This information is current as of April 20, 2017.
Contents

CELLULAR IMMUNOLOGY

B. A. Araneo, T. Dowell, H. B. Moon, and R. A. Daynes 1737 Regulation of Murine Lymphokine Production in Vivo. Ultraviolet Radiation Exposure Depresses IL-2 and Enhances IL-4 Production by T Cells Through an IL-1-Dependent Mechanism

W. Bartlett, A. Michael, J. McCann, D. Yuan, E. Claasssen, and R. J. Noelle 1745 Cognate Interactions Between Helper T Cells and B Cells. II. Dissection of Cognate Help by Using a Class II-Restricted, Antigen-Specific, IL-2-Dependent Helper T Cell Clone

R. H. Carter, and D. T. Fearon 1755 Polymeric C3dg Primes Human B Lymphocytes for Proliferation Induced by Anti-IdM

N. K. Damle, and L. V. Doyle 1761 Stimulation via the CD3 and CD28 Molecules Induces Responsiveness to IL-4 in CD4+CD29+CD45R- Memory T Lymphocytes

J. R. Drake, E. A. Repasky, and R. B. Bankert 1768 Endocytosis of Antigen, Anti-Idiotype, and Anti-Immunoglobulin Antibodies and Receptor Re-Expression by Murine B-Cells

H. G. Durkin, S. M. Chice, E. Gaetjens, H. Bazin, L. Tarsay, and P. Dukor 1777 Origin and Fate of IgE-Bearing Lymphocytes. II. Modulation of IgE Isotype Expression on Peyer's Patch Cells by Feeding with Certain Bacteria and Bacterial Cell Wall Components or by Thymectomy

B. D. Evavold, and J. Quintans 1784 Accessory Cell Function of Th2 Clones

H. Kizaki, T. Tadakuma, C. Odaka, J. Muramatsu, and Y. Ishimura 1790 Activation of a Suicide Process of Thymocytes Through DNA Fragmentation by Calcium Ionophores and Phorbol Esters

S. MacPhail, and O. Stutman 1795 Specific Neonatal Induction of Functional Tolerance to Allogeneic Mls Determinants Occurs Intra thymically and the Tolerant State is Mls Haplo type-Specific

D. J. McConkey, P. Hartzell, J. F. Amador-Perez, S. Orrenius, and M. Jondal 1801 Calcium-Dependent Killing of Immature Thymocytes by Stimulation Via the CD3/T Cell Receptor Complex

R. J. Noelle, J. McCann, L. Marshall, and W. C. Bartlett 1807 Cognate Interactions between Helper T Cells and B Cells. Ill. Contact-Dependent, Lymphokine-Independent Induction of B Cell Cycle Entry by Activated Helper T Cells

L. F. Thompson, J. M. Ruedi, A. Glass, M. G. Low, and A. H. Lucas 1815 Antibodies to 5'-Nucleotidase (CD73), a Glycosyl-Phosphatidylinositol-Anchored Protein, Cause Human Peripheral Blood T Cells to Proliferate


CLINICAL IMMUNOLOGY • IMMUNOPATHOLOGY


Continued on page 4
Continued from page 3

B. Torok-Storb, L. Graf, and P. Shankar
A. H. Weiler, K. Simpson, M. Herzum, N. Van Houten, and S. A. Huber

1837 Inhibition of Erythroid Progenitor Growth is Mediated by Cytotoxic Lymphocytes and Not by Natural Killer Cells or Inf-y
Coxsackievirus-B3-induced Myocarditis: Virus Receptor Antibodies Modulate Myocarditis

---

**CYTOKINES • MEDIATORS • REGULATORY MOLECULES**

W. P. Arend, F. G. Joslin, R. C. Thompson, and C. H. Hannum
J. Browning, and A. Ribolini
T. Nishihara, Y. Ishihara, T. Noguchi, and T. Koga
P. N. Redlich, and S. E. Grossberg
J.-C. Renaud, A. Vink, and J. Van Snick

1851 An IL-1 Inhibitor from Human Monocytes. Production and Characterization of Biologic Properties
1859 Studies on the Differing Effects of Tumor Necrosis Factor and Lymphotoxin on the Growth of Several Human Tumor Lines
1868 Further Studies of the Role of Tumor Growth Factor-β in Human B Cell Function
1875 Recombinant Human IL-1α and -1β Potentiate IgE-Mediated Histamine Release from Human Basophils
1881 Membrane IL-1 Induces Bone Resorption in Organ Cultures
1887 Analysis of Antigenic Domains on Natural and Recombinant Human IFN-β by the Inhibition of Biologic Activities with Monoclonal Antibodies
1894 Accessory Signals in Murine Cytolytic T Cell Responses. Dual Requirement for IL-1 and IL-6

---

**IMMUNOCHEMISTRY**

C. Boyer, N. Auphan, J. Gabert, D. Blanc, B. Malissen, and A.-M. Schmitl-Verbulsht
Y. Nojima, S. Minota, A. Yamada, and F. Takaku
R. Ono, K. Sakaguchi, and S. Ferrone
R. Pulido, and F. Sánchez-Madrid
C. J. Thaler, W. P. Faulk, and J. A. McIntyre
L. S. Zalman, M. A. Brothers, and H. J. Müller-Eberhardt

1899 Monoclonal Antibodies Reactive With the T Cell Receptor γ Chain: Production and Characterization Using a New Method
1905 Comparison of Phosphorylation and Internalization of the Antigen Receptor/CD3 Complex, CD8, and Class I MHC-Encoded Proteins on T Cells
1915 Identification of an Acidic Ribosomal Protein Reactive with Anti-Sm Autoantibody
1921 Modulation by Antidiotypic Monoclonal Antibodies of Immune Lysis Mediated by Anti-HLA Monoclonal Antibodies
1930 Biochemical Nature and Topographic Localization of Epitopes Defining Four Distinct CD45 Antigen Specificities. Conventional CD45, CD45R, 180 kDa (UCHL.1) and 220/205/190 kDa
1937 Soluble Antigens of IgE Receptor FcγRIII in Human Seminal Plasma
1943 Isolation of Homologous Restriction Factor from Human Urine. Immunological Properties and Biologic Activity

---

**IMMUNOPHARMACOLOGY**

T. D. Bigby, and N. Meslier
F. Di Virgilio, E. Bronte, D. Colavito, and P. Zanovello

1948 Transcellular Lipoxygenase Metabolism between Monocytes and Platelets
1955 Responses of Mouse Lymphocytes to Extracellular Adenosine 5'-Triphosphate (ATP). Lymphocytes with Cytotoxic Activity Are Resistant to the Permeabilizing Effects of ATP

Continued on page 5
C. Kreis, M. La Fleur, C. Ménard, R. Paquin, and A. D. Beaulieu  
R. Kurkasch, F. Elfman, and H. D. Perez  
J. P. Messina, and D. A. Lawrence  
N. Topley, J. Floege, K. Wessel, R. Hass, H. H. Radeke, V. Kaever, and K. Resch  
K. A. Yamaoka, H.-E. Claesson, and A. Rosen

1961 Thrombospondin and Fibronec tin are Synthesized by Neutrophils in Human Inflammatory Joint Disease and in a Rabbit Model of In Vivo Neutrophil Activation

1969 Polymorphonuclear Leukocytes CAP A Derivative of Wheat Germ Agglutinin Upon Stimulation with Formyl Peptide and C5a but Not Leukotriene B4

1974 Cell Cycle Progression of Glutathione-Depleted Human Peripheral Blood Mononuclear Cells is Inhibited at S Phase

1982 Mast Cells are Important in the Development of Hypersensitivity Pneumonitis. A Study with Mast-Cell-Deficient Mice

1989 Prostaglandin E2 Production is Synergistically Increased in Cultured Human Glomerular Mesangial Cells by Combinations of IL-1 and Tumor Necrosis Factor-α

1996 Leukotriene B4 Enhances Activation, Proliferation, and Differentiation of Human B Lymphocytes

2001 Enhancement of Macrophage IL-1 Production by Leishmania major Infection In Vitro and Its Inhibition by IFN-γ

2006 The Mapping of Epitopes of the 18-kDa Protein of Mycobacterium leprae Recognized by Murin T Cells in a Proliferation Assay

2013 Efficiency and Effectiveness of Cloned Virus-Specific Cytotoxic T Lymphocytes in Vivo

2017 Interdependence of CD4+ T Cells and Malarial Spleen in Immunity to Plasmodium vinckei vinckei. Relevance to Vaccine Development

2024 Immunodominant Sites of Human T-Cell Lymphotropic Virus Type 1 Envelope Protein for Murine Helper T-Cells

2031 Mouse Anti-Adenovirus Cytotoxic T Lymphocytes. Inhibition of Lysis by E3 gp19K but Not E3 14.7K

2038 Role of IFN-γ in Lethal and Nonlethal Malaria in Susceptible and Resistant Murine Hosts

2045 Importance of Endogenous IFN-γ for Prevention of Toxoplasmic Encephalitis in Mice

2051 Differential In Vitro Activation of CD4+CD8− and CD8+CD4− Herpes Simplex Virus-Specific Human Cytotoxic T Cells

2058 Murine Complement Receptor Gene Family. II. Identification and Characterization of the Murine Homolog (Cr2) to Human CR2 and Its Molecular Linkage to Cry

2068 A Novel Association of DQα and GQβ Gene in the DRw10 Haplotype. Determination of a DQw1 Specificity by the DQ β-Chain

2074 Quantitative Analysis of Idiotype Mimicry and Allelic Exclusion in Mice with a μ Ig Transgene

Continued on page 6
<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Erratum</td>
<td>2081</td>
</tr>
<tr>
<td>Announcements</td>
<td>2081</td>
</tr>
<tr>
<td>Author Index</td>
<td>2082</td>
</tr>
</tbody>
</table>