This information is current as of April 10, 2017.

149 (1)

http://www.jimmunol.org/content/149/1.citation

**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

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Formation of Complexes between Self-Peptides and MHC Class II Molecules in Cells Defective for Presentation of Exogenous Protein Antigens</td>
<td>E. K. Bikoff, O. Kanagawa, B. A. Nussrallah, M. E. Wiebenga, K. M. Murphy, H. C. Morse III, and F. R. Carbone</td>
</tr>
<tr>
<td>24</td>
<td>CD28-Induced T Cell Activation: Evidence for a Protein-Tyrosine Kinase Signal Transduction Pathway</td>
<td>S. Nakamura, J. Imanishi, and J. Minowada</td>
</tr>
<tr>
<td>30</td>
<td>R1-20, a Novel Monoclonal Antibody Reacting with a Molecule Distinct from Integrin Family Induces Homotypic Cell Aggregation</td>
<td>N. J. Poinder, C. Landon, P. J. Whiteley, and J. A. Kapp</td>
</tr>
<tr>
<td>38</td>
<td>Comparison of the T Cell Receptors on Insulin-Specific Hybridomas from Insulin Transgenic and Nontransgenic Mice: Loss of a Subpopulation of Self-Reactive Clones</td>
<td>L. L. Pritchard, R. Huchet, M. Bruley-Rosset, N. Riché, Z. Mishal, and O. Halle-Pannenko</td>
</tr>
<tr>
<td>45</td>
<td>Induction and Suppression of Delayed-Type Hypersensitivity to Non-MHC Antigens during Lethal Graft-versus-Host Reaction</td>
<td>P. Schafer, D. A. Portnoy, S. A. Brassell, and Y. Paterson</td>
</tr>
<tr>
<td>60</td>
<td>T Helper Cell Membranes Promote IL-4-Independent Expression of Germ-Line Cγ1 Transcripts in B Cells</td>
<td>F. Spertini, T. Chatila, and R. S. Geha</td>
</tr>
<tr>
<td>65</td>
<td>Signals Delivered via MHC Class II Molecules Synergize with Signals Delivered via TCR/CD3 to Cause Proliferation and Cytokine Gene Expression in T Cells</td>
<td>T. Suda and A. Zlotnik</td>
</tr>
<tr>
<td>71</td>
<td>In Vitro Induction of CD8 Expression on Thymic Pre-T Cells. II. Characterization of CD3+CD4+CD8α+ Cells Generated in Vitro by Culturing CD25+CD3+CD4+CD8α+ Thymocytes with T Cell Growth Factor-β and Tumor Necrosis Factor-α</td>
<td>D. Wegmann, M. Norbury-Glaser, B. Bergman, and K. Haskins</td>
</tr>
</tbody>
</table>

### CYTOKINES • MEDIATORS • REGULATORY MOLECULES

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>83</td>
<td>IL-2-Induced Signal Transduction Involves the Activation of Nuclear NF-κB Expression</td>
<td>N. Arima, W. A. Kuziel, T. A. Grdina, and W. C. Greene</td>
</tr>
<tr>
<td>92</td>
<td>Identification and Induction of Keratinocyte-Derived IL-10</td>
<td>A. H. Enk and S. I. Katz</td>
</tr>
<tr>
<td>96</td>
<td>Up-Regulation of Granulocyte-Macrophage Colony-Stimulating Factor (GM-CSF) Receptors in Murine Peritoneal Exudate Macrophages by Both GM-CSF and IL-3</td>
<td>K. Fan, Q. Ruan, S. H. Phan, M. Gharasee-Kermani, B. McGarry, L. L. Kunkel, and F. W. Wolber</td>
</tr>
<tr>
<td>103</td>
<td>Regulation of Rat Pulmonary Artery Endothelial Cell Transforming Growth Factor-β Production by IL-1β and Tumor Necrosis Factor-α</td>
<td>S. H. Phan, M. Gharasee-Kermani, B. McGarry, S. L. Kunkel, and F. W. Wolber</td>
</tr>
</tbody>
</table>

*Continued on page 4*
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>IL-4 and IL-2 Selectively Rescue T Helper Cell Subsets from Glucocorticoid-Induced Apoptosis</td>
<td>107</td>
</tr>
<tr>
<td>Granulocyte Colony-Stimulating Factor (G-CSF) Gene Transduction in Murine Adenocarcinoma Drives Neutrophil-Mediated Tumor Inhibition in Vivo: Neutrophils Discriminate between G-CSF-Producing and G-CSF-Nonproducing Tumor Cells</td>
<td>113</td>
</tr>
<tr>
<td>Comparative Stabilities in Vitro and in Vivo of a Recombinant Mouse Antibody FvCys Fragment and a bisFvCys Conjugate</td>
<td>120</td>
</tr>
<tr>
<td>Effect of H Chain V Region on Complement Activation by Immobilized Immune Complexes</td>
<td>127</td>
</tr>
<tr>
<td>Species Specificity in the Interaction of CD8 with the α3 Domain of MHC Class I Molecules</td>
<td>136</td>
</tr>
<tr>
<td>A Novel IgA Receptor Expressed on a Murine B Cell Lymphoma</td>
<td>143</td>
</tr>
<tr>
<td>Mechanisms of Lipopolysaccharide-Induced Neutrophil Retention: Relative Contributions of Adhesive and Cellular Mechanical Properties</td>
<td>154</td>
</tr>
<tr>
<td>Substituted Isocoumarins as Inhibitors of Complement Serine Proteases</td>
<td>163</td>
</tr>
<tr>
<td>Antigen Receptor-Mediated Protein Tyrosine Kinase Activity Is Regulated by a Pertussis Toxin-Sensitive G Protein</td>
<td>169</td>
</tr>
<tr>
<td>Simultaneous Depletion of CD4⁺ and CD8⁺ T Lymphocytes Is Required to Reactivate Chronic Infection with Toxoplasma gondii</td>
<td>175</td>
</tr>
<tr>
<td>Modulatory Effects of Epstein-Barr, Herpes Simplex, and Human Herpes-6 Viral Infections and Coinfections on Cytokine Synthesis: A Comparative Study</td>
<td>181</td>
</tr>
<tr>
<td>Primary Listerial Infections Are Exacerbated in Mice Administered Neutralizing Antibody to Macrophage Colony-Stimulating Factor</td>
<td>188</td>
</tr>
<tr>
<td>IL-4 Inhibits Macrophage-Mediated Killing of Plasmodium falciparum in Vitro: A Possible Parasite-Immune Evasion Mechanism</td>
<td>194</td>
</tr>
<tr>
<td>Plasma Lipopolysaccharide (LPS)-Binding Protein: A Key Component in Macrophage Recognition of Gram-Negative LPS</td>
<td>200</td>
</tr>
<tr>
<td>EBV Increases Phosphoinositide Kinase Activities in Human B Cells</td>
<td>207</td>
</tr>
<tr>
<td>Presentation of Three Different Viral Peptides, HTLV-1 TAX, HCMV gB, and Influenza Virus M1, Is Determined by Common Structural Features of the HLA-A2.1 Molecule</td>
<td>214</td>
</tr>
</tbody>
</table>
A. J. Feeney

R. Gonález-Quéntial and A. N. Theofilopoulos


B. Tjoa and D. M. Kranz

222 Predominance of V_{H}-D_{J_{H}} Junctions Occurring at Sites of Short Sequence Homology Results in Limited Junctional Diversity in Neonatal Antibodies

230 V_{\beta} Gene Repertoires in Aging Mice

237 Constitutive Monocyte-Restricted Activity of NF-M, a Nuclear Factor that Binds to a C/EBP Motif

244 Transcription of Unrearranged Ig H Chain Genes in Human B Cell Malignancies: Biased Expression of Genes Encoded within the First Duplication Unit of the Ig H Chain Locus

253 Diversity of T Cell Receptor-α Chain Transcripts from Hyperimmune Alloreactive T Cells

J. Juskelainen, A. Maenpää, M. Patarroyo, C. G. Galmberg, K. Somersalo, T. Tarkkanen, M. Kallio, and T. Timonen

J. Rogers and M. F. Mescher

M. Sensi, M. Bergomi, P. Panceri, C. Castelli, R. Lupetti, C. Traversari, G. Carbone, and G. Parmiani

260 Migration of Recombinant IL-2-Activated T and Natural Killer Cells in the Intercellular Space of Human H-2 Glioma Spheroids in Vitro: A Study on Adhesion Molecules Involved

269 Augmentation of in Vivo Cytotoxic T Lymphocyte Activity and Reduction of Tumor Growth by Large Multivalent Immunogen

277 Involvement of Somatically Acquired Ecotropic Viruses in the Immunogenicity of Nude-Transplanted NIH/3t3 Transformed Cell Lines


P. J. Doherty, S. X. Yang, R. M. Laxer, K. D. Silverman, R. Inman, and S. Pan

J. Golay, G. Cusmano, and M. Introna


F. Koning and C. Rust

F. Mollinedo, C. Burgaleta, G. Velasco, A. G. Arroyo, A. Acavedo, and I. Barasoin

M. S. Mulligan and P. A. Ward

H. Ribnichenow, D. Vitolo, S. Altarac, R. B. Herberman, and T. L. Whiteside

285 Internalization of HIV Glycoprotein gp120 Is Associated with Down-Modulation of Membrane CD4 and p56_Lck Together with Impairment of T Cell Activation

295 Evidence for Clonal Expansion of T Cell Receptor V_{\gamma}II^{+} T Cells in the Synovial Fluid of Patients with Arthritis

300 Independent Regulation of c-myc, B-myb, and c-myb Gene Expression by Inducers and Inhibitors of Proliferation in Human B Lymphocytes

309 Immunogenetics of Collagen-Induced Arthritis in Rats: Both MHC and Non-MHC Gene Products Determine the Epitope Specificity of Immune Response to Bovine and Chick Type II Collagens

317 Staphylococcal Enterotoxin-Mediated Human T-T Cell Interactions

323 Enhancement of Human Neutrophil Functions by a Monoclonal Antibody Directed against a 19-kDa Antigen

331 Immune Complex-Induced Lung and Dermal Vascular Injury: Differing Requirements for Tumor Necrosis Factor-α and IL-1

340 Role of Cytokines in the Adoptive Immunotherapy of an Experimental Model of Human Head and Neck Cancer by Human IL-2-Activated Natural Killer Cells

Continued on page 6
Continued from page 5

A. L. Van Dervort, M. E. Doerfler, P. Stuetz, and R. L. Danner

350 Failed Self-Tolerance and Autoimmunity in IgG Anti-DNA Transgenic Mice

359 Antagonism of Lipopolysaccharide-Induced Priming of Human Neutrophils by Lipid A Analogs

Author Index

PLEASE NOTE CHANGES IN "INFORMATION FOR CONTRIBUTORS"
4 Copies of Manuscript and Figures Now Required