor Necrosis Factor Activate Similar Lytic Mechanisms

Letters to the Editor 1653
Announcements 1654
Author Index 1656

EDITORIAL OFFICE CHANGE

Beginning April 13, 1987, all new manuscripts will be sent to the new Editor-in-Chief:
Dr. Ethan Shevach
The American Association of Immunologists
9650 Rockville Pike
Bethesda, MD 20814

Manuscripts, correspondence, and matters relating to manuscripts submitted to The Journal of Immunology prior to April 13, 1987 will continue to be processed in the San Diego editorial office:
Dr. Joseph Feldman
The Journal of Immunology
3770 Tansy Street
San Diego, CA 92121