Contents

CELLULAR IMMUNOLOGY


J. D. Ashwell, M. K. Jenkins, and R. H. Schwartz

P. E. Jensen

K. M. McNWy, P.-A. Cazenave, and M. D. Cooper

R. Testi, J. H. Phillips, and L. L. Lanier


J. F. Bohnsack and N. R. Cooper

J. D. Dasgupta, S. Watkins, H. L. C. Eisenlohr, W. Gerhard, Slayter, and E. J. Yunis and C. J. Hackett

C. E. Grier, III and A. M. Mastro

J. B. Vine, T. D. Geppert, and P. E. Lipsky

E. Azuma and J. Kaplan

Suppressor Cell-Inducing Factor: A New Lymphokine Secreted by a Natural Suppressor Cell Line with Natural Cytotoxic Activity. I. Purification to Apparent Homogeneity and Initial Characterization of Suppressor Cell-Inducing Factor

Effect of Gamma Radiation on Resting B Lymphocytes II. Functional Characterization of the Antigen-Presentation Defect

Protein Synthesis in Antigen Processing

BP-3 Alleloantigen: A Cell Surface Glycoprotein that Marks Early B Lineage Cells and Mature Myeloid Lineage Cells in Mice

Constitutive Expression of a Phosphorylated Activation Antigen (LEU 23) by CD3\textsuperscript{bright} Human Thymocytes

Inverse Relationship between Proliferation and Differentiation in a Human TNP-Specific B Cell Line: Cell Cycle Dependence of Antibody Secretion

CR2 Ligands Modulate Human B Cell Activation

Receptor-Like Nature of Class I HLA: Endocytosis via Coated Pits

Individual Class II-Restricted Antigenic Determinants of the Same Protein Exhibit Distinct Kinetics of Appearance and Persistence on Antigen-Presenting Cells

Lectin-Induced Phosphatidylinositol Metabolism in Lymphocytes Is Potenti- ated by Macrophages

T4 Cell Activation by Immobilized Phytohemagglutinin: Differential Capacity to Induced IL-2 Responsiveness and IL-2 Production

Role of Lymphokine-Activated Killer Cells as Mediators of Veto and Natural Suppression

CLINICAL IMMUNOLOGY • IMMUNOPATHOLOGY


T. Lapidot, T. S. Singer, O. Salomon, A. Terenzi, E. Schwartz, and Y. Reisner

A. Bendelac, C. Boitard, P. Bedossa, H. Bazin, J.-F. Bach, and C. Carraud

Impairment of in vitro Natural Antibacterial Activity in HIV-Infected Patients

Soluble IL-2 Receptor in Rheumatoid Arthritis: Correlation with Disease Activity, and IL-1 and IL-2 Inhibition

Booster Irradiation to the Spleen Following Total Body Irradiation: A New Immunosuppressive Approach for Allogeneic Bone Marrow Transplantation

Adoptive T-Cell Transfer of Autoimmune Nonobese Diabetic Mouse Diabetes does not Require Recruitment of Host B-Lymphocytes

CYTOKINES • MEDIATORS • REGULATORY MOLECULES

S. M. Laster, J. G. Wood, and L. R. Gooding

Tumor Necrosis Factor can Induce Both Apoptotic and Necrotic Forms of Cell Lysis

Continued on page 4
Antiproliferative Effect of IGN-7 in Immune Regulation. IFN-γ Inhibits the Proliferation of Murine Bone Marrow Cells Stimulated with IL-3, IL-4, or Granulocyte-Macrophage Colony-Stimulating Factor

Monoclonal Antibodies to Murine IL-1α: Production, Characterization, and Inhibition of Membrane-Associated IL-1 Activity

In Vivo Restoration of T Cell Functions by Human IL-1β or its 163-171 Nonapeptide in Immunodepressed Mice

A Monoclonal Antibody Reacting with Distinct Adhesion Molecules Defines a Transition in the Functional State of the Receptor CD11b/CD18 (Mac-1)

Characterization of the Murine T Cell Receptor for FceRII: Demonstration of Shared and Unshared Epitopes with the B Cell FceRII

Hyperimmunization Alters Fcy Antigenicity: Linkage to Glycosylation

Differential Functional Expression of the C8 Subunits: Primary Role of C8β in Assembly of Intact C8

Structural Polymorphism of the Human Platelet Fcy Receptor

Identification of Mouse J Chain in Human IgM Produced by an Electroporation-Derived Mouse-Human Heterohybridoma

Responsiveness to Human Mononuclear Cell-Derived Histamine-Releasing Factor: Studies of Allergic Status and the Role of IgE

Modulation of Urokinase-Type Plasminogen Activator and Plasminogen Activator Inhibitor-2 Expression by U-937 Mononuclear Phagocytes: Effects of 1α,25-Dihydroxyvitamin D3 and Phorbol Ester

Substance P Augmentation of CSF-1-Stimulated in vitro Myelopoiesis: A Two-Signal Progenitor Restricted, Tuftsin-like Effect

The Antigen-Binding T Cell Factor PC1-F Sensitizes Mast Cells for in vitro Release of Serotonin: Comparison with Monoclonal IGE Antibody

In vivo Modulation of Myelopoiesis by Prostaglandin E2 IV. Prostaglandin E2 Induction of Myelopoietic Inhibitory Activity

Genetic Restriction and Fine Specificity of Human T Cell Clones Reactive with Rabies Virus

Gene isolation by Use of Human T Lymphocyte Probes: Isolation of a Gene that Expresses an Epitope Recognized by T Cells Specific for Mycobacterium bovis Bacillus Calmette-Guerin and Pathogenic Mycobacteria

Fine Mapping of an H-2Kk Restricted Cytotoxic T Lymphocyte Epitope in SV40 Antigen By Using in-frame Deletion Mutants and a Synthetic Peptide

Intrinsic Resistance to Viral Infection: Mouse Macrophage Restriction of Herpes Simplex Virus Replication

Epitopes of the Mycobacterium tuberculosis 65 Kilodalton Protein Antigen as Recognized by Human T Cells
M. Ho, H. K. Webster, B. Green, S. Looaeresuwon, S. Kongchareon, and N. J. White
M. S. Bronze, D. S. McKinsey, E. H. Beachey, and J. B. Dale

2755 Defective Production of and Response to IL-2 in Acute Human Malaria
2760 Human Monoclonal Antibodies Reactive with Antigens of the Group A Streptococcus and Human Heart
2767 Protective Immunity Evoked by Locally Administered Group A Streptococcal Vaccines In Mice

M. A. Gollahon, J. Hagman, R. L. Brinster, and U. Storb
L. R. Hall, M. Streuli, S. F. Schlossman, and H. Saito
C. A. Pennell, L. W. Arnold, G. Haughton, and S. H. Clarke
D. Simmons and B. Seed
C. A. Gritzmacher, M. W. Robertson, and F.-T. Liu
K. Huppi, B. A. Mock, J. Hilgers, J. Kochan, and J.-P. Kinet
J. Santos-Aguado, J. A. Barbosa, P. A. Biro, and J. L. Strominger

2771 Igλ-Producing B Cells do not Show Feedback Inhibition of Gene Rearrangement
2781 Complete Exon-Intron Organization of the Human Leukocyte Common Antigen (CD45) Gene
2788 Restricted Ig Variable Region Gene Expression Among Ly-1+ B Cell Lymphomas
2797 Isolation of a cDNA Encoding CD33, a Differentiation Antigen of Myeloid Progenitor Cells
2801 IgE-Binding Protein: Subcellular Location and Gene Expression in Many Murine Tissues and Cells
2811 Molecular Characterization of Serologic Recognition Sites in the Human HLA-A2 Molecule

R. Yoshida, S. W. Park, H. Yasui, and O. Takikawa
M. Giovarelli, A. Santoni, C. Jemma, T. Musso, A. M. Giuffrida, S. Landolfo, and O. Forni
J. M. Derocq, P. Casellas, G. Laurent, S. Ravel, H. Vidal, and F. Jansen
E. K. Brightman, K. G. Chandy, R. H. Spencer, S. Gupta, P. K. Pattengale, and H. Fan
T. Y. Basham, E. R. Race, M. J. Campbell, T. R. Reid, R. Levy, and T. C. Merigan
L. Jaso-Friedmann, D. L. Evans, C. C. Grant, A. St. John, D. T. Harris, and H. S. Koren

2819 Tryptophan Degradation in Transplanted Tumor Cells Undergoing Rejection
2824 IL-4 is an Endogenous T Cell Growth Factor During the Immune Response to a Syngeneic Retrovirus-Induced Tumor
2831 Obligatory Role of IFN-γ in Induction of Lymphokine-Activated and T Lymphocyte Killer Activity, but not in Boosting of Natural Cytotoxicity
2837 Comparison of the Cytotoxic Potency of T101 Fab, F(ab’)2 and Whole IgG Immunotoxins
2844 Characterization of Lymphoid Tumors Induced by a Recombinant Murine Retrovirus Carrying the Avian v-myc Oncogene: Identification of Novel (B-lymphoid) Tumors in the Thymus
2855 Synergistic Antitumor Activity with IFN and Monoclonal Anti-Idiotype for Murine B Cell Lymphoma: Mechanism of Action
2861 Characterization by Monoclonal Antibodies of a Target Cell Antigen Complex Recognized by Nonspecific Cytotoxic Cells

Letters to the Editor

ERRATUM

Author Index

2871