This information is current as of April 29, 2017.

137 (9)

J Immunol 1986; 137:2735-3048; ;
http://www.jimmunol.org/content/137/9.citation

**Subscription**  Information about subscribing to *The Journal of Immunology* is online at: [http://jimmunol.org/subscription](http://jimmunol.org/subscription)

**Permissions**  Submit copyright permission requests at: [http://www.aai.org/About/Publications/JI/copyright.html](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](http://jimmunol.org/alerts)
Contents

OPINION

L. L. Lanier, J. H. Phillips, J. Hackett, Jr., M. Tutt, and V. Kumar 2735 Natural Killer Cells: Definition of a Cell Type Rather Than a Function

CELLULAR IMMUNOLOGY

T. Mizuochi, T. I. Munitz, S. A. McCarthy, P. M. Andrysiak, J. Kung, R. E. Gress, and A. Singer 2740 Differential Helper and Effector Responses of Lyt-2+ T Cells to H-2K" Mutant (K<sup>bm</sup>) Determinants and the Appearance of Thymic Influence on Anti-K<sup>bm</sup> CTL Responsiveness

M. W. Schilham, R. Lang, R. Benner, R. M. Zinkernagel, and H. Hengartner 2748 Characterization of an Lyt-2+ Alloreactive Cytotoxic T Cell Clone Specific for H-2D<sup>b</sup> that Cross-Acts with I-E<sup>a</sup>


H. Braley-Mullen 2761 Characterization and Activity of Contrasuppressor T Cells Induced by Type III Pneumococcal Polysaccharide

E. J. Wing, D. M. Magee, A. C. Pearson, A. Waheed, and R. K. Shadduck 2768 Peritoneal Macrophages Exposed to Purified Macrophage Colony-Stimulating Factor (M-CSF) Suppress Mitogen- and Antigen-Stimulated Lymphocyte Proliferation

M. R. Jadus, G. Schmunk, J. Y. Djeu, and R. Parkman 2774 Morphology and Lytic Mechanisms of Interleukin 3-Dependent Natural Cytotoxic Cells: Tumor Necrosis Factor As a Possible Mediator

L. D. Loar, D. Dennison, and S. Sell 2784 Production and Characterization of Monoclonal Antibodies to Rabbit Lymphocyte Subpopulations. I. Tissue Immunofluorescence and Flow Cytometric Analysis

D. R. Johnson, D. A. Faherty, and M. Zauderer 2791 TTGG-A--L-Specific Memory B Cells Induced in Low Responder Strains

D. R. Johnson, D.A. Faherty, and M. Zauderer 2796 Different T Cell Requirements for Specific Memory Induction in Normal and xid B Cells

G. Ku and O. N. Witte 2802 Corticosteroid-Resistant Bone Marrow-Derived B Lymphocyte Progenitor for Long Term in Vitro Cultures

CLINICAL IMMUNOLOGY • IMMUNOPATHOLOGY

A. Velardi, M. C. Mingari, L. Moretta, and C. E. Grossi 2808 Functional Analysis of Cloned Germinal Center CD4<sup>+</sup> Cells with Natural Killer Cell-Related Features. Divergence from Typical T Helper Cells

N. K. Damie, L. V. Doyle, and E. C. Bradley 2814 Interleukin 2-Activated Human Killer Cells Are Derived from Phenotypically Heterogeneous Precursors


Continued on page 4
Continued from page 3


P. W. Heymann, M. D. Chapman, and T. A. E. Platts-Mills

2831 Suppressor T Lymphocytes from Lepromatous Leprosy Skin Lesions

Defining the Role of Complement in Experimental Pemphigus Vulgaris in Mice

Antigen Der f I from the Dust Mite Dermatophagoides farinae: Structural Comparison with Der p I from Dermatophagoides pteronyssinus and Epitope Specificity of Murine IgG and Human IgE Antibodies

P. Miossec and M. Ziff

R. J. Chang and S. H. Lee

J. R. Ortaldo, J. R. Ransom, T. J. Sayers, and R. B. Herberman

J. Ryan and C. L. Geczy

Y. Katoh, S. Ono, Y. Takeda, K. Miyake, and T. Hamaka


2848 Immune Interferon Enhances the Production of Interleukin 1 by Human Endothelial Cells Stimulated with Lipopolysaccharide

2853 Effects of Interferon-γ and Tumor Necrosis Factor-α on the Expression of an Ia Antigen on a Murine Macrophage Cell Line

2857 Analysis of Cytostatic/Cytotoxic Lymphokines: Relationship of Natural Killer Cytotoxic Factor to Recombinant Lymphotoxin, Recombinant Tumor Necrosis Factor, and Leukoregulin

2864 Characterization and Purification of Mouse Macrophage Procoagulant-Inducing Factor

2871 Polyclonal B Cell Activation by a B Cell Differentiation Factor, B151-TRF2. II. Evidence for Interaction of B151-TRF2 with Glycoprotein on B Cell Membrane via Recognition of Terminal N-Acetyl-D-Glucosamine Residue(s)

2878 Production of BSF-1 during an in Vivo, T-Dependent Immune Response


L. J. Miller, R. Schwarting, and T. A. Springer


M. Matsumoto and K. Nagaki

2886 Analysis of DRβ and DQβ Chain cDNA Clones from a DR7 Haplotype

2891 Regulated Expression of the Mac-1, LFA-1, p150.95 Glycoprotein Family during Leukocyte Differentiation

2901 T Lymphocyte Adhesion to Endothelial Cells: Mechanisms Demonstrated by Anti-LFA-1 Monoclonal Antibodies

2907 Functional Analysis of Activated C1s, a Subcomponent of the First Component of Human Complement, by Monoclonal Antibodies

N. R. Slifman, D. A. Loegering, D. J. McKeen, and G. J. Gleich

H. W. Farber, P. F. Weller, S. Rounds, D. J. Beer, and D. M. Center

I. Maridonneau-Parini, S. M. Tringale, and A. I. Tauber

2913 Ribonuclease Activity Associated with Human Eosinophil-Derived Neutoxin and Eosinophil Cationic Protein

2918 Generation of Lipid Neutrophil Chemoattractant Activity by Histamine-Stimulated Cultured Endothelial Cells

2925 Identification of Distinct Activation Pathways of the Human Neutrophil NADPH-Oxidase

Continued on page 5
MICROBIAL IMMUNOLOGY


J. S. McDougal, J. K. A. Nicholson, G. D. Cross, S. P. Cort, M. S. Kennedy, and A. C. Mawle

T. D. Copeland, W.-P. Tsai, Y. D. Kim, and S. Oroszlan


A. Sher, S. Hieny, and K. Joiner

D. S. Wechsler and P. A. L. Kongshavn

D. R. Blanco, J. D. Radolf, M. A. Lovett, and J. N. Miller

J. Y. Djeu, D. K. Blanchard, D. Halkias, and H. Friedman

C. S. Pavia

V. Brinkmann, S. D. Sharma, and J. S. Remington

2930 Syngeneic Monoclonal Internal Image Anti-Idiotopes As Prophylactic Vaccines


2945 Envelope Proteins of Human T Cell Leukemia Virus Type I: Characterization by Antiserum to Synthetic Peptides and Identification of a Natural Epitope

2952 The Antibody Response in Mice to Carrier-Free Synthetic Polymers of Plasmodium falciparum Circumsporozoite Repetitive Epitope Is I-A Restricted: Possible Implications for Malaria Vaccines

2956 Synthetic Plasmodium falciparum Circumsporozoite Peptides Elicit Heterogenous L3T4+ T Cell Proliferative Responses in H-2b Mice

2961 Evasion of the Alternative Complement Pathway by Metacyclic Trypomastigotes of Trypanosoma cruzi: Dependence on the Developmentally Regulated Synthesis of Surface Protein and N-Linked Carbohydrate

2968 Heat-Labile IgG2a Antibodies Effect Cure of Trypanosoma musculi Infection in C57BL/6 Mice

2973 The Antigenic Interrelationship between the Endoflagella of Treponema phagedenis Biotype Reiter and Treponema pallidum Nichols Strain. I. Treponemical Activity of Cross-Reactive Endoflagellar Antibodies against T. pallidum

2980 Growth Inhibition of Candida albicans by Human Polymorphonuclear Neutrophils: Activation by Interferon-γ, and Tumor Necrosis Factor

2985 Protection against Experimental Toxoplasmosis by Adoptive Immunotherapy

2991 Different Regulation of the L3T4+ T Cell Subset by B Cells in Different Mouse Strains Bearing the H-2b Haplotyp

MOLECULAR BIOLOGY - MOLECULAR GENETICS

M. M. Tutt, W. A. Kuziel, J. Hackett, Jr., M. Bennett, P. W. Tucker, and V. Kumar


M. J. Rogers, D. F. Siwarski, E. Shacter, W. L. Maloy, E. P. Lillichoj, and J. E. Coligan

2998 Murine Natural Killer Cells Do Not Express Functional Transcripts of the α, β-, or γ-Chain Genes of the T Cell Receptor

3002 The Assignment of Chain Specificities for Anti-Ia Monoclonal Antibodies by Using L Cell Transfectants

3006 Three Distinct H-2K Molecules Differing at the Carboxy Terminus Are Expressed on a Tumor From SJL/J Mice

TUMOR IMMUNOLOGY

M. P. Link, J. Bindl, T. C. Meeker, C. Carswell, C. A. Doss, R. A. Warnke, and R. Levy

T. Y. Basham, M. S. Kaminski, K. Kitamura, R. Levy, and T. C. Merigan

3013 A Unique Antigen on Mature B Cells Defined by a Monoclonal Antibody

3019 Synergistic Antitumor Effect of Interferon and Anti-Idiotype Monoclonal Antibody in Murine Lymphoma

Continued on page 6
Continued from page 5

J. K. Steele, R. Singhai, A. T. Stammers, and J. G. Levy 3025 Immunization of DBA/2 Mice with a T Cell Hybridoma-Derived TsF Increases Immune Resistance to the Syngeneic Tumors P815 and L1210

C. A. Romerdahl and M. L. Kripke 3031 Regulation of the Immune Response against UV-Induced Skin Cancers: Specificity of Helper Cells and Their Susceptibility to UV-Induced Suppressor Cells

J. L. Urban, M. L. Kripke, and H. Schreiber 3036 Stepwise Immunologic Selection of Antigenic Variants during Tumor Growth


Announcements 3049

Author Index 3051