This information is current as of July 25, 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

D. Y. Kunimoto, G. R. Harriam, and W. Strober


J. Lewis, M. Foo, S. S. Geier, P. Ajit Kumar, S. G. Nathenson, and J. A. Bluestone

L. A. Husmann, R. P. Shimonkevitz, I. N. Crispe, and M. J. Bevan

C.-C. Ting, M. E. Hargrove, and Y. S. Yun


W. Ptak, P. M. Flood, C. A. Janeway, J. Marcinkiewicz, and D. R. Green

W. Ptak, C. A. Janeway, Jr., and P. M. Flood

S. H. Gromkowski, T. C. Brown, D. Masson, and J. Tschopp

S. Corbet, M. Hirn, C. Roth, J. Theze, M. Fougereau, and C. Schiff

G. Dennert, C. Landon, and M. Nowicki

713 Regulation of IgA Differentiation in CH12LX B Cells by Lymphokines: Recombinant IL-4 Induces Membrane IgM-Positive CH12LX Cells to Express Membrane IgA and Recombinant IL-5 Induces Membrane IgA-Positive CH12LX Cells to Secrete IgA

721 Property of Class I H-2 Alloantigen-Reactive Lyt-2⁺ Helper T Cell Subset: Abrogation of Its Proliferative and IL-2-Producing Capacities by Intravenous Injection of Class I H-2-Disparate Allogeneic Cells

728 Cytotoxic T Lymphocyte Recognition of Novel Allodeterminants Expressed on in Vitro Selected H-2Kb Mutants

736 Thymocyte Subpopulations During Early Fetal Development in the BALB/c Mouse

741 Augmentation by Anti-T3 Antibody of the Lymphokine-Activated Killer Cell-Mediated Cytotoxicity

749 Increase of Precursor Frequency and Clonal Size of Murine IgE-Secreting Cells by IL-4

756 Immunoregulatory Role of Ig Isotypes. I. Induction of Contrasuppressor T Cells for Contact Sensitivity Responses by Antibodies of the IgM, IgG1, and IgG3 Isotypes

765 Immunoregulatory Role of Ig Isotypes. II. Activation of Cells That Block Induction of Contact Sensitivity Responses by Antibodies of IgG2a IgG2b Isotypes

774 Lack of DNA Degradation in Target Cells Lysed by Granules Derived from Cytolytic T Lymphocytes

779 Allogeneic Manipulation of the GAT Idiotypic Cascade: Immunization of C57BL/6 Mice by BALB/c Anti-Idiotypes Stimulates Similar Strain-Specific V Genes as the Original Antigen

785 Cell-Mediated and Glucocorticoid-Mediated Target Cell Lysis Do Not Appear to Share Common Pathways

CLINICAL IMMUNOLOGY IMMUNOPATHOLOGY

J. Jephthah-Ochola, J. Urnason, S. Farkas, and P. F. Halloran

D. M. Kleinman, Y. Ishigatsubo, and A. D. Steinberg

M. Orikasa, K. Matsui, T. Oite, and F. Shimizu

A. Velardi, S. Cucciaioni, A. Terenzi, I. Quinti, F. Aversa, C. E. Grossi, F. Grignani, and M. F. Martelli

M. Shalit, L. B. Schwartz, N. Golzar, C. VonAllman, M. Valenzano, P. Fleckop, P. C. Atkins, and B Zweiman

Y.-P. Huang, L. H. Perrin, P. A. Miescher, and R. H. Zuber

792 Regulation of MHC Expression in Vivo: Bacterial Lipopolysaccharide Induces Class I and II MHC Products in Mouse Tissues by a T Cell-Independent, Cyclosporine-Sensitive Mechanism

801 Acquisition and Maturation of Expressed B Cell Repertoires in Normal and Autoimmune Mice

807 Massive Proteinuria Induced in Rats by a Single Intravenous Injection of a Monoclonal Antibody

815 Acquisition of Ig Isotype Diversity after Bone Marrow Transplantation in Adults: A Recapitulation of Normal B Cell Ontogeny

821 Release of Histamine and Tryptase in Vivo After Prolonged Cutaneous Challenge with Allergen in Humans

827 Correlation of T and B Cell Activities in Vitro and Serum IL-2 Levels in Systemic Lupus Erythematosus

Continued on page 4
Continued from page 3

J. T. Hom, A. M. Bendele, and D. G. Carlson
L. R. Herron, R. L. Coffman, M. W. Bond, and B. L. Kotzin

842 Increased Autoantibody Production by NZB/NZW B Cells in Response to IL-5

843 In Vivo Administration with IL-1 Accelerates the Development of Collagen-Induced Arthritis in Mice

CYTOKINES • MEDIATORS • REGULATORY MOLECULES

P. A. Kiener, F. Marek, G. Rodgers, G. Warr, and J. Desiderio
H. Yakura, I. Kawabata, T. Ashida, and M. Katagiri
M. Belsovic, C. E. Davis, M. S. Meltzer, and C. A. Nacy
B. H. Koller, D. E. Geraghty, Y. Shimizu, R. DeMars, and H. T. Orr
E. Remold-O'Donnell
R. Cronkhite, F. Strickland, and J. Cerny
T. J. Oglesby, M. A. Accavitti, and J. E. Volanakis
A. B. Hartman, C. P. Mallett, S. Sheriff, and S. J. Smith-Gill

849 Simultaneous Production of IL-2, IL-4, and IFN-γ by Activated Human CD4+ and CD8+ T Cell Clones

856 High Affinity Human IFN-γ Binding Capacity Is Encoded by a Single Receptor Gene Located in Proximity to c-ros on Human Chromosome Region 6q16 to 6q22

861 Identification of a Receptor for High Molecular Weight Human B Cell Growth Factor

870 Induction of Tumor Necrosis Factor, IFN-γ, and Acute Lethality in Mice by Toxic and Non-toxic Forms of Lipid A

875 Differential Regulation by Ly-5 and Lyb-2 of IgG Production Induced by Lipopolysaccharide and B Cell Stimulatory Factor-1 (IL-4)

881 Structure-Function Studies of Human Granulocyte-Macrophage Colony-Stimulating Factor: Identification of Residues Required for Activity

890 Regulation of Activated Macrophage Antimicrobial Activities: Identification of Lymphokines that Cooperate with IFN-γ For Induction of Resistance to Infection

905 Structure and Function of Macrophage Adhesion Molecule Examined by Epitope Mapping

913 Differential Induction by Immune Interferon of the Gene Products of the HLA-D Region on the Melanoma Cell Line MeWo and Its Metastatic Variant Mem 50-10

921 Regulation of Idiotype Expression. III. H-2 Influences the Magnitude and the Idiotypy of a T-Independent Antibody Response in Mice of Certain Genetic Backgrounds

926 Evidence for a C4b Binding Site(s) on the C2b Domain of C2

932 Unusual Region in the H and L Chains of an Anti-Lysozyme Antibody

IMMUNOPHARMACOLOGY

R. Scicchitano, P. Dazin, J. Bienenstock, D. G. Payan, and A. M. Stanisz
K. N. White and H. Metzger
L. Michel, Y. Denizot, Y. Thomas, F. Jean-Louis, C. Pitton, J. Benveniste, and L. Dubertret
R. C. Benyon, M. K. Church, and S. T. Holgate

937 The Murine IgA-Secreting Plasmacytoma MOPC 315 Expresses Somatostatin Receptors

942 Translocation of Protein Kinase C in RBL Cells Induced by Phorbol Ester or by Aggregation of IgE Receptors

948 Biosynthesis of Platelet-Activating Factor-Acether by Human Skin Fibroblasts in Vitro

954 IgE-Dependent Activation of Human Lung Mast Cells Is Not Associated with Increased Phospholipid Methylation

Continued on page 5
Continued from page 4

J. V. Weinstock, A. Blum, J. Walder, and R. Walder
W. L. Farrar, A. Harel-Bellan, J. L. Cleveland, and M. Vinocour

961 Eosinophils from Granulomas in Murine Schistosomiasis Mansoni Produce Substance P
967 Regulation of Ornithine Decarboxylase Activity by IL-2 and Cyclic AMP

MICROBIAL IMMUNOLOGY

M. F. Good, D. Pombo, M. N. Lunde, W. L. Maloy, R. Halienbeck, K. Kothes, L. H. Miller, and J. A. Berzofsky
C. Vidal, S. Matsushita, O. R. Colamonici, J. B. Trepel, H. Mitsuya, and L. M. Neckers
X.-M. Gao, J. A. Schmidt, and F. Y. Liew
M.-G. Lei and D. C. Morrison
M.-G. Lei and D. C. Morrison

972 Recombinant Human IL-2 Overcomes Genetic Nonresponsiveness to Malaria Sporozoite Peptides: Correlation of Effect with Biologic Activity of IL-2
978 Protective Role of IgE in Immunocompromised Rat Toxoplasmosis
984 Human T Lymphotropic Virus I Infection Deregulates Surface Expression of the Transferrin Receptor
989 Suppressive Substance Produced by T Cells from Mice Chronically Infected with Trypanosoma Cruzi, III. Genetic Restriction and Further Characterization
996 Specific Endotoxic Lipopolysaccharide-Binding Proteins on Murine Splenocytes. I. Detection of Lipopolysaccharide-Binding Sites on Splenocytes and Splenocyte Subpopulations
1006 Specific Endotoxic Lipopolysaccharide-Binding Proteins on Murine Splenocyte II. Membrane Localization and Binding Characteristics

MOLECULAR BIOLOGY • MOLECULAR GENETICS

A. Harel-Bellan, A. T. Brini, and W. L. Farrar
T. J. Schall, J. Jongstra, B. J. Dyer, J. Jorgensen, C. Clayberger, M. M. Davis, and A. M. Krensaky

1012 IFN-γ Inhibits C-myc Gene Expression by Impairing the Splicing Process in a Colony Stimulating Factor Dependent Murine Myeloid Cell Line
1018 A Human T Cell-Specific Molecule Is a Member of a New Gene Family
1026 Methylation in the 5' Region of the Murine β Fcγ R Gene Regulates the Expression of Fcγ Receptor II

TUMOR IMMUNOLOGY

M. Gallo, V. Chaudhary, D. J. P. FitzGerald, M. C. Willingham, and I. Pastan
T. Timonen, M. Patarroyo, and C. G. Gahmberg
L. H. Graf, Jr., C. D. Rosenberg, V. Mancino, and S. Ferrone

1034 Cloning and Expression of the H Chain V Region of Antibody OVB3 That Reacts with Human Ovarian Cancer
1041 CD11a-c/CD18 and GP84 (LR-2) Adhesion Molecules on Human Large Granular Lymphocytes and Their Participation in Natural Killing
1047 Cellular Basis of Immunologic Interactions in Adoptive T Cell Therapy of Established Metastases from a Syngeneic Murine Sarcoma
1054 Transfer and Co-amplification of a Gene Encoding a 96-kDa Immune IFN-Inducible Human Melanoma-Associated Antigen: Preferential Expression by Mouse Melanoma Host Cells
1061 Author Index