139 (10)

J Immunol 1987; 139:3181-3549;
http://www.jimmunol.org/content/139/10.citation

This information is current as of April 16, 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

COMMUNICATION

S. L. Brown, L. R. Smith, and J. E. Blalock 3181 Interleukin 1 and Interleukin 2 Enhance Proopiomelanocortin Gene Expression in Pituitary Cells

CELLULAR IMMUNOLOGY

M. J. Redmond, M. Letellier, J. M. R. Parker, C. Lobe, C. Hav- ele, V. Paetkau, and R. C. Bleackley 3184 A Serine Protease [CCP1] Is Sequestered in the Cytoplasmic Granules of Cytotoxic T Lymphocytes

M. C. Bekoff, B. C. Cole, and H. M. Grey 3189 Studies on the Mechanism of Stimulation of T Cells by the Mycoplasma arthritidis-Derived Mitogen: Role of Class II E Molecules

P. L. Domen, A. Muckerheide, and J. G. Michael 3195 Cationization of Protein Antigens. III. Abrogation of Oral Tolerance

K. S. Sellins and J. J. Cohen 3199 Gene Induction by γ-Irradiation Leads to DNA Fragmentation in Lymphocytes

S. Haque, K. Saizawa, J. Rojo, and C. A. Janeway, Jr. 3207 The Influence of Valence on the Functional Activities of Monoclonal Anti-L3T4 Antibodies: Discrimination of Signaling from Other Effects

S. Ono, Y. Takahama, and T. Hamaoka 3213 Ia-Restricted B-B Cell Interaction. I. The MHC Haplotype of Bone Marrow Cells Present during B Cell Ontogeny Dictates the Self-Recognition Specificity of B Cells in the Polyclonal B Cell Activation by a B Cell Differentiation Factor, B151-TRF2

S. R. Schell, D. J. Nelson, H. A. Fozzard, and F. W. Fitch 3224 The Inhibitory Effects of K+ Channel-Blocking Agents on T Lymphocyte Proliferation and Lymphokine Production Are "Nonspecific"

S. Takada and E. G. Engleman 3231 Evidence for an Association between CD8 Molecules and the T Cell Receptor Complex on Cytotoxic T Cells


A. Weiss, P. F. Dazin, R. Shields, S. M. Fu, and L. L. Lanier 3245 Functional Competency of T Cell Antigen Receptors in Human Thymus

K. Kitamura, H. Kiyono, K. Fujihashi, J. H. Eldridge, D. R. Green, and J. R. McGhee 3251 Contrasuppressor Cells That Break Oral Tolerance Are Antigen-Specific T Cells Distinct from T Helper (L3T4+), T Suppressor (Lyt-2−), and B Cells

CLINICAL IMMUNOLOGY • IMMUNOPATHOLOGY

A. S. Freedman, G. Freeman, J. C. Horowitz, J. Daley, and L. M. Nadler 3260 B7, a B Cell-Restricted Antigen That Identifies Preactivated B Cells

J. C. Lee, M. J. DiMartino, B. J. Votta, and N. Hanna 3268 Effect of Auranofin Treatment on Aberrant Splenic Interleukin Production in Adjuvant Arthritic Rats

I. S. Klasen, R. M. T. Ladestein, I. G. Donselaar, W. B. van den Berg, R. Tees, and R. Benner 3275 Joint Inflammation in Mice Induced by a MT4+ Lyt-2− T Cell Clone: Characteristics and the Induction of Flare-Up Reactions

Continued on page 4
Continued from page 3

Mechanisms of HLA-DR Antigen Expression in Phytohemagglutinin-Activated T Cells in Man: Requirement of T Cell Recognition of Self-HLA-DR Antigen Expressed on the Surface of Monocytes

Polyreactive Autoantibodies Are Nephritogenic in Murine Lupus Nephritis

Gangliosides Induce Selective Modulation of CD4 from Helper T Lymphocytes

Phenotypic and Functional Deficiency of Natural Killer Cells in Patients with Chronic Fatigue Syndrome

An Antigen-Specific T8+ Human Clone of Cells with a Nonspecific Augmenting Function on the T4 Cell-B Cell Helper Interaction

CYTOKINES • MEDIATORS • REGULATORY MOLECULES

Signal Requirement for Interleukin 1-Dependent Interleukin 2 Production by a Human Leukemia-Derived HSB.2 Subclone

Accessory Function of Human Fibroblasts in Mitogen-Stimulated Interferon-γ Production by T Lymphocytes: Inhibition by Interleukin 1 and Tumor Necrosis Factor

Role of B Cell Stimulatory Factor 1/Interleukin 4 in Clonal Proliferation of B Cells

Synergistic and Antagonistic Effects of Recombinant Human Interleukin (IL) 3, IL-1α, and Granulocyte and Macrophage Colony-Stimulating Factors (G-CSF and M-CSF) on the Growth of GM-CSF-Dependent Leukemic Cell Lines

β-Adrenergic Receptor-Mediated Suppression of Interleukin 2 Receptors in Human Lymphocytes

Reduced Receptor Binding by a Human Interferon-γ Fragment Lacking 11 Carboxyl-Terminal Amino Acids

Phosphorylation of a Cytosolic 65-kDa Protein Induced by Interleukin 1 in Glucocorticoid-Pretreated Normal Human Peripheral Blood Mononuclear Leukocytes

Epitopes of Human Interferon-α Defined by the Reaction of Monoclonal Antibodies with α Interferons and Interferon Analogues

IMMUNOCHEMISTRY

Interferon-γ Is a Major Regulator of C1-Inhibitor Synthesis by Human Blood Monocytes

Mapping of C2, Bf, and C4 Genes to the Swine Major Histocompatibility Complex (Swine Leukocyte Antigen)

Structural Analysis of an HLA-B27 Functional Variant, B27d, Detected in American Blacks

A Human Hybrid Hybridoma

IMMUNOPHARMACOLOGY

Kinetics and Mechanisms of Recombinant Human Interleukin 1- and Tumor Necrosis Factor-α-Induced Changes in Circulating Numbers of Neutrophils and Lymphocytes

Continued on page 5
Continued from page 4

H. Yamamoto and T. Suzuki


J. K. Russell, B. A. Torres, and H. M. Johnson


C. K. MacArthur, E. J. Miller, and A. B. Cohen

J. J. O'Shea, K. B. Urdahl, H. T. Luong, T. M. Chused, L. E. Samelson, and R. D. Klausner


J.-M. Schröder, U. Mrowietz, E. Morita, and E. Christophers

J. G. Nedrud, X. Liang, N. Hague, and M. E. Lamm

J. A. Clark, N. H. Hunt, G. A. Butcher, and W. B. Cowden

J. L. Evans, W. J. Boyle, and J. P.-Y. Ting

A. K. L. So, J. Lindsay, J. Bodmer, and J. Trowsdale


Continued on page 6
<table>
<thead>
<tr>
<th>Author(s)</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>R. F. Graziano and M. W. Fanger</td>
<td>3536</td>
</tr>
<tr>
<td>Z. K. Ballas and W. Rasmussen</td>
<td>3542</td>
</tr>
</tbody>
</table>

Erratum

Announcements

Author Index