This information is current as of April 30, 2017.

139 (1)

J Immunol 1987; 139:1-318; ;
http://www.jimmunol.org/content/139/1.citation
## Contents

### PRESIDENTIAL ADDRESS

W. E. Paul  
**Between Two Centuries: Specificity and Regulation in Immunology**

### COMMUNICATION

M. W. Vermeulen, J. R. David, and H. G. Remold  
**Differential mRNA in Human Macrophages Activated by Interferon-γ and Muramyl Dipeptide**

### CELLULAR IMMUNOLOGY

<table>
<thead>
<tr>
<th>Author(s)</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>C. M. Snapper and W. E. Paul</td>
<td>10</td>
</tr>
<tr>
<td>A. Bernard, H. C. Tran, and L. Boumsell</td>
<td>18</td>
</tr>
<tr>
<td>M. R. MacKenzie, T. G. Paglieroni, and N. L. Warter</td>
<td>24</td>
</tr>
<tr>
<td>S. Sone, T. Utsugi, A. Nii, and T. Ogura</td>
<td>29</td>
</tr>
<tr>
<td>O. Shapira-Nahor, E. Eynat, and S. Z. Ben-Sasson</td>
<td>35</td>
</tr>
<tr>
<td>T.-P. Lee, J. Venuti, I. Macara, R. Kawauchi, P. J. Davis, and B. K. Mookerjee</td>
<td>42</td>
</tr>
<tr>
<td>M. E. Kanof, W. Strober, and S. P. James</td>
<td>49</td>
</tr>
</tbody>
</table>

- **B Cell Stimulatory Factor-1 (Interleukin 4) Prepares Resting Murine B Cells to Secret IgG1 upon Subsequent Stimulation with Bacterial Lipopolysaccharide**
- **Three Different Erythrocyte Surface Molecules Are Required for Spontaneous T Cell Rosette Formation**
- **Multiple Myeloma: An Immunologic Profile. IV, The EA Rosette-Forming Cell Is a Leu-1 Positive Immunoregulatory B Cell**
- **Effects of Human Alveolar Macrophages on the Induction of Lymphokine (IL 2)-Activated Killer Cells**
- **Isotype Specificity of Antigen-Specific Helper Clone in Vivo**
- **Characteristics of Calmodulin Binding to Purified Human Lymphocyte Plasma Membranes**
- **Induction of CD4 Suppressor T Cells with Anti-Leu-8 Antibody**

### CLINICAL IMMUNOLOGY • IMMUNOPATHOLOGY

<table>
<thead>
<tr>
<th>Author(s)</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>J. D. Katz, R. Mitsuyasu, M. S. Gottlieb, L. T. Lebow, and B. Bonavida</td>
<td>55</td>
</tr>
<tr>
<td>N. S. Magnuson, L. E. Perryman, C. R. Wyatt, P. H. Mason, and J. E. Talmadge</td>
<td>61</td>
</tr>
<tr>
<td>D. A. Hafler, D. S. Benjamin, J. Burks, and H. L. Weiner</td>
<td>68</td>
</tr>
<tr>
<td>C. M. Gomez and D. P. Richman</td>
<td>73</td>
</tr>
<tr>
<td>K. M. Das, S. Sakamaki, M. Vecchi, and B. Diamond</td>
<td>77</td>
</tr>
</tbody>
</table>

- **Mechanism of Defective NK Cell Activity in Patients with Acquired Immunodeficiency Syndrome (AIDS) and AIDS-Related Complex. II. Normal Antibody-Dependent Cellular Cytotoxicity (ADCC) Mediated by Effector Cells Defective in Natural Killer (NK) Cytotoxicity**
- **Large Granular Lymphocytes from SCID Horses Develop Potent Cytotoxic Activity after Treatment with Human Recombinant Interleukin 2**
- **Myelin Basic Protein and Proteolipid Protein Reactivity of Brain- and Cerebrospinal Fluid-Derived T Cell Clones in Multiple Sclerosis and Postinfectious Encephalomyelitis**
- **Chronic Experimental Autoimmune Myasthenia Gravis Induced by Monoclonal Antibody to Acetylcholine Receptor: Biochemical and Electrophysiologic Criteria**
- **The Production and Characterization of Monoclonal Antibodies to a Human Colonic Antigen Associated with Ulcerative Colitis: Cellular Localization of the Antigen by Using the Monoclonal Antibody**

*Continued on page 4*
Continued from page 3

D. J. Chavez, J. A. McIntyre, J. A. Colliver, and W. P. Faulk
E. S. Cathcart, R. P. Mortensen, C. A. Leslie, J. M. Conte, and W. A. Gonnerman

Allogeneic Matings and Immunization Have Different Effects on Nulliparous and Multiparous Mice

A Fish Oil Diet Inhibits Amyloid P Component (AP) Acute Phase Responses in Arthritis Susceptible Mice

---

Cytokines • Mediators • Regulatory Molecules

T. A. Bird and J. Saklatvala

Studies on the Fate of Receptor-Bound 125I-Interleukin 1β in Porcine Synovial Fibroblasts

P. J. Conlon, K. H. Grabstein, A. Alpert, K. S. Prickett, T. P. Hopp, and S. Gillis

Localization of Human Mononuclear Cell Interleukin 1


α-Melanocyte-Stimulating Hormone Exhibits Target Cell Selectivity in Its Capacity to Affect Interleukin 1-Inducible Responses in Vivo and in Vitro

M. Kennedy, P. Wassmer, and S. Erb

A Novel Role for Interleukin 2 in Antibody Responses: Down-Regulation of T Helper Cell Activation


Inhibition of IL 2-Driven Proliferation of Murine T Lymphocyte Clones by Supraoptimal Levels of Immobilized Anti-T Cell Receptor Monoclonal Antibody

J. D. Watson, M. Eszes, R. Overell, P. Conlon, M. Widmer, and S. Gillis

Effect of Infection with Murine Recombinant Retroviruses Containing the v-src Oncogene on Interleukin 2- and Interleukin 3-Dependent Growth States

G. H. Reem, S. Carding, and E. L. Reihnerz

Lymphokine Synthesis Is Induced in Human Thymocytes by Activation of the CD 2 (T11) Pathway


B Cell Stimulatory Factor-1 (Interleukin 4) Activates Macrophages for Increased Tumoricidal Activity and Expression of Ia Antigens

M. G. Goodman

Interaction between Cytokines and 8-Mercaptoguanosine in Humoral Immunity: Synergy with Interferon Internalization and Degradation of Receptor-Bound Interferon-γ by Murine Macrophages: Demonstration of Receptor Recycling

A. Celada and R. D. Schreiber

---

Immunopharmacology

E. Ninio, F. Joly, C. Hiebolt, G. Bessou, J. M. Mencia-Huerta, and J. Benveniste

Biosynthesis of PAF-Acether. IX. Role for a Phosphorylation-Dependent Activation of Acetyltransferase in Antigen-Stimulated Mouse Mast Cells

J. A. Warner, K. B. Yancey, and D. W. MacGlashan, Jr.

The Effect of Pertussis Toxin on Mediator Release from Human Basophils

V. J. Merluzzi, R. B. Faanes, M. Czajkowski, K. Last-Barney, P. C. Harrison, J. Kahn, and R. Rothlein

Membrane-Associated Interleukin 1 Activity on Human U937 Tumor Cells: Stimulation of PGE2 Production by Human Chondrosarcoma Cells

M. D. P. Boyle, V. A. Chiolo, M. J. P. Lawman, A. P. Gee, and M. Young

Urokinase: A Chemotactic Factor for Polymorphonuclear Leukocytes in Vivo

---

Immunochemistry

R. P. Braun and J. S. Lee

Equilibrium Binding Parameters of an Autoimmune Monoclonal Antibody Specific for Double-Stranded DNA

J. C. Edberg, G. A. Kujala, and R. P. Taylor

Clearance Kinetics and Immunochemistry in Rabbits of Soluble Antibody/DNA Immune Complexes: Effects of Antibody Class and DNA Conformation

S. K. Sanders, H. Kubagawa, T. Suzuki, J. L. Butler, and M. D. Cooper

IgM Binding Protein Expressed by Activated B Cells

T. Kaidoh and I. Gigli

Phylogeny of C4b-C3b Cleaving Activity: Similar Fragmentation Patterns of Human C4b and C3b Produced by Lower Animals

Continued on page 5