152 (2)

J Immunol 1994; 152:381-955; ;
http://www.jimmunol.org/content/152/2.citation

This information is current as of April 15, 2017.

**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)
Cellular Immunology and Immune Regulation

381 TAP (Transporter Associated with Antigen Processing)-Independent Presentation of Endogenously Synthesized Peptides Is Enhanced by Endoplasmic Reticulum Insertion Sequences Located at the Amino- but not Carboxyl-Terminus of the Peptide

Igor Bacik, Josephine H. Cox, Robert Anderson, Jonathan W. Yewdell, and Jack. R. Bennink

388 Characterization and Function of the NKR-P1dim/T Cell Receptor-αβ* Subset of Rat T Cells


397 T Cell Activation Results in Physical Modification of the Mouse CD8β Chain

Lucia G. Casabó, Clío Mamalaki, Dimitris Kioussis, and Rose Zamoyska

405 Effect of Anti-CD4 on CD4 Subsets: I. Anti-CD4 Preferentially Deletes Resting, Naive CD4 Cells and Spares Activated CD4 Cells

Jacqueline H. Chace, John S. Cowdery, and Elizabeth H. Field

413 Immunity to MHC Class I Antigen after Direct DNA Transfer into Skeletal Muscle

Edward K. Geissler, Ju Wang, John H. Fechner, Jr., William J. Burlingham, and Stuart J. Knecht

422 Expression of Tenascin in Thymus and Thymic Nonlymphoid Cells

Timothy J. Hemesath and Kari Stefansson

429 Monocytes Provide a Novel Costimulatory Signal to T Cells That Is Not Mediated by the CD28/B7 Interaction

Julia G. Johnson and Marc K. Jenkins

438 Ligation of CD40 Induces Sterile Transcripts of Multiple Ig H Chain Isotypes in Human B Cells

Michele D. Jumper, Judy B. Splawski, Peter E. Lipsky, and Katheryn Meek

446 Long Term Activation of Natural Killer Cells Results in Modulation of β1-Integrin Expression and Function

Fabrizio Mainiero, Angela Gismondi, Michele Milella, Stefania Morrone, Gabriella Palmieri, Mario Piccoli, Luigi Frati, and Angela Santoni

455 Extrathyamic Expression of the Intracellular Hepatitis B Core Antigen Results in T Cell Tolerance in Transgenic Mice

David R. Milich, Joyce E. Jones, Janice L. Hughes, Toshiyuki Maruyama, Jennifer Price, Ian Melhado, and Frank Jirik

467 Inducible Binding of Human Lymphocytes to Hyaluronate Via CD44 Does Not Require Cytoskeleton Association but Does Require New Protein Synthesis

Shinya Murakami, Yoshio Shimabukuro, Yasuo Miki, Teruyuki Saho, Eiji Hino, Daisaburo Kasai, Takenori Nozaki, Yutaka Kusumoto, and Hiroshi Okada

478 Mechanism of Virus-Induced Ig Subclass Shifts

Lien Nguyen, David M. Knipe, and Robert W. Finberg
Increased Proliferation, Cytotoxicity, and Gene Expression after Stimulation of Human Peripheral Blood T Lymphocytes through a Surface Ganglioside (GD3)
Yoko Norihisa, Daniel W. McVicar, Paritosh Ghosh, Alan N. Houghton, Dan L. Longo, Stephen P. Creekmore, Trevor Blake, John R. Ortaldo, and Howard A. Young

Environmental Signals Influencing Expression of the IFN-γ Receptor on Human T Cells Control Whether IFN-γ Promotes Proliferation or Apoptosis
Francesco Novelli, Francesco Di Pierro, Paola Francia di Celle, Sabrina Bertini, Paola Afficatini, Gianni Garotta, and Guido Forni

Urokinase Receptor: An Activation Antigen in Human T Lymphocytes
Anders Nykjer, Bjørne Møller, Robert F. Todd III, Tove Christensen, Peter A. Andreasen, Jørgen Gliemann, and Claus Munck Petersen

Expression and Function of CD7 Molecule on Human Natural Killer Cells
Hannah Rabinovich, Luminita Pricop, Ronald B. Herberman, and Theresa L. Whiteside

Isolation and Characterization of CD6– T Cells from Peripheral Blood
Robert A. Rasmussen, Susan L. Counts, John F. Daley, and Stuart F. Schlossman

Conditional Ablation of Dendritic Cells in Transgenic Mice
Benoit Salomon, Patrick Lorès, Catherine Pioche, Paul Racz, Jacques Jami, and David Klatzmann

Helper-Cytotoxic T Lymphocyte (CTL) Determinant Linkage Required for Priming of Anti-HIV CD8+ CTL in Vivo with Peptide Vaccine Constructs
Mutsunori Shirai, C. David Pendleton, Jeffrey Ahlers, Toshiyuki Takeshita, Mark Newman, and Jay A. Berzofsky

Expression of Bruton’s Agammaglobulinemia Tyrosine Kinase Gene, BTK, Is Selectively Down-Regulated in T Lymphocytes and Plasma Cells
C. I. Edvard Smith, Berivan Baskin, Patricia Hamure-Greiff, Jian-nian Zhou, Per G. Olsson, Hina S. Maniar, Peter Kjellén, John D. Lambris, Birger Christenson, Lennart Hammarström, David Bentley, David Vetrie, Khalid B. Islam, Igor Vořechovský, and Paschalísi Sideras

Autocrine Stimulation of B Lymphocytes by a Platelet-Activating Factor Receptor Agonist, 1-Palmitoyl-2-acetoyl-sn-glycero-3-phosphocholine
Attila Tordai, Richard A. Franklin, Chris Johnson, Bruce D. Mazer, Keith L. Clay, and Erwin W. Gelfand

Functional Analysis of Human FcγRII (CD32) Isoforms Expressed in B Lymphocytes
Ingrid E. Van Den Herik-Oudijk, Nomdo A. C. Westerdaal, Niek V. Henriquez, Peter J. A. Capel, and Jan G. J. Van De Winkel

Expansion/Deletion of Mature T Cells Exposed to Endogenous Superantigens In Vivo
Susan R. Webb, Jane Hutchinson, Kris Hayden, and Jonathan Sprent

CD40 Molecules Induce Down-Modulation and Endocytosis of T Cell Surface T Cell Activating Molecule/CD40-L: Potential Role in Regulating Helper Effector Function
Michael J. Yellin, Kimberly Sippel, Giorgio Inghirami, Lori R. Covey, Julie J. Lee, Joseph Sinning, Edward A. Clark, Leonard Chess, and Seth Lederman

Molecular and Structural Immunology

Kinetics and Specificity of Peptide-MHC Class II Complex Displacement Reactions
Anton I. P. M. de Kroon and Harden M. McConnell

Endogenous Peptides with Distinct Amino Acid Anchor Residue Motifs Bind to HLA-A1 and HLA-B8
Marianne DiBrino, Kenneth C. Parker, Joseph Shiloach, Richard V. Turner, Tomiko Tsuchida, Mark Garfield, William E. Bidston, and John E. Coligan

Neonatal Vh, D, and Jh Gene Usage in Rabbit B Lineage Cells
Martha L. Friedman, Chainarong Tunyaplin, Shi Kang Zhai, and Katherine L. Knight
Identification of a Protein, SPY75, with Repetitive Helix-Turn-Helix Motifs and an SH3 Domain as a Major Substrate for Protein Tyrosine Kinase(s) Activated by FcεRI Cross-Linking
Hiromi Fukamachi, Nobuo Yamada, Toru Miura, Takashi Kato, Masaharu Ishikawa, Erich Gulbins, Amnon Altman, Yuko Kawakami, and Toshiaki Kawakami

The Fifth Domain of β2-Glycoprotein I Contains a Phospholipid Binding Site (Cys281-Cys288) and a Region Recognized by Anticardiolipin Antibodies
John Hunt and Steven Krilis

Structural Analysis of the Human V_H Locus Using Nonrepetitive Intergenic Probes and Repetitive Sequence Probes: Evidence for Recent Reshuffling

Molecular Analysis of Mercury-Induced Antinucleolar Antibodies in H-2^d Mice
Marc Monestier, Michele J. Losman, Kristine E. Novick, and John P. Aris

Characterization of DAF-2, A High Molecular Weight Form of Decay-Accelerating Factor (DAF; CD55), as a Covalently Cross-Linked Dimer of DAF-1
Michael W. Nickells, Jose L. Alvarez, Douglas M. Lublin, and John P. Atkinson

Direct Sequence Identification and Kinetic Analysis of an MHC Class I-Restricted Listeria monocytogenes CTL Epitope
Eric G. Pamer

Production Of Mouse V/Human C Chimeric κ Genes By Homologous Recombination In Hybridoma Cells: Analysis Of Vector Design and Recombinant Gene Expression
Wenyong Sun, Jing Xiong, and Marc J. Shulman

Structure-Function Analysis of Human IFN-α: Mapping of a Conformational Epitope by Homologue Scanning
Linfa Wang, Paul J. Hertzog, Maria Galanis, Maree L. Overall, Gary J. Waine, and Anthony W. Linnane

Host Defense

Cerebral Expression of Multiple Cytokine Genes in Mice with Lymphocytic Choriomeningitis
Iain L. Campbell, Monte V. Hobbs, Phillip Kemper, and Michael B. A. Oldstone

Effect of Granulocyte-Macrophage Colony-Stimulating Factor on Rat Alveolar Macrophage Anticryptococcal Activity in Vitro
Gwo-Hsiao Chen, Jeffrey L. Curtis, Christopher H. Mody, Paul J. Christensen, Lori R. Armstrong, and Galen B. Toews

Protective Immunity Linked with a Distinct Developmental Stage of a Filarial Parasite
Wilhelm F. Eisenbeiss, Heiko Apfel, and Thomas F. Meyer

Complement Receptor-Mediated Uptake and Tumor Necrosis Factor-α-Mediated Growth Inhibition of Mycobacterium tuberculosis by Human Alveolar Macrophages

Differential Recognition of Murine Tumor-Associated Oncofetal Transplantation Antigen and Individually Specific Tumor Transplantation Antigens by Syngeneic Cloned BALB/c and RFM Mouse T Cells
James W. Rohrer, Shirley D. Rohrer, Adel Barsoum, and Joseph H. Coggin, Jr.

Inflammation

Transforming Growth Factor-β1 Inhibits Inflammatory Cytokine-Induced C3 Gene Expression in Astrocytes
Scott R. Barnum and Jennifer L. Jones
Differences between Human Eosinophils and Neutrophils in the Function and Expression of Sialic Acid-Containing Counterligands for E-Selectin  
Bruce S. Bochner, Sherry A. Sterbinsky, Carol A. Bickel, Sabine Werfel, Michael Wein, and Walter Newman

Tyrosine-Containing Activation Motif-Dependent Phagocytosis in Mast Cells  
Marc Daeron, Odile Malbec, Christian Bonnerot, Sylvain Latour, David M. Segal, and Wolf H. Fridman

Receptor-Dependent Internalization of Platelet-Activating Factor  
Norma P. Gerard and Craig Gerard

Regulatory Interaction of N-Formyl Peptide Chemoattractant Receptors with the Membrane Skeleton in Human Neutrophils  
Karl-Norbert Klotz, Kristine L. Krotec, Jeannie Gripentrog, and Algardas J. Jesaitis

FcγR-Mediated Endocytosis and Expression of Cell Surface FcγRIIb1 and FcγRIIb2 by Mouse Bone Marrow Culture-Derived Progenitor Mast Cells  
Robert B. Lobell, K. Frank Austen, and Howard R. Katz

Substance P Enhances the Secretion of Tumor Necrosis Factor-α from Neuroglial Cells Stimulated with Lipopolysaccharide  
Judith Luber-Narod, Reinhard Kage, and Susan E. Leeman

Taxol Provides a Second Signal for Murine Macrophage Tumoricidal Activity  
Carl L. Manthey, Pin-Yu Perera, Cindy A. Salkowski, and Stefanie N. Vogel

Requirements for L-Selectin in Neutrophil-Mediated Lung Injury in Rats  
Michael S. Mulligan, Masayuki Miyasaka, Takuya Tamatani, Michael L. Jones, and Peter A. Ward

Signal Transduction Pathways Mediating Astrocyte IL-6 Induction by IL-1β and Tumor Necrosis Factor-α  
J. Gavin Norris, Li-Ping Tang, Shaun M. Sparacio, and Eitty N. Benveniste

Granulocyte-Macrophage Colony-Stimulating Factor Enhances 5-Lipoxygenase Levels in Human Polymorphonuclear Leukocytes  
Marc Pouliot, Patrick P. McDonald, Leila Khamzina, Pierre Borgeat, and Shaun R. McColl

Bacterial Endotoxin Regulation of Cytokine Receptors on Murine Bone Marrow Cells: in Vivo and in Vitro Study  
Joe-Hung Shieh, Robert H. F. Peterson, and Malcolm A. S. Moore

Leukotrienes in Renal Transplant Rejection in Rats: Distinct Roles for Leukotriene B4 and Peptidoleukotrienes in the Pathogenesis of Allograft injury  
Robert F. Spurney, Sherif Ibrahim, David Butterly, Paul E. Klotman, Fred Sanfilippo, and Thomas M. Coffman

Modulation of Thrombospondin Receptor Expression During HL-60 Cell Differentiation  
Suzanne J. Suchard, Pamela J. Mansfield, and Vishva M. Dixit

Clinical Immunology

Endogenous Systemic IFN-γ Has a Protective Role against Ocular Autoimmunity in Mice  
Rachel R. Caspi, Chi-Chao Chan, Barry G. Grubbs, Phyllis B. Silver, Barbara Wiggert, Cameron F. Parsa, Sina Bahmanyar, Alfons Billiau, and Hubertine Heremans

Soluble FcγRIIa Is Present in Plasma and Is Derived from Natural Killer Cells  
Masja de Haas, Marion Kleijer, Robyn M. Minchinton, Dirk Roos, and Albert E. G. Kr. von dem Borne

Class II-Restricted T Cell Responses in Theiler’s Murine Encephalomyelitis Virus-Induced Demyelinating Disease: V. Mapping of a Dominant Immunopathologic VP2 T Cell Epitope in Susceptible SJL/J Mice  
Sheila J. Gerety, William J. Karpus, A. Ross Cubbon, Rajendra G. Goswami, M. Kathleen Rundell, Jeffrey D. Peterson, and Stephen D. Miller
Class II-Restricted T Cell Responses in Theiler’s Murine Encephalomyelitis Virus-Induced Demyelinating Disease: VI. Potentiation of Demyelination with and Characterization of an Immunopathologic CD4⁺ T Cell Line Specific for an Immunodominant VP2 Epitope
Sheila J. Gerety, M. Kathleen Rundell, Mauro C. Dal Canto, and Stephen D. Miller

Identification of Autoantibody Epitopes of Glutamic Acid Decarboxylase in Stiff-Man Syndrome Patients
Linsong Li, William A. Hagopian, H. Robert Brashear, Terri Daniels, and Åke Lernmark

IL-6-Anti-IL-6 Autoantibody Complexes with IL-6 Activity in Sera from some Patients with Systemic Sclerosis
Hiroshi Suzuki, Hiroyuki Takemura, Kazuyuki Yoshizaki, Yasuo Koishihara, Yoshiyuki Ohsugi, Akira Okano, Yukio Akiyama, Takeshi Tojo, Tadamitsu Kishimoto, and Heihachiro Kashiwagi

Induction of IL-6 Gene Expression in Kaposi’s Sarcoma Cells
Jing Yang, M. Kelly Hagan, and Margaret K. Offermann

Author Index

Information for Contributors

Submission Form

Membership Form