Contents

CELLULAR IMMUNOLOGY

N. Haeflner-Cavaillon, R. Chaby, J-M Cavaillon, and L. Szabó 1950 Lipopolysaccharide Receptor on Rabbit Peritoneal Macrophages. I. Binding Characteristics
L. D. Butler, S. D. Miller, and H. N. Claman 1963 Unresponsiveness in Hapten-Specific Cytotoxic Lymphocytes. II. Ability of Various TNP-Congeners to Induce Unresponsiveness after Repeated Treatments Beginning at Birth
M. S. Klampner and R. E. Rocklin 2040 Specific Binding of Leukocyte Inhibitory Factor to Neutrophil Plasma Membranes
G. Jennings and K. Shortman 2095 Antigen-Initiated B Lymphocyte Differentiation. XX. Colony-Forming B Lymphocytes Are Not Identical with the Intermediate, "Pre-progenitor" Subset of Primary or Secondary B Cells
M. O. Dailey, C. G. Fathman, E. C. Butcher, E. Pillemer, and I. Weissman 2134 Abnormal Migration of T Lymphocyte Clones
T. A. Luger, B. M. Stadler, B. M. Luger, B. J. Mathieson, M. Mage, J. A. Schmidt, and J. J. Oppenheim 2147 Murine Epidermal Cell-Derived Thymocyte-Activating Factor Resembles Murine Interleukin 1
B. K. Mookerjee and C. Y. Jung 2153 The Effects of Cytochalasins on Lymphocytes: Mechanism of Action of Cytochalasin A on Responses to Phytomitogens
J. A. Schmidt, S. B. MizeI, D. Cohen, and I. Green 2177 Interleukin 1, a Potential Regulator of Fibroblast Proliferation
S. V. S. Gollapudi and M. Kern 2206 A Novel Mitogen Released by Lipid A-Stimulated Bone Marrow Cells
B. A. Torres, W. L. Farrar, and H. M. Johnson 2217 Interleukin 2 Regulates Immune Interferon (IFNγ) Production by Normal and Suppressor Cell Cultures
R. V. Rouse, J. A. Ledbetter, and I. L. Weissman 2243 Mouse Lymph Node Germinal Centers Contain a Selected Subset of T Cells—The Helper Phenotype
A. Cohen and Z. Kimchi 2253 Regulation of Macrophage-Mediated Suppression by Purine Nucleoside Phosphorylase Substrates
R. A. Miller and O. Stutman 2258 Enumeration of IL 2-Secreting Helper T Cells by Limiting Dilution Analysis, and Demonstration of Unexpectedly High Levels of IL 2 Production per Responding Cell
G. Boltz-Nitulescu, J. M. Plummer, and H. L. Spiegelberg 2265 Fc Receptors for IgE on Mouse Macrophages and Macrophage-Like Cell Lines
M-K Ho and T. A. Springer 2281 Mac-1 Antigen: Quantitative Expression in Macrophage Populations and Tissues, and Immunofluorescent Localization in Spleen
B. A. Kyewski and H. S. Kaplan 2287 Lymphoepithelial Interactions in the Mouse Thymus: Phenotypic and Kinetic Studies on Thymic Nurse Cells
N. E. Phillips and P. A. Campbell 2319 IgG Subclass Distribution of Anti-Sheep Red Blood Cell Plaque-Forming Cells in Mice with the CBA/N Defect
M. L. Thoman and W. O. Weigle 2358 Cell-Mediated Immunity in Aged Mice: An Underlying Lesion in IL 2 Synthesis

Continued on page 4
CLINICAL IMMUNOLOGY

J. J. Fothergill, R. Wistar, Jr., J. N. Woody, and D. C. Parker 1945 A Mitogen for Human B Cells: Anti-Ig Coupled to Polyacrylamide Beads Activates Blood Mononuclear Cells Independently of T Cells

E. E. Uzgiris, S. H. Lockwood, and J. H. Kaplan 1975 Oscillation of Cell Surface Charge of Human Peripheral Blood Lymphocytes after Stimulation with Concanavalin A


G. Tosato, S. E. Pike, I. R. Koski, and R. M. Blaese 1986 Selective Inhibition of Immunoregulatory Cell Functions by Cyclosporin A

D. A. Campbell, Jr., J. R. Oehler, C. T. Tsai, A. F. LoBuglio, and J. E. Niederhuber 2057 Effect of Mouse Anti-I Region Antiserum and Complement on Human Mononuclear Cell Response to Concanavalin A

R. Tung and L. M. Lichtenstein 2067 In Vitro Histamine Release from Basophils of Asthmatic and Atopic Individuals in D₂O

N. E. Goeken 2081 Activity of Concanavalin A-Induced Suppressor Cells in Human MLR: Differential Effects on Primary MLR, Secondary MLR, and Memory Cell Precursors

D. M. Ford, A. Hamblin, and D. R. Burger 2170 Sensitization of Human Lymphocytes in Vitro: Genetic Restriction of Secondary T Cell Responses is Dictated by the HLA-DR Phenotype of Antigen-Presenting Cells

J. H. Morse, P. H. Ehrlich, and R. E. Canfield 2187 Extracts of Pregnancy Urine Contain a Mitogen for Human Peripheral Blood Lymphocytes (PBL)

C. L. Miller, C. J. Graziano, and R. C. Lim 2194 Human Monocyte Plasminogen Activator Production: Correlation to Altered μγ-T Lymphocyte Interaction

T. L. Gerrard and A. S. Fauci 2367 Activation and Immunoregulation of Antigen-Specific Human B Lymphocyte Responses: Multifaceted Role of the Monocyte

IMMUNOCHEMISTRY

E. P. Cowan, B. D. Schwartz, and S. E. Cullen 2019 Murine I-Aα α-Chain Subspecies with Glycosylation Differences

E. Pearlstein, J. Sorvillo, and I. Gigli 2036 The Interaction of Human Plasma Fibronectin with a Subunit of the First Component of Complement, C₁q

K-H Lee Hsu, R. N. Hiramoto, and V. K. Ghanta 2107 Immunosuppressive Effect of Mouse Serum Lipoproteins. II. In Vivo Studies

G. N. Callahan, W. J. Martin, and D. Pardi 2116 Biochemical Comparison of MHC Antigens Isolated from Mutant C3H/KB/HeN and Parent C3H/HeN Mice

T. A. Brown, M. W. Russell, and J. Mestecky 2183 Hepatobiliary Transport of IgA Immune Complexes: Molecular and Cellular Aspects

H. A. Stafford, K. L. Knight, and M. W. Fanger 2201 Receptors for IgA on Rabbit Lymphocytes. II. Characterization of Their Binding Parameters for IgA

R. A. Wetsel and W. P. Kolb 2209 Complement-Independent Activation of the Fifth Component (C₅) of Human Complement: Limited Trypsin Digestion Resulting in the Expression of Biologic Activity


D. D. Richman, P. H. Cleveland, M. N. Oxman, and K. M. Johnson 2300 The Binding of Staphylococcal Protein A by the Sera of Different Animal Species

R. Vander-Mallie, T. Ishizaka, and K. Ishizaka 2306 Lymphocytes Bearing Fc Receptors for IgE. VIII. Affinity of Mouse IgE for Fc, R on Mouse B Lymphocytes

J. Melamed, M. A. Arnaout, and H. R. Colten 2313 Complement (C₃b) Interaction with the Human Granulocyte Receptor: Correlation of Binding of Fluid-Phase Radiolabeled Ligand with Histaminase Release

D. R. Karp, J. D. Capra, J. P. Atkinson, and D. C. Shreffler 2336 Structural and Functional Characterization of an Incompletely Processed Form of Murine C4 and Sip

V. G. Cabana, H. Gewurz, and J. N. Siegel 2342 Interaction of Very Low Density Lipoproteins (VLDL) with Rabbit C-Reactive Protein


Continued on page 5
IMMUNOGENETICS AND TRANSPLANTATION

M. L. Markert and P. Cresswell 1999 Human B Cell Alloantigens: α Subunit Variability
M. L. Markert and P. Cresswell 2004 Human B Cell Alloantigens: Expression of MB and MT Determinants
V. Hauptfeld, T. J. Braciale, and D. C. Shreffler 2026 Differences in Expression of MHC Products between Several H-2-Restricted CTL Clones
H-D Chen and W. K. Silvers 2044 Studies on the Behavior of H-Y Incompatible Skin Grafts in Rats
A. V. Muchmore, J. M. Decker, and D. L. Mann 2063 Evidence That Antibodies React with Products of the Human HLA-DR Locus May Block in Vitro Antigen-Induced Proliferation by Inducing Suppression
L. M. Rose, M. Goldman, and P-H. Lambert 2126 The Production of Anti-Idiotypic Antibodies and of Idiotype-Anti-Idiotype Immune Complexes after Polyclonal Activation Induced by Bacterial LPS
J. L. Press 2236 H-2 Haplotype-Specific Conversion of the Ir Gene Phenotype Expressed by Low-Responder Mice Immunized with a p-Azophenylarsonate Conjugate of (T,G)-A--L
D. S. Pisetsky, S. A. Caster, J. B. Roths, and E. D. Murphy 2322 Ipr Gene Control of the Anti-DNA Antibody Response

IMMUNOPATHOLOGY

T. Yasaka, L. A. Boxer, and R. L. Baehner 1939 Monocyte Aggregation and Superoxide Anion Release in Response to Formyl-Methionyl-Leucyl-Phenylalanine (FMLP) and Platelet-Activating Factor (PAF)
S. Razuddin, R. F. Kibler, and D. C. Morrison 2073 Immunosuppression of Experimental Allergic Encephalomyelitis. III. In Vitro Evidence for Induction of Suppressor T Lymphocytes in Draining Lymph Node Cells of Animals Immunized with Myelin Basic Protein Complexed to Lipopolysaccharides
A. Nakanishi, Y. Imai, T. Nakano, and T. Osawa 2137 Induction of Autoimmune Phenomena in Normal Mice Treated with Natural Thymocyte  
Y. Ohsugi, M. E. Gershwin, A. Ahmed, R. R. Skelly, and D. R. Milich 2220 Studies of Congenitally Immunologic Mutant New Zealand Mice. VI. Spontaneous and Induced Autoantibodies to Red Cells and DNA Occur in New Zealand X-Linked Immunodeficient (XID) Mice without Phenotypic Alterations of the XID Gene or Generalized Polyclonal B Cell Activation
M. H. De Baets, B. Einarson, J. M. Lindstrom, and W. O. Weigle 2228 Lymphocyte Activation in Experimental Autoimmune Myasthenia Gravis
N. P. Stimler, M. K. Bach, C. M. Bloor, and T. E. Hugli 2247 Release of Leukotrienes from Guinea Pig Lung Stimulated by C5a Arg Anaphylatoxin

MICROBIAL IMMUNOLOGY

A. U. Krettli and Z. Brenner 2009 Resistance against Trypanosoma cruzi Associated to Anti-living Trypomastigote Antibodies
B. C. Cole, G. J. Sullivan, R. A. Daynes, I. A. Sayed, and J. R. Ward 2013 Stimulation of Mouse Lymphocytes by a Mitogen Derived from Mycoplasma arthritidis. II. Cellular Requirements for T Cell Transformation Mediated by a Soluble Mycoplasma Mitogen
D. E. Brels, M. Nahm, T. N. Marion, R. M. Perlmutter, and J. M. Davie 2032 Streptococcal Group A Carbohydrate Has Properties of Both A Thymus-Independent (T1-2) and A Thymus-Dependent Antigen
G. D. Bickle and M. J. Ford 2101 Studies on the Surface Antigenicity and Susceptibility to Antibody-Dependent Killing of Developing Schistosomula Using Sera from Chronically Infected Mice and Mice Vaccinated with Irradiated Cercariae

Continued on page 6
Continued from page 5

2111 Expression on Normal Lymphocytes of Two Cell Surface Antigens, XenCSA and GxK, Related to the Major Glycoproteins (gp70) of Murine Leukemia Viruses

G. B. Pier and R. B. Markham  
2121 Induction in Mice of Cell-Mediated Immunity to Pseudomonas aeruginosa by High Molecular Weight Polysaccharide and Vinblastine

N. Nogueira, S. Chapman, M. Resnick, J. Tydings, and Z. A. Cohn  
2142 Trypanosoma cruzi: Induction of Microbicidal Activity in Human Mononuclear Phagocytes

C. S. Reiss, M. E. Dorf, B. Benacerraf, and S. J. Burakoff  
2295 Genetic Control of the Cytolytic T Lymphocyte Response to Influenza Viruses: H-2D Genes Influence the Response to H-2K\textsuperscript{a} Plus Virus

TUMOR IMMUNOLOGY

J. A. Roth, E. A. Grimm, R. K. Gupta, and R. S. Ames  
1955 Immunoregulatory Factors Derived from Human Tumors. I. Immunologic and Biochemical Characterization of Factors That Suppress Lymphocyte Proliferative and Cytotoxic Responses in Vitro

2087 Mechanisms of Immune Lysis. III. Characterization of the Nature and Kinetics of the Cytotoxic T Lymphocyte-Induced Nuclear Lesion in the Target

C. Chang, R. Chang, P. T. Mora, and C-P Hu  
2160 Generation of Cytotoxic Lymphocytes by SV40-Induced Antigens

2276 Modulation of Chronic Lymphocytic Leukemia Cells by Phorbol Ester: Increase in Ia Expression, IgM Secretion and MLR Stimulatory Capacity

2326 Characterization of Five Cloned Murine Cell Lines Showing High Cytolytic Activity against YAC-1 Cells

COMMUNICATIONS

E. J. Eichwald, C. Jorgensen, and G. Graves  
2373 Cell-Mediated Hyperacute Rejection. IV. Lyt Markers and Adoptive Transfer

J. Yother, J. E. Volanakis, and D. E. Briles  
2374 Human C-Reactive Protein Is Protective against Fatal Streptococcus pneumoniae Infection in Mice

J. L. Komisar, J. A. Fuhrman, and J. J. Cebra  
2376 IgA-Producing Hybridomas Are Readily Derived from Gut-Associated Lymphoid Tissue

D. G. Hanson and S. D. Miller  
2378 Inhibition of Specific Immune Responses by Feeding Protein Antigens. V. Induction of the Tolerant State in the Absence of Specific Suppressor T Cells

Announcements  
2382

Erratum  
2384

Author Index  
2385

In accordance with the decision of the Council of the American Association of Immunologists, effective with Volume 128, No. 1, January 1982, authors will be charged $55 for each printed page of an article or a Communication.

We regret the printer’s error of $45 in the Information for Contributors.