144 (10)

*J Immunol* 1990; 144:3651-4071; http://www.jimmunol.org/content/144/10.citation

This information is current as of April 20, 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

G. Brattsand, D. A. Cantrell, S. Ward, F. Ivars, and M. Gullberg

W. Chen, V. A. Reese, and M. A. Cheever


P. J. L. Lane, F. M. McConnell, G. L. Schieven, E. A. Clark, and J. A. Ledbetter


J. Plum, F. Koning, G. Leclercq, B. Tison, and M. de Smedt

W. Stohl, 2. Tovar, and N. Talal


J. C. Zuniga-Pflucker and A. M. Kruisbeek

CLINICAL IMMUNOLOGY • IMMUNOPATHOLOGY

P. Casali, M. Nakamura, F. Ginsberg-Fellner, and A. L. Notkins

O. Lantz, P. Alard, M. H. B. Arbia, G. Chavanel, D. Fries, A. Senik, and B. Charpentier

T. Shirai, M. Abe, H. Yagita, K. Okumura, H. C. Morse III, and W. F. Davidson

M. C. Sneller and W. Strober

A. Tarkowski, C. Lue, Z. Mole doveanu, H. Kiyono, J. R. McGhee, and J. Mestecky

D. M. Willerford, M. J. Gale, Jr., R. E. Benveniste, E. A. Clark, and W. M. Gallatin

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 $170 ($247 foreign): institutions $300 ($377 foreign): students $43 ($120 foreign): single copy $9 ($12 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 © 1990 by The American Association of Immunologists.

3784 IL-1β Modulation of Spontaneous Autoimmune Diabetes and Thyroiditis in the BB Rat

**CYTOKINES • MEDIATORS • REGULATORY MOLECULES**

- V. C. Broudy, K. Kaushansky, S. G. Shoemaker, B. B. Aggarwal, and J. W. Adamson
- F. J. Dumont, A. Altmeyer, M. J. Staruch, R. Dijkmans, K. G. Palfree, and P. A. Fischer
- J. Gauldie, W. Northemann, and G. H. Fey
- M. Hattori, H. Okazaki, Y. Ishida, M. Onuma, S. Kano, T. Honjo, and N. Minato
- U. V. Malipiero, K. Frei, and A. Fontana
- D. T. Nguyen, M. K. Eskandari, L. E. DeForge, C. L. Raiford, R. M. Strieter, S. L. Kunkel, and D. G. Remick
- P. D. Smith, C. L. Lamerson, H. L. Wong, L. M. Wahl, and S. M. Wahl

3789 Muramyl Dipeptide Induces Production of Hemopoietic Growth Factors in Vivo by a Mechanism Independent of Tumor Necrosis Factor

3795 Role of Protein Kinase C in IFN-Mediated LY-6E Antigen Induction

3804 IL-6 Functions as an Exocrine Hormone in Inflammation: Hepatocytes Undergoing Acute Phase Responses Require Exogenous IL-6

3809 Expression of Murine IL-2 Receptor β-Chain on Thymic and Splenic Lymphocyte Subpopulations as Revealed by the IL-2-Induced Proliferative Response in Human IL-2 Receptor α-Chain Transgenic Mice

3816 Production of Hemopoietic Colony-Stimulating Factors by Astrocytes

3822 Cyclosporin A Modulation of Tumor Necrosis Factor Gene Expression and Effects in Vitro and in Vivo

3829 Granulocyte-Macrophage Colony-Stimulating Factor Stimulates Human Monocyte Accessory Cell Function

**IMMUNOCHEMISTRY**

- R. A. Brooimans, A. A. J. van der Ark, W. A. Buurman, L. A. van Es, and M. R. Daha
- O. J. D'Cruz, G. G. Haas, Jr., and H. Lambert
- M. T. Hori and C. K. Abrass
- E. W. St. Clair, D. Kenan, J. A. Burch, Jr., J. D. Keene, and D. S. Pisetsky

3835 Differential Regulation of Complement Factor H and C3 Production in Human Umbilical Vein Endothelial Cells by IFN-γ and IL-1

3841 Evaluation of Antisperm Complement-Dependent Immune Mediators in Human Ovarian Follicular Fluid

3849 Isolation and Characterization of Circulating Immune Complexes from Rats with Experimental Membranous Nephropathy

3856 Clonotypes of Anti-DNA Antibodies Expressing Specific Idiotypes in Immune Complexes of Patients with Active Lupus Nephritis

3862 C3-Cleaving Membrane Proteinase: A New Complement Regulatory Protein of Human Melanoma Cells

3868 The Fine Specificity of Anti-La Antibodies Induced in Mice by Immunization with Recombinant Human La Autoantigen

**IMMUNOPHARMACOLOGY**

- J. E. Albina, C. D. Mills, W. L. Henry, Jr., and M. D. Caldwell

3877 Temporal Expression of Different Pathways of 1-Arginine Metabolism in Healing Wounds

Continued on page 5
Bimodal IgG4-Mediated Human Basophil Activation: Role of Eosinophils

Cyclosporin A Rapidly Inhibits Mediator Release from Human Basophils Presumably by Interacting with Cyclophilin

Superoxide Responses of Immune Complex-Stimulated Rat Alveolar Macrophages: Intracellular Calcium and Priming

Inhibition of Antigen-Induced Airway Hyperresponsiveness, but Not Acute Hypoxia nor Airway Eosinophilia, by an Antagonist of Platelet-Activating Factor

Phosphatidylethanolamine Is A Quantitatively More Important Source of Increased 1,2-Diacylglycerol than is Phosphatidylinositol in Mast Cells

Platelet Activation Induces Increased Fcγ Receptor Expression

Inhibition of Protein Kinase C and Anti-CD3-Induced Ca2+ Influx in Jurkat T Cells by a Synthetic Peptide with Sequence Identity to HIV-1 gp41

Lipocortins Are Major Substrates for Protein Kinase C in Extracts of Human Neutrophils

Constitutive Turnover of Inositol-Containing Phospholipids in B220+ T Cells

Release of Lactoferrin and Elastase in Human Allergic Skin Reactions

MICROBIAL IMMUNOLOGY

Eosinophil Degranulation: An Immunologic Determinant in the Pathogenesis of the Mazzotti Reaction in Human Onchocerciasis

Fluctuations in Subsets of Splenocytes and Isotypes of Ig in Young Adult and Aged Mice Resulting from Trypanosoma musculi Infections

Cellular Events in the Lymph Node and Lung of Mice with Influenza: Human Humoral Immunity to hsp70 during Trypanosoma cruzi Infection

Molecular Analysis of Immunosuppression Induced by Virus Replication in Lymphocytes

Trypanosomal Immunosuppressive Factor: A Secretion Product(s) of Trypanosoma cruzi That Inhibits Proliferation and IL-2 Receptor Expression by Activated Human Peripheral Blood Mononuclear Cells

The Regulation of Resistance to Schistosoma mansoni by Auto-Anti-Idiotype Immunity. II. Global Qualitative and Quantitative Regulation

Regulation of B Cell Responses to the Variant Surface Glycoprotein Molecule in Trypanosomiasis. I. Epitope Specificity and Idiotype Profile of Monoclonal Antibodies to the VSG of Trypanosoma brucei rhodesiense

Regulation of B Cell Responses to the Variant Surface Glycoprotein Molecule in Trypanosomiasis. II. Down-regulation of Idiotype Expression Is Associated with the Appearance of Lymphocytes Expressing Antidiotype Receptors

Antibody-Dependent Killing of Schistosoma mansoni Schistosomula in Vitro by Starch-Elicited Murine Macrophages: Critical Role of the Cell Surface Integrin Mac-1 in Killing Mediated by the Anti-M, 16,000 mAb B3A

Continued on page 6
### MOLECULAR BIOLOGY • MOLECULAR GENETICS

<table>
<thead>
<tr>
<th>Authors</th>
<th>Page No.</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>H. Gomi, T. Hozumi, S. Hattori, C. Tagawa, F. Kishimoto, and L. Björck</td>
<td>4046</td>
<td>The Gene Sequence and Some Properties of Protein H: A Novel IgG-Binding Protein</td>
</tr>
<tr>
<td>S. Tsukada, H. Sugiyama, Y. Oka, and S. Kishimoto</td>
<td>4053</td>
<td>Estimation of D Segment Usage in Initial D to JH Joinings in a Murine Immature B Cell Line: Preferential Usage of DFLIG, the Most 5’ D Segment and Dgs52, the Most JH-Proximal D Segment</td>
</tr>
</tbody>
</table>

### TUMOR IMMUNOLOGY

<table>
<thead>
<tr>
<th>Authors</th>
<th>Page No.</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>S. Ostrand-Rosenberg, A. Thakur, and V. Clements</td>
<td>4068</td>
<td>Rejection of Mouse Sarcoma Cells after Transfection of MHC Class II Genes</td>
</tr>
</tbody>
</table>

Erratum 4072

Author Index 4073