This information is current as of April 13, 2017.

121 (1)

J Immunol 1978; 121:1-399; ; http://www.jimmunol.org/content/121/1.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

F. Diaz-Espada, C. Martinez-Alonso, and R. R. Bernabe
D. D. Wood and P. M. Cameron
S. Kasakura
Z. Werb, R. Foley, and A. Munck
D. Y. Muirhead and G. Cudkowicz
F. Kierszenbaum and O. B. Budzko
R. F. Siliciano and C. S. Henney
J. F. Urban, Jr., T. Ishizaka, and K. Ishizaka
J. F. Urban, Jr. and K. Ishizaka
N. Adelman, S. Cohen, and T. Yoshida
E. L. Morgan, M. L. Rodrick, and C. H. Tempelis
J. W. Hadden, J. R. Sadlik, and E. M. Hadden
P. D. Greenberg and H. G. Bluestein
J. M. Fidler
Y. G. Alevy and J. R. Battisto
S. D. Miller, M.-S. Sy, and H. M. Claman
S. D. Miller, M.-S. Sy, and H. M. Claman
D. J. Scribner, H. L. Weiner, and J. W. Moorhead
J. Watson and C. Whitlock

Development of B Cell Subsets: Effects of Priming on In Vitro TNP-LPS Responsiveness
53 The Relationship between Bacterial Endotoxin and Human B Cell-Activating Factor
105 Cell Types Involved in Cytotoxicity Induced by Heated Cells and Inhibition of this Cytotoxicity by Anti-human B Cell Sera
115 Glucocorticoid Receptors and Glucocorticoid-Sensitive Secretion of Neutral Proteinas in a Macrophage Line
130 Subpopulation of Splenic T Cells Regulating and Anti-hapten Antibody Response. II. Distinct Functions of, and Sequential Requirements for, Helper and Amplifier Cells
166 Identification and Characterization of a New Subset of Rat T Lymphocytes
186 Studies on the Mechanism of Lymphocyte-Mediated Cytolysis. X. Enucleated Cells as Targets for Cytotoxic Attack
192 IgE-B Cell-Generating Factor from Lymph Node Cells of Rats Infected with Nippostrongylus brasiliensis. I. Source of IgE-B Cell-Generating Factor
199 IgE-B Cell-Generating Factor from Lymph Node Cells of Rats Infected with Nippostrongylus brasiliensis. II. Effector Mechanisms of IgE-B Cell-Generating Factor
225 Immunologic Tolerance in the Chicken. I. Isolation of Two Suppressive Fractions from Serum of Chickens Tolerant to Bovine Serum Albumin
231 The Induction of Macrophage Proliferation In Vitro by A Lymphocyte-Produced Factor
239 Antigen Recognition by Primed T Lymphocytes In Vitro. I. Separation of Recognitive and Proliferative Phases of Antigen-Induced T Cell Activation
245 The Induction of Hapten-Specific Immunologic Tolerance and Immunity in B Lymphocytes. III. In Vitro Evaluation of TNP-Specific Tolerance and Evidence for B Cell Deletion
255 Dextrans Alters Induction of Cell-Mediated Hypersensitivity
265 Suppressor T Cell Mechanisms in Contact Sensitivity. I. Efferent Blockade by Syninduced Suppressor T Cells
274 Suppressor T Cell Mechanisms in Contact Sensitivity. II. Afferent Blockade by Alloinduced Suppressor T Cells
377 Anti-immunoglobulin Stimulation of Murine Lymphocytes. V. Age-Related Decline in Fc Receptor-Mediated Immunoregulation
383 Effect of a Synthetic Adjuvant on the Induction of Primary Immune Responses in T-Cell-Depleted Spleen Cultures

CLINICAL IMMUNOLOGY

A. R. Hayward, L. Layward, P. Lyday, L. Moretta, M. Dagg, and A. R. Lawton
D. M. Callewaert, J. J. Lightbody, J. Kaplan, J. Jaroszewski, W. D. Peterson, Jr., and J. C. Rosenberg
S. Shaw, D. L. Nelson, and G. M. Shearer
S. Shaw and G. M. Shearer

1 Fc-Receptor Heterogeneity of Human Suppressor T Cells
81 Cytotoxicity of Human Peripheral Lymphocytes in Cell-Mediated Lympholysis, Antibody-Dependent Cell-Mediated Lympholysis and Natural Cytotoxicity Assays after Mixed Lymphocyte Culture
281 Human Cytotoxic Response In Vitro to Trinitrophenyl-Modified Autologous Cells. I. T Cell Recognition of TNP in Association with Widely Shared Antigens
290 Human Cytotoxic Response In Vitro to Trinitrophenyl-Modified Autologous Cells. II. Diversity of Self Determinants Recognized in Association with TNP
A. B. Schreiber, J. Hoebeke, Y. Bergman, J. Haimovich, and A. D. Strosberg
M. Loos and R. Thesen
O. ole-MoiYoi, J. Spragg, and K. F. Austen
S. I. Wie, K. J. Dorrington, and A. Froese
P. A. Montgomery and C. A. Skandra
V. R. Zurawski, Jr., J. Novotný, E. Haber, and M. N. Margolies
P. D. Gorevic, Y. Levo, B. Frankgione, and E. C. Franklin
R. M. Perlmutter, D. E. Briles, J. M. Greve, and J. M. Davie
W. D. Linscott and R. Ranken
J. J. Langone, M. D. P. Boyle, and T. Borsos
J. J. Langone, M. D. P. Boyle, and T. Borsos

IMMUNOGENETICS AND TRANSPLANTATION

D. W. Thomas
S. E. Cullen, T. H. Hansen, and J. Klein
G. B. Ahmann, D. H. Sachs, and R. J. Hodes
A. C. Whitmore, G. F. Babcock, and G. Haughton
C. G. Fathman, T. Watanabe, and A. Augustin
U. Yamashita, E. M. Shevach, and D. W. Thomas

IMMUNOPATHOLOGY

J. C. Roder, D. A. Bell, and S. K. Singhal
J. C. Roder, D. A. Bell, and S. K. Singhal
D. A. Bass, L. R. DeChatelet, and C. E. McCall
M. Osband and R. Parkman
D. Ellat, J. P. Reeves, A. D. Steinberg, and A. M. Schechter

Continued on page 4
Continued from page 3

<table>
<thead>
<tr>
<th>Author(s)</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>J. Warren, M. R. Sackettder, and C. A. Thuning</td>
<td>315</td>
</tr>
<tr>
<td>M. Dembo and B. Goldstein</td>
<td>345</td>
</tr>
</tbody>
</table>

- **Oxygen Immunosuppression:** Modification of Experimental Allergic Encephalomyelitis in Rodents
- **Theory of Equilibrium Binding:** Symmetric Bivalent Haptens to Cell Surface Antibody: Application to Histamine Release from Basophils
- **Histamine Release:** Due to Bivalent Panicilloyl Haptens Control by the Number of Cross-Linked IgE Antibodies on the Basophil Plasma Membrane

### TUMOR IMMUNOLOGY

<table>
<thead>
<tr>
<th>Author(s)</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>M. Hansson, K. Kärre, T. Bakacs, R. Kiesling, and G. Klein</td>
<td>6</td>
</tr>
<tr>
<td>M. M. Remacle-Bonnet, G. J. Pommier, C. Luc, R. J. Rance, and R. C. Depieds</td>
<td>44</td>
</tr>
<tr>
<td>J. B. Weinberg, H. A. Chapman, Jr., and J. B. Hibbs, Jr.</td>
<td>72</td>
</tr>
<tr>
<td>A. J. Treves, E. Heidelberger, M. Feldman, and H. S. Kaplan</td>
<td>86</td>
</tr>
<tr>
<td>P. Ralph, M. Ito, H. E. Broxmeyer, and I. Nakoinz</td>
<td>300</td>
</tr>
<tr>
<td>R. B. Herberman, M. E. Nunn, and H. J. Holden</td>
<td>304</td>
</tr>
<tr>
<td>K. J. Kim, F. I. Weinbaum, B. J. Mathieson, P. E. McKeever, and R. Asofsky</td>
<td>339</td>
</tr>
<tr>
<td>P. Brodt and J. Gordon</td>
<td>359</td>
</tr>
</tbody>
</table>

- **Intra- and Interspecies Reactivity:** Human and Mouse Natural Killer (NK) Cells
- **Nonspecific Suppressive and Cytostatic Activities:** Mediated by Human Colonic Carcinoma Tissue or Cultured Cell Extract
- **Characterization of the Effects of Endotoxin:** on Macrophage Tumor Cell Killing
- **In Vitro Sensitization:** of Human Lymphocytes against Histiocytic Lymphoma Cell Lines. II. Characterization of Two Different Effector Activities and of Suppressor Cells
- **Corticosteroids Block:** Newly Induced but Not Constitutive Functions of Macrophage Cell Lines: Myeloid Colony-Stimulating Activity Production, Latex Phagocytosis, and Antibody-Dependent Lysis of RBC and Tumor Targets
- **Low Density of Thy 1 Antigen:** on Mouse Effector Cells Mediating Natural Cytotoxicity against Tumor Cells
- **Characteristics of BALB/c T Cell Lymphomas:** Grown as Continuous in Vitro Lines
- **Anti-tumor Immunity in B Lymphocyte-Deprived Mice:** I. Immunity to a Chemically Induced Tumor

### VIRAL AND MICROBIAL IMMUNOLOGY

<table>
<thead>
<tr>
<th>Author(s)</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>D. L. Sacks, T. R. Rota, and A. B. MacDonald</td>
<td>204</td>
</tr>
<tr>
<td>A. Miller, H. C. Morse III, J. Winkelstein, and N. Nathanson</td>
<td>321</td>
</tr>
</tbody>
</table>

- **Separation and Partial Characterization:** of a Type-Specific Antigen from *Chlamydia trachomatis*
- **The Role of Antibody in Recovery:** from Experimental Rabies. I. Effect of Depletion of B and T Cells

**Announcements** 397  
**Erratum** 399  
**Author Index** 400