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

COMMUNICATIONS

I. Nowowiejski-Wieder, T. M. Aune, C. W. Pierce, and D. R. Webb 556 Cellfree Translation of the Lymphokine Soluble Immune Response Suppressor (SIRS) and Characterization of its mRNA


R. D. Granstein, A. Lowy, and M. I. Greene 563 Epidermal Antigen-Presenting Cells in Activation of Suppression: Identification of a New Functional Type of Ultraviolet Radiation-Resistant Epidermal Cell

S. Romagnani, R. Biagiotti, M. Giudizi, F. Almerigogna, A. Alessi, and M. Ricci 566 Protein A and Enterotoxin A: Two Distinct Staphylococcus Mitogens for Human T Lymphocytes

A. El-Hag and R. A. Clark 569 Intact Natural Killer Activity in Chronic Granulomatous Disease: Evidence against an Oxygen-Dependent Cytotoxic Mechanism

P. Katz, A. M. Zaytoun, J. H. Lee, Jr., and A. S. Fauci 571 In Vivo Epstein Barr Virus-Induced Augmentation of Natural Killer Cell Activity in the Chédiak-Higashi Syndrome

H. Maeda and R. Hirata 574 Molecular Identifications of HLA-DR4, Homozygous B Cell Lines

CELLULAR IMMUNOLOGY

N. Shinohara and M. Kojima 578 Mouse Alloantibodies Capable of Blocking Cytotoxic T Cell Function. V. The Majority of I Region-Specific CTL Are Lyt-2+ but Are Relatively Resistant to Anti-Lyt-2 Blocking

K. Shortman, A. Wilson, and R. Scollay 584 Loss of Specificity in Cytolytic T Lymphocyte Clones Obtained by Limit Dilution Culture of Ly2+ T Cells


H. Brill, Th. W. van den Akker, B. D. Molendijk-Lok, A. T. J. Bianchi, and R. Benner 599 Influence of 2'-Deoxyguanosine upon the Development of DTH Effector T Cells Suppressor T Cells In Vivo

H. R. MacDonald and R. K. Lees 605 Frequency and Specificity of Precursors of Interleukin 2-Producing Cells in Nude Mice

J. A. Brieva, S. Targan, and R. H. Stevens 611 NK and T Cell Subsets Regulate Antibody Production by Human In Vivo Antibody-Induced Lymphoblastoid B Cells

C. D. Wood and G. Moller 616 Influence of RU 41,740, a Glycoprotein Extract from Klebsiella pneumoniae, on the Murine Immune System. I. T-Independent Polyclonal B Cell Activation

G. C. Tsokos, M. Berger, and J. E. Balow 622 Modulation of Human B Cell Immunoglobulin Secretion by the C3b Component of Complement

N. E. Phillips and D. C. Parker 627 Cross-Linking of B Lymphocyte Fcγ Receptors and Membrane Immunoglobulin Inhibits Anti-Immunoglobulin-Induced Blastogenesis

C. F. Scott, Jr., M. Tsurufuji, C. Y. Lu, R. Finberg, and M. S. Sy 633 Comparison of Antigen-Specific T Cell Responses in Autoimmune MRL/Mp-1pr/1pr and MRL/Mp-+/+ Mice

A. Lowy, P. M. Flood, A. Tomina, J. A. Drebin, J. Dambrauskas, R. K. Gershon, and M. I. Greene 640 Analysis of Hapten-Specific T Suppressor Factors: Genetic Restriction of Tsf1 Activity Analyzed with Synthetic Hybrid Suppressor Molecules

Continued on page 4
Continued from page 3

N. K. Damle, N. Mahaghehpour, and E. G. Engieman

M. L. Wood, R. Gottschalk, and A. P. Monaco

Y. Weinstein, S. Ran, and S. Segal


H-G Rammensee, A. Juretic, Z. A. Nagy, and J. Klein

C. M. Astle and D. E. Harrison

644 Soluble Antigen-Primed Inducer T Cells Activate Antigen-Specific Suppressor T Cells in the Absence of Antigen-Pulsed Accessory Cells: Phenotypic Definition of Suppressor-Inducer and Suppressor-Effector Cells

651 Comparison of Immune Responsiveness in Mice after Single or Multiple Donor-Specific Transfusions

656 Sex-Associated Differences in the Regulation of Immune Responses Controlled by the MHC of the Mouse

662 Monoclonal Antibodies Specific for Ia Glycoproteins Raised by Immunization with Activated T Cells: Possible Role of T Cellbound Ia Antigens as Targets of Immunoregulatory T Cells

668 Class I Restricted Interaction between Suppressor and Cytolytic Cells in the Absence of Antigen-Pulsed Accessory Cells: Phenotypic Definition of Suppressor-Inducer and Suppressor-Effector Cells

673 Effects of Marrow Donor and Recipient Age on Immune Response to Minor Histocompatibility Antigens

678 Anti-T Cell Monoclonal Antibodies Conjugated to Ricin as Potential Reagents for Human GVHD Prophylaxis: Effect on the Generation of Cytotoxic T Cells in both Peripheral Blood and Bone Marrow

684 Secretion of Immunoglobulin A by Human Milk Leukocytes Initiated by Surface Membrane Stimuli

690 Establishment of Cell Lines from Somatic Cell Hybrids between Human Monocytes and Mouse Myeloma Cells

695 Monocyte Receptors for the Fc Portion of IgG Are Increased in Systemic Lupus Erythematosus

701 Acute SLE in F1 Hybrids between SB/Le and NZW Mice: Prominently Enhanced Formation of gp70 Immune Complexes by a Y Chromosome-Associated Factor from SB/Le Mice

705 Increased Photosensitivity to Near-Ultraviolet Light in Murine SLE

711 Antigenic Modulation of Junctional Acetylcholine Receptor Is not Sufficient to Account for the Development of Myasthenia Gravis in Receptor Immunized Mice

718 Obese Strain (OS) Chickens with Spontaneous Autoimmune Thyroiditis Have a Deficiency in Thymic Nurse Cells

725 Dietary Fish Oil Augments the Induction of Arthritis in Rats Immunized with Type II Collagen

730 LDH Analysis of Human Thymocytes and Thymocyte Subsets

735 The T4 Surface Antigen Is Involved in the Induction of Helper Function

740 Small, Resting B Cells Can Be Induced to Proliferate by Direct Signals from Activated Helper T Cells

745 Modulation of Mononuclear Phagocyte Function by Intravenous γ-Globulin

751 The Interaction of Monoclonal Antibodies with MHC Class I Antigens on Mouse Spleen Cells. I. Analysis of the Mechanism of Binding

759 Epitope Mapping of the Human Surface Suppressor/Cytotoxic T Cell Molecule Tp32

766 A Novel Differentiation Antigen on Proliferating Murine Thymocytes Identified by a Rat Monoclonal Antibody

Continued on page 5
Reactivity of Antisera to Endogenous Primate Retrovirus with a Human T Cell Membrane Protein: Recognition of a Nonviral Glycoprotein by Antibodies Directed only against Carbohydrate Components

Elimination of Intestinally Absorbed Antigen into the Bile by IgA

The Mouse Heavy Chain Variable Region Marker, J606-GAC, Is not Restricted to Particular B Cell Isotypes or Subsets

Allotypic Specificities of Murine IgD and IgM Recognized by Monoclonal Antibodies

The Murine Lymphocyte Receptor for IgE. I. Isolation and Characterization of the Murine B Cell Fc, Receptor and Comparison with Fc, Receptors from Rat and Human

Activation of the First Component of Complement, Cl, by a Monoclonal Antibody Recognizing the C Chain of Clq

The Use of Monoclonal Antibodies as Probes of the Three-Dimensional Structure of Human Complement Factor D

Interferon and Natural Killing of Human Lymphoma Cell Lines after Induction of the Epstein Barr Viral Cycle by Supernatant

T Cell-Derived Glucocorticoid Response-Modifying Factor (GRMF): A Unique Lymphokine Made by Normal T Lymphocytes and a T Cell Hybridoma

Chemotactic Cytokines: The Role of Leukocytic Pyrogen and Epidermal Cell Thymocyte-Activating Factor in Neutrophil Chemotaxis

Regulation of TCGF Production in T Cells. II. Early Membrane Events after Anti-Thy-1 Binding by the TCGF-Producing T Lymphoma EL-4-G-12

Regulation of Interleukin 2 Receptor Expression on Murine Cytotoxic T Lymphocyte Clones

B Cell Maturation Factor: Effects on Various Cell Populations

Effect of Iron (III) in the Presence of Various Ligands on the Phagocytic and Metabolic Activity of Human Polymorphonuclear Leukocytes

Oxygen Metabolism in Cloned Macrophage Cell Lines: Glucose Dependence of Superoxide Production. Metabolic and Spectral Analysis

Prostaglandin E is Required for the Augmentation of Procoagulant Activity of LPS-Stimulated Rabbit Alveolar Macrophages

Responsiveness of Autoimmune and Normal Mice to Nucleic Acid Antigens

Human Anti-Pneumococci Antibody Produced by an Epstein Barr Virus (EBV)-Immortalized Cell Line

Six Antigénic Determinants in the Surface Layer of the Archae-bacterium Methanococcus vanniielli Revealed by Monoclonal Antibodies

Phenotypic Expression of Genetically-Controlled Natural Resistance to Mycobacterium bovis (BCG)

Killing of Leishmania tropica Amastigotes by Factors in Normal Human Serum

Antigens from Trichinella spiralis that Induce a Protective Response in the Mouse
Continued from page 5

F. Kierszenbaum and G. Sonnenfeld
R. W. Braun, H. K. Teute, H. Kirchner, and K. Munk
R. Tarchan and D. L. Nelson

905 β-Interferon Inhibits Cell Infection by Trypanosoma cruzi
909 Inhibition of Entry of Plasmodium falciparum and P. vivax Sporozoites into Cultured Cells: An In Vitro Assay of Protective Antibodies
914 Replication of Herpes Simplex Virus in Human T Lymphocytes: Characterization of the Viral Target Cell
920 Antigenic Structure of Hepatitis B Surface Antigen: Identification of the “d” Subtype Determinant by Chemical Modification and Use of Monoclonal Antibodies
928 Specificity of In Vitro Anti-Influenza Virus Antibody Production by Human Lymphocytes: Analysis of Original Antigenic Sin by Limiting Dilution Cultures

TUMOR IMMUNOLOGY

F. Colotta, G. Peri, A. Villa, and A. Mantovani
K. A. O’Connell and L. R. Gooding

936 Rapid Killing of Actinomycin D-Treated Tumor Cells by Human Mononuclear Cells. I. Effectors Belong to the Monocyte-Macrophage Lineage
945 Aggressiveness of SJL/J Lymphomas Correlates with Absence of H-2Ds Antigens
953 Cloned Cytotoxic T Lymphocytes Recognize Cells Expressing Discrete Fragments of the SV40 Tumor Antigen

MOLECULAR GENETICS

P. Levine and D. Pious
S. J. Smith-Gill, C. R. Mainhart, T. B. Lavoie, S. Rudikoff, and M. Potter

959 Revertants from the HLA Class II Regulatory Mutant 6.a.6: Implications for the Regulation of Ia Gene Expression
963 V_{\gamma-V_{\delta}} Expression by Monoclonal Antibodies Recognizing Avian Lysozyme

KROC FOUNDATION CONFERENCE: Effect of Total Lymphoid Irradiation on Autoimmune Disease and Transplantation Immunity

S. Strober
M. Weigensberg, S. Morecki, L. Weiss, Z. Fuks, and S. Slavin
A. Tanay and S. Strober
M. Waer, K. K. Ang, E. van der Schueren, and M. Vandeputte
M. Waer, K. K. Ang, E. van der Schueren, and M. Vandeputte
M. Moscovitch and S. Slavin
R. P. Lowry, R. D. Clark Forbes, and J. H. Blackburn
R. F. Lowry, R. D. Clark Forbes, C. B. Carpenter, K. E. Gurley, and J. P. Merrill

968 Overview: Effect of Total Lymphoid Irradiation on Autoimmune Disease and Transplantation Immunity
971 Suppression of Cell Mediated Immune Responses Following Total Lymphoid Irradiation (TLI) I. Characterization of Suppressor Cells of the Mixed Leukocyte Reaction
979 Opposite Effects of Total Lymphoid Irradiation on T Cell Dependent and T Cell Independent Antibody Responses
985 Influence of Radiation Field and Fractionation Schedule of Total Lymphoid Irradiation (TLI) on the Induction of Suppressor Cells and Stable Chimerism After Bone Marrow Transplantation in Mice
991 Allogeneic Bone Marrow Transplantation in Mice After Total Lymphoid Irradiation: Influence of Breeding Conditions and Strain of Recipient Mice
997 Anti-Tumor Effects of Allogeneic Bone Marrow Transplantation in (NZB × NZW) F1 Hybrids With Spontaneous Lymphosarcoma
1001 Immune Reactivity and Immunosuppressive Intervention (TLI) in Experimental Nephritis I. Immunopathologic Correlates in the Accelerated Autologous Form of Nephrototoxic Serum Nephritis
1007 Immune Reactivity and Immunosuppressive Intervention in Experimental Nephritis. II. Effect of TLI on the Course of Two Models of Nephritis in the Inbred Rat

Continued on page 7
Continued from page 6


J. A. Myburgh, J. A. Smit, J. H. Stark, and S. Browde


E. H. Field, E. G. Engleman, C. P. Terrell and S. Strober

A. Tanay, S. Strober, G. L. Logue and G. Schiffman

M. Waer, Y. Vanrenterghem, K. K. Ang, E. van der Schueren, P. Michielsen and M. Vandeputte

B. L. Kotzin, S. Strober, G. S. Kansas, C. P. Terrell and E. G. Engleman

Letters to the Editor 1013

Induction of Specific Unresponsiveness to Heart Allografts in Mongrel Dogs Treated with Total Lymphoid Irradiation and Anti-Thymocyte Globulin

Total Lymphoid Irradiation in Kidney and Liver Transplantation in the Baboon: Prolonged Graft Survival and Alterations in T Cell Subsets with Low Cumulative Dose Regimens

Differential Recovery of Circulating T-Cell Subsets After Nodal Irradiation for Hodgkin’s Disease

Reduced In Vitro Immune Responses of Purified Human Leu-3 (Helper/Inducer Phenotype) Cells After Total Lymphoid Irradiation

Use of Total Lymphoid Irradiation (TLI) in Studies of the T Cell-Dependence of Autoantibody Production in Rheumatoid Arthritis

Comparison of the Immunosuppression Effect of Fractionated Total Lymphoid Irradiation (TLI) vs Conventional Immunosuppression (CI) In Renal Cadaveric Allotransplantation

Suppression of Pokeweed Mitogen Stimulated Immunoglobulin Production in Patients with Rheumatoid Arthritis After Treatment with Total Lymphoid Irradiation

Announcements 1058

Erratum 1063

Author Index 1064