This information is current as of April 9, 2021.

152 (3)

*J Immunol* 1994; 152:965-1499; ; http://www.jimmunol.org/content/152/3.citation

**Why The JI? Submit online.**

- **Rapid Reviews! 30 days** from submission to initial decision
- **No Triage!** Every submission reviewed by practicing scientists
- **Fast Publication!** 4 weeks from acceptance to publication

*average

**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
Cellular Immunology and Immune Regulation

965 Up-Regulation of the MHC Class II Molecules on B Cells by Peptide Ligands
Babita Agrawal, Ester Fraga, Kevin Kane, and Bhagirath Singh

976 Effects of CD45 on NF-κB: Implications for Replication of HIV-1
Andreas Baur, Steven Garber, and B. Matija Peterlin

984 Effects of Human T Lymphocyte Activation on Inosine Monophosphate Dehydrogenase Expression
Jennifer S. Dayton, Tullia Lindsten, Craig B. Thompson, and Beverly S. Mitchell

992 Relationship Between Multiple Biologic Effects of Rapamycin and the Inhibition of pp70S6 Protein Kinase Activity: Analysis in Mutant Clones of a T Cell Lymphoma
Francis J. Dumont, Anne Altmeyer, Carolyn Kastner, Paul A. Fischer, Katherine Paige Lemon, Jongkyeong Chung, John Blenis, and Mary Jo Sturach

1004 Cells of Th2 Cytokine Phenotype Prevent LPS-Induced Lethality during Murine Graft-versus-Host Reaction: Regulation of Cytokines and CD8+ Lymphoid Engraftment
Daniel H. Fowler, Kazuhiro Karasawa, Anne Hasebek, Peter A. Cohen, and Ronald E. Gress

1014 Ligation of CD45 on B Cells Can Facilitate Production of Secondary Ig Isotypes
Anna George, Satyajit Rath, Kashroo E. Shroff, Michael Wang, and Joannine M. Durdić

1022 Thymic Epithelial Cell Lines That Mediate Positive Selection Can Also Induce Thymocyte Clonal Deletion
Patrice Hugo, John W. Kappler, Dale I. Godfrey, and Philippa C. Marrack

1032 Tissue-Specific Expression of Messenger RNAs Encoding Endogenous Viral Superantigens
Christopher D. Jarvis, Ronald N. Germain, Gordon L. Hager, Melissa Damschroder, and Louis A. Mats

1039 Expression of Mtv-7 sag Gene in Vivo Using a Retroviral Vector Results in Selective Inactivation of Superantigen Reactive T Cells
Joonsoo Kang, Eiji Ido, Judy Pawling, Ulrich Beutner, Brigitte T. Huber, and Nobumichi Hozumi

1047 Effects of IL-12 on in Vivo Cytokine Gene Expression and Ig Isotype Selection
Suzanne C. Morris, Kathleen B. Madden, Jeffrey J. Adamovicz, William C. Gause, Brian R. Hubbard, Maurice K. Gately, and Fred D. Finkelstein

1057 Cytotoxic Lymphocyte Granzymes Trigger a Target Cell Internal Disintegration Pathway Leading to Cytolysis and DNA Breakdown
Hiroo Nakajima and Pierre A. Henkart

1064 Redox Mechanism as Alternative to Ligand Binding for Receptor Activation Delivering Disregulated Cellular Signals
Isumi Nakashima, Mei-yi Pu, Akira Nishizaki, Idris Rosila, Li Mu, Yoshiaki Katana, Kozo Okkusu, S. M. Jamshedur Rahman, Ken-ichi Isobe, Michinari Hamaguchi, and Keisuke Sago
Unique Phenotype and Distinct TCR Vβ Repertoire in Human Peripheral Blood αβTCR+, CD4−, and CD8− Double Negative T Cells
Tim Niehues, Beena Gulwani-Akolkar, Pradip N. Akolkar, Wil Tax, and Jack Silver

Peptide Binding to Surface Class II Molecules Is the Major Pathway of Formation of Immunogenic Class II-Peptide Complexes for Viable Antigen Presenting Cells
Neal R. Nygard, Karen S. Giaconetta, Christine Bono, John Gorka, Surekha Kompelli, and Benjamin D. Schwartz

IL-13 Induces Proliferation, Ig Isotype Switching, and Ig Synthesis by Immature Human Fetal B Cells
Juha Punnosen and Jan E. de Vries

Reduction of CTL Antipeptide Response Mediated by CD8+ Cells Whose Class I MHC Can Bind the Peptide
Suryaprakash R. Sanbhara and Richard G. Miller

Immunization with Soluble Hepatitis B Virus Surface Protein Elicits Murine H-2 Class I-Restricted CD8+ Cytotoxic T Lymphocyte Responses In Vivo
Reinhold Schirmbeck, Karl Melcher, Andreas Kuhrober, Zbigniew A. Janowicz, and Jörg Reimann

Tissue-Specific Regulation of IL-4 mRNA Expression in Human Tonsil
Heather Secrist, Maureen Egan, and Marion G. Peters

Fas Antigen Is the Major Target Molecule for CD4+ T Cell-Mediated Cytotoxicity
Thomas Stalder, Sinuhe Hahn, and Peter Erb

The Novel mAb QR6.6 Detects a Surface Molecule on Immature Thymocytes and Inhibits Their Proliferation on Thymic Epithelial Cells
Hiroo Tamura, Hiroyuki Kuzuhara, Tamotsu Takeuchi, and Hiroshi Yamamoto

In Vitro Maturation of Human Neonatal CD4 T Lymphocytes: I. Induction of IL-4-Producing Cells after Long-Term Culture in the Presence of IL-4 Plus Either IL-2 or IL-12
Chang You Wu, Christian E. Demeure, Maurice Gately, Frank Podlaski, Hans Yssel, Mamoru Kiniwa, and Guy Delespesse

Stimulator Cell Type Influences the Response of T Cells to Staphylococcal Enterotoxins
Junji Yagi, Takehiko Uchiyama, and Charles A. Janeway, Jr.

MHC-Encoded Proteasome Subunits LMP2 and LMP7 Are Not Required for Efficient Antigen Presentation
Jonathan Yewdell, Cheryl Lapham, Igor Bacik, Thomas Spies, and Jack Bennink

Molecular and Structural Immunology

Mechanism of Differential Regulation of IL-2 in Murine Th1 and Th2 T Cell Subsets: 1. Induction of IL-2 Transcription in Th2 Cells by Up-regulation of Transcription Factors with the Protein Synthesis Initiation Factor 4E
Shirish S. Barve, Donald A. Cohen, Arrigo De Benedetti, Robert E. Rhoads, and Alan M. Kaplan

Cloning, Genomic Organization, and Chromosomal Localization of the Scya5 Gene Encoding the Murine Chemokine RANTES
Theodore M. Danoff, Peter A. Lalley, Young S. Chang, Peter S. Heeger, and Eric G. Neilson

Testing the Importance of Each Residue in a HLA-B27-Binding Peptide Using Monoclonal Antibodies
Toru Fukazawa, Jun Wang, Feng Huang, Juan Wen, Dolly Tyan, Kristina M. Williams, Richard B. Raybourne, and David Tak Yan Yu

A Monoclonal Antibody That Recognizes HLA-B27 in the Context of Peptides
Jun Wang, David T. Y. Yu, Toru Fukazawa, Herbert Keliner, Juan Wen, Xiao-Kuon Cheng, Gabrielle Roth, Kristina M. Williams, and Richard B. Raybourne
Mapping of Amino Acid Residues in the Cμ3 Domain of Mouse IgM Important in Macromolecular Assembly and Complement-Dependent Cytolysis

Sudha Arya, Frieda Chen, Stefan Spycher, David E. Isenman, Marc J. Shulman, and Robert H. Painter

Analysis of Mutant HLA-A2 Molecules: Differential Effects on Peptide Binding and CTL Recognition

Lynda G. Tussey, Masanori Matsui, Sarah Rowland-Jones, Robert Warburton, Jeffrey A. Frelinger, and Andrew McMichael

Influence of Coding Region Polymorphism on the Peripheral Expression of a Human TCR Vβ Gene

Christine S. Vissinga, Patrick Charmley, and Patrick Concannon

The Mouse CD69 Gene: Structure, Expression, and Mapping to the NK Gene Complex

Steven F. Ziegler, Steven D. Levin, Lisabeth Johnson, Neal G. Copeland, Debra J. Gilbert, Nancy A. Jenkins, Elizabeth Baker, Grant R. Sutherland, Andrew L. Feldhaus, and Fred Ramsdell

Host Defense

Changes in Cell Adhesion Molecule Expression on T Cells Associated with Systemic Virus Infection

Ellen Christina Andersson, Jan Pravsgaard Christensen, Ole Marker, and Allan Randrup Thomsen

Human Microglial Cell Defense against Toxoplasma gondii: The Role of Cytokines

Chun C. Chao, Genya Gekker, Shuxian Hu, and Phillip K. Peterson

Effects of IL-12 on the Response and Susceptibility to Experimental Viral Infections

Jordan S. Orange, Stanley F. Wolf, and Christine A. Biron

Human Monocyte Infection by Leishmania (Viannia) panamensis: Role of Complement Receptors and Correlation of Susceptibility In Vitro with Clinical Phenotype

Sara Robledo, Anne Wozencraft, Anais Zully Valencia, and Nancy Saravia

Stimulation of Tumor-Draining Lymph Node Cells with Superantigenic Staphylococcal Toxins Leads to the Generation of Tumor-Specific Effector T Cells

Suyu Shu, Robert A. Krinock, Takafumi Matsumura, Jeffrey J. Sussman, Bernard A. Fox, Alfred E. Chang, and David S. Terman

Intracerebral Cytokine mRNA Expression During Fatal and Nonfatal Alphavirus Encephalitis Suggests a Predominant Type 2 T Cell Response

Steven L. Wesselingh, Beth Levine, Robert J. Fox, Steven Choi, and Diane E. Gran

Inflammation

Macrophage Inflammatory Protein-1α and Monocyte Chemoattractant Peptide-1 Elicit Immediate and Late Cutaneous Reactions and Activate Murine Mast Cells In Vivo

Rafeul Alam, Dhruv Kumar, Diedra Anderson-Walters, and Patricia A. Forsythe

TNF-α Binds to the N-Terminal Domain of Fibronectin and Augments the β1-Integrin-Mediated Adhesion of CD4+ T lymphocytes to the Glycoprotein

Ronen Alon, Liora Cahalon, Rami Hershkovitz, Dalia Elbaz, Boris Reizis, David Wallach, Steven K. Akiyama, Kenneth M. Yamada, and Ofer Lider

Metalloprotease and Serine Protease Are Involved in Cleavage of CD43, CD44, and CD16 from Stimulated Human Granulocytes: Induction of Cleavage of L-Selectin Via CD16

Vladimir Bafill and Jack L. Strominger

The Induction of Persistence of I-A Expression by Macrophages from Bcg' Mice Occurs Via a Protein Kinase C-Dependent Pathway

David Brown, Mary Faris, Mary Hilburger, and Bruce S. Zwilling

Characteristics of a Novel Low Affinity Complement C3dg-Binding Protein of Human Platelets

Haiming Chen, Jihan Marjan, Alison D. Cox, and Dana V. Devine
Substance P Increases Neutrophil Adhesion to Bronchial Epithelial Cells

Inhibition of TNF by a TNF Receptor Immunoadhesin: Comparison to an Anti-TNF Monoclonal Antibody
M. Haak-Frendscho, S. A. Marsters, J. Mordenti, S. Brady, N. A. Gillett, S. A. Chen, and A. Ashkenazi

Macrophage-Colony-Stimulating Factor Expression by Anti-CD45 Stimulated Human Monocytes Is Transcriptionally Up-Regulated by IL-1β and Inhibited by IL-4 and IL-10
Marion F. Gruber, Claudia C. Williams, and Theresa L. Gerrard

Adherence of Neutrophils Induces Release of Soluble Tumor Necrosis Factor Receptor Forms
Mikael Lantz, Flemming Björnberg, Inge Olsson, and Johan Richter

Involvement of a Botulinum Toxin-Sensitive 22-kDa G Protein in Stimulated Exocytosis of Human Neutrophils
Jayasree Nath, Annette Powledge, and Daniel G. Wright

Neutrophil Elicitation in the Reverse Passive Arthus Reaction: Complement-Dependent and -Independent Mast Cell Involvement
Bernard F. Ramos, Yan Zhang, and Barbara A. Jakschik

A Role for Lectin Interactions During Human Neutrophil Aggregation
Yvan P. Rochon, Scott I. Simon, Eric B. Lynam, and Larry A. Sklar

Differential Roles for Triglyceride and Phospholipid Pools of Arachidonic Acid in Human Lung Macrophages
Massimo Triggiani, Alfonso Oriente, and Gianni Marone

Decay-Accelerating Factor on Human Umbilical Vein Endothelial Cells: Its Histamine-Induced Expression and Spontaneous Rapid Shedding from the Cell Surface
Shoutaro Tsuji, Kazuhiro Kaji, and Shigeharu Nagasawa

IFN and Virus-Inducible Expression of an Immediate Early Gene, crg-Z/IP-10, and a Delayed Gene, /-Act, in Astrocytes and Microglia
Padmasathy Vanguri and Joshua M. Farber

Retinoic Acid Inhibition of IL-1-Induced IL-6 Production by Human Lung Fibroblasts
Ralph J. Ziniak, Robert M. Kotloff, Janshid Latifpour, Tao Zheng, Narda L. Whiting, Jason Schwalb, and Jack A. Elias

Clinical Immunology

VH and Vk Segment Structure of Anti-Insulin IgG Autoantibodies in Patients with Insulin-Dependent Diabetes Mellitus: Evidence for Somatic Selection
Hideyuki Ikematsu, Yuji Ichiyoshi, Edward W. Schettino, Minoru Nakamura, and Paolo Casali

Molecular Analysis of IgA Deficiency: Evidence for Impaired Switching to IgA
Khalid B. Islam, Bertrand Basilin, Lars Nilsson, Lennart Hammarström, Paschalis Sideras, and C. I. Edvard Smith

B Cells Process and Present Lupus Autoantigens that Initiate Autoimmune T Cell Responses
Mark J. Mamula, Saeed Faenejadian, and Joe Craft

T Cell Receptor α-Chain Repertoire of Pathogenic Autoantibody-inducing T Cells in Lupus Mice
Changchun Miao, Gamal E. Osman, Sharlene Adams, and Syamal K. Datta

Induction of Autoimmune Disease in Mice by Germline Alteration of the T Cell Receptor Gene Expression
Shimon Sakaguchi, Thomas H. Ernak, Masaaki Toda, Leslie J. Berg, William Ho, Barbara Fazekas de St. Groth, Per A. Peterson, Noriko Sakaguchi, and Mark M. Davis
Variable Regions of Ig Heavy Chain Genes Encoding Antithyrotropin Receptor Antibodies of Patients with Graves’ Disease
Euy Kyun Shin, Takashi Akamizu, Fumihiko Matsuda, Hideo Sugawa, Junji Fujikura, Toru Mori, and Tasuku Honjo

Cardiac Antigen-Specific Autoantibody Production is Associated with Cardiomyopathy in Trypanosoma cruzi-Infected Mice
Randal S. Tibbetts, Thomas S. McCormick, Edwin C. Rowland, Stephen D. Miller, and David M. Engman

Author Index
Information for Contributors
Submission Form
Membership Form