126 (2)

J Immunol 1981; 126:393-810; ;
http://www.jimmunol.org/content/126/2.citation

This information is current as of July 28, 2017.

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

K. Kudo, A. H. Sehon, and R. J. Schwenk  403 The Role of Antigen-Presenting Cells in the IgE Antibody Response. I. The Induction of High Titer IgE Antibody Responses in IgE High-Responder and Low-Responder Mice by the Administration of Antigen-Pulsed Macrophages in the Absence of Adjuvants


W. Y. Lee and A. H. Sehon  414 Suppression of the Anti-DNP IgE Response with Tolerogenic Conjugates of DNP with Polyvinyl Alcohol. II. Induction of Hapten-Specific Suppressor T Cells

J. W. Schrader  452 The in Vitro Production and Cloning of the P Cell, a Bone Marrow-Derived Null Cell That Expresses H-2 and Ia-Antigens, Has Mast Cell-Like Granules, and Is Regulated by a Factor Released by Activated T Cells

W. Borkowsky, and H. S. Lawrence  486 Deletion of Antigen-Specific Activity from Leukocyte Dialysates Containing Transfer Factor by Antigen-Coated Polystyrene

W-Z. Wei and R. R. Lindquist  513 Alloimmune Cytolytic T Lymphocyte Activity: Triggering and Expression of Killing Mechanisms in Cytolytic T Lymphocytes

Y. Cayre, A. de Sostoa, and A. E. Silverstone  553 Isolation of a Subset of Thymocytes Inducible for Terminal Transferase Biosynthesis

M. L. Thoman, E. L. Morgan, and W. O. Weigle  632 Fc Fragment Activation of T Lymphocytes. I. Fc Fragments Trigger Lyt 1+23- T Lymphocytes to Release a Helper T Cell-Replacing Activity

G. Degiovanni and N. Schaaf-Lafontaine  641 FCS-Activated Blast T Cells Inhibit the in Vitro Response of Memory CTL Precursors to Alloantigens by Removal of Factor(s) from MLC Supernatant

T. Hamaoka, K. Takatsu, K. Okuno, and T. Tsuchida  659 Functional Characterization of the Killer-Helper Factor Responsible for the Induction of Cytotoxic T Lymphocytes from Thymocytes, and Evidence for the Nature of This Factor as Distinct from T Cell-Replacing Factor (TRF) in Regards to B Cell Triggering


A. Prouvost-Danon, A. Abadie, C. Sapin, H. Bazin, and P. Druet  699 Induction of IgE Synthesis and Potentiation of Anti-Ovalbumin IgE Antibody Response by HgCl2 in the Rat

G. D. Wetzel and J. R. Kettman  723 Activation of Murine B Lymphocytes. III. Stimulation of B Lymphocyte Clonal Growth with Lipopolysaccharide and Dextran Sulfate

G. D. Marshall, Jr., G. B. Thurman, J. L. Rossio, and A. A. Goldstein  741 In Vivo Generation of Suppressor T Cells by Thymosin in Congenitally Athymic Nude Mice

J. Schnack, O. M. Rosen, B. Diamond, and B. R. Bloom  745 Modulation of Fc-Receptor Expression and Fc-Mediated Phagocytosis in Variants of a Macrophage-Like Cell Line

S. M. Walker, E. L. Morgan, and W. O. Weigle  766 Regulation of the in Vitro Secondary Antibody Response. II. Antigen-Induced Murine Splenic T Cell Proliferation

S. Wu and F. H. Bach  775 Helper Cells in Murine Thymus for the Generation of Primary Cytolytic T Lymphocyte (CTL) Responses in Vitro

D. S. Weinberg and E. R. Unanue  794 Antigen-Presenting Function of Alveolar Macrophages: Uptake and Presentation of Listeria monocytogenes

CLINICAL IMMUNOLOGY

A. Silva, M. Lopez-Botet, J. Alvarez, and M. O. de Landazuri  393 Enhancement of the Functional Activities of Human T Cells after Their Interaction with SRBC


Continued on page 4
Continued from page 4

B. L. Hamilton, M. J. Bevan, and R. Parkman
R. J. van de Griend, A. Astaldi, J. M. Vossen, L. J. Dooren, P. T. A. Schellekens, F. E. Zwaan, A. van den Ende, M. Roos, and D. Roos
W. O. Soto and R. E. Humphreys

621 Anti-Recipient Cytotoxic T Lymphocyte Precursors are Present in the Spleens of Mice with Acute Graft versus Host Disease Due to Minor Histocompatibility Antigens

636 T Lymphocyte Characteristics in Bone Marrow-Transplanted Patients. I. Changes in Biochemical Properties That Correlate with the Immunologic Reconstitution

759 Variation in the Synthesis of Membrane Proteins of Human T Lymphocytes during Mitogenic Activation: Recognition of a 70,000 Dalton Protein with Anti-p23,30 Heteroantisem and a Novel 42,000 Dalton Protein with Anti-p44,12 Heteroantisem

IMMUNOPATHOLOGY

G. A. Hashim

419 Experimental Allergic Encephalomyelitis: Activation of Suppressor T Lymphocytes by a Modified Sequence of the T Effector Determinant

D. Roos, A. A. M. Bot, M. L. J. van Schalk, M. de Boer, and M. R. Daha

433 Interaction between Human Neutrophils and Zymosan Particles: The Role of Opsonins and Divalent Cations

S. N. Vogel, L. L. Weedon, J. J. Oppenheim, and D. L. Rosen steich

441 Defective Fc-Mediated Phagocytosis in C3H/HeJ Macrophages. II. Correction by cAMP Agonists

M. R. Szewczuk and R. J. Campbell

472 Differential Effect of Aging on the Heterogeneity of the Immune Response to a T-Dependent Antigen in Systemic and Mucosal-Associated Lymphoid Tissues

S. H. Zigmond and R. L. Hargrove

478 Orientation of PMN in a pH Gradient: Acid-Induced Release of a Chemotactic Factor

A. M. Dvorak, M. Lett-Brown, D. Thueson, and J. A. Grant

523 Complement-Induced Degranulation of Human Basophils

H. Sano and C. Morimoto

538 Isolation of DNA from DNA/Anti-DNA Antibody Immune Complexes in Systemic Lupus Erythematosus

H. Nagura, P. D. Smith, P. K. Nakane, and W. R. Brown

587 IgA in Human Bile and Liver

C. F. Brosnan, M. B. Bornstein, and B. R. Bloom

614 The Effects of Macrophage Depletion on the Clinical and Pathologic Expression of Experimental Allergic Encephalomyelitis

L. C. Pontes de Carvalho, G. Wick, and I. M. Roit

750 Requirement of T Cells for the Development of Spontaneous Autoimmune Thyroiditis in Obese Strain (OS) Chickens

D. B. Magilavy, A. Rifai, and P. H. Plotz

770 An Abnormality of Immune Complex Kinetics in Murine Lupus

R. A. F. Clark, H. F. Dvorak, and R. B. Colvin

787 Fibronectin in Delayed-Type Hypersensitivity Skin Reactions: Associations with Vessel Permeability and Endothelial Cell Activation

H. D. Perez, I. M. Goldstein, R. O. Webster, and P. M. Henson

800 Enhancement of the Chemotactic Activity of Human C5a Des Arg by an Anionic Polypeptide ("Cochemotaxin") in Normal Serum and Plasma

TUMOR IMMUNOLOGY

S. M. Taffet and S. W. Russell

424 Macrophage-Mediated Tumor Cell Killing: Regulation of Expression of Cytolytic Activity by Prostaglandin E

A. Weiss, H. R. MacDonald, J.-C. Cerottini, and K. T. Brunner

482 Inhibition of Cytolytic T Lymphocyte Clones Reactive with Moloney Leukemia Virus-Associated Antigens by Monoclonal Antibodies: A Direct Approach to the Study of H-2 Restriction

J. M. Pesando, J. Ritz, H. Lazarus, K. J. Tomaseili, and S. F. Schlossman

540 Fate of a Common Acute Lymphoblastic Leukemia Antigen during Modulation by Monoclonal Antibody

R. Graham Smith, V. G. Dev, and W. A. Shannon, Jr.

596 Characterization of a Novel Human Pre-B Leukemia Cell Line

M. M. Zatz, B. J. Mathieson, C. Kanellopoulos-Langevin, and S. O. Sharrow

608 Separation and Characterization of Two Component Tumor Lines within the AKR Lymphoma, AKTA-1, by Fluorescence-Activated Cell Sorting and Flow Microfluorometry Analysis. I. The Coexistence of slg⁺ and slg⁻ Sublines

L. L. Lanier and N. L. Warner

626 Cell Cycle Related Heterogeneity of la Antigen Expression on a Murine B Lymphoma Cell Line: Analysis by Flow Cytometry

Continued on page 6
M. K. Robinson and E. F.Wheelock 673 Identification of Macrophage-Mediated Cytolytic Activity as a Tumor Suppressive Mechanism during Maintenance of the L5178Y-Tumor Dormant State in DBA/2 Mice

J. C. Lee, I. Horak, and J. N. Ihle 715 Mechanisms in T Cell Leukemogenesis. II. T Cell Responses of Preleukemic BALB/c Mice to Moloney Leukemia Virus Antigens

B. Perussia and G. Trinchieri 754 Inactivation of Natural Killer Cell Cytotoxic Activity after Interaction with Target Cells

### VIRAL AND MICROBIAL IMMUNOLOGY

K. L. Rosenthal and R. M. Zinkernagel 446 Inability of Mice to Generate Cytotoxic T Lymphocytes to Vesicular Stomatitis Virus Restricted to H-2K* or H-2D*

E. C. Jong, A. A. F. Mahmoud, and S. J. Klebanoff 468 Peroxidase-Mediated Toxicity to Schistosomula of Schistosoma mansoni

E. Handman, G. F. Mitchell, and J. W. Goding 508 Identification and Characterization of Protein Antigens of Leishmania tropica Isolates


T. E. Nash, M. N. Lunde, and A. W. Cheever 805 Analysis and Antigenic Activity of a Carbohydrate Fraction Derived from Adult Schistosoma mansoni

### LETTER TO THE EDITOR

H. J. Rapp 811

Announcements 812

Author Index 813