152 (3)

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

This information is current as of July 26, 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
## Cellular Immunology and Immune Regulation

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>965</td>
<td>Up-Regulation of the MHC Class II Molecules on B Cells by Peptide Ligands</td>
<td>Babita Agrawal, Ester Fraga, Kevin Kane, and Bhagirath Singh</td>
</tr>
<tr>
<td>976</td>
<td>Effects of CD45 on NF-κB: Implications for Replication of HIV-1</td>
<td>Andreas Baur, Steven Garber, and B. Matija Peterlin</td>
</tr>
<tr>
<td>984</td>
<td>Effects of Human T Lymphocyte Activation on Inosine Monophosphate Dehydrogenase Expression</td>
<td>Jennifer S. Dayton, Tullia Lindsten, Craig B. Thompson, and Beverly S. Mitchell</td>
</tr>
<tr>
<td>992</td>
<td>Relationship Between Multiple Biologic Effects of Rapamycin and the Inhibition of pp70S6 Protein Kinase Activity: Analysis in Mutant Clones of a T Cell Lymphoma</td>
<td>Francis J. Dumont, Anne Allmeyer, Carolyn Kastner, Paul A. Fischer, Katherine Paige Lemon, Jongkyeong Chung, John Blenis, and Mary Jo Starch</td>
</tr>
<tr>
<td>1004</td>
<td>Cells of Th2 Cytokine Phenotype Prevent LPS-Induced Lethality during Murine Graft-versus-Host Reaction: Regulation of Cytokines and CD8+ Lymphoid Engraftment</td>
<td>Daniel H. Fowler, Kazuhiro Karasawa, Anne Hasebek, Peter A. Cohen, and Ronald E. Gress</td>
</tr>
<tr>
<td>1014</td>
<td>Ligand of CD45 on B Cells Can Facilitate Production of Secondary Ig Isotypes</td>
<td>Anna George, Satyajit Rath, Kashroo E. Shroff, Michael Wang, and Jeannine M. Durdić</td>
</tr>
<tr>
<td>1022</td>
<td>Thymic Epithelial Cell Lines That Mediate Positive Selection Can Also Induce Thymocyte Clonal Deletion</td>
<td>Patrice Hugo, John W. Kappler, Dale I. Godfrey, and Philippa C. Marrack</td>
</tr>
<tr>
<td>1032</td>
<td>Tissue-Specific Expression of Messenger RNAs Encoding Endogenous Viral Superantigens</td>
<td>Christopher D. Jarvis, Ronald N. Germain, Gordon L. Hager, Melissa Damschroder, and Louis A. Matt</td>
</tr>
<tr>
<td>1039</td>
<td>Expression of Mtv-7 sag Gene in Vivo Using a Retroviral Vector Results in Selective Inactivation of Superantigen Reactive T Cells</td>
<td>Joonsoo Kang, Eiji Ido, Judy Pawling, Ulrich Beatner, Brigitte T. Huber, and Nobumichi Hozumi</td>
</tr>
<tr>
<td>1047</td>
<td>Effects of IL-12 on in Vivo Cytokine Gene Expression and Ig Isotype Selection</td>
<td>Suzanne C. Morris, Kathleen B. Madden, Jeffreys J. Adamovicz, William C. Gause, Brian R. Hubbard, Maurice K. Gately, and Fred D. Finkelmann</td>
</tr>
<tr>
<td>1057</td>
<td>Cytotoxic Lymphocyte Granzymes Trigger a Target Cell Internal Disintegration Pathway Leading to Cytolysis and DNA Breakdown</td>
<td>Hiroo Nakajima and Pierre A. Henkart</td>
</tr>
<tr>
<td>1064</td>
<td>Redox Mechanism as Alternative to Ligand Binding for Receptor Activation Delivering Disregulated Cellular Signals</td>
<td>Izumi Nakashima, Meiyi Pu, Akira Nishizaki, Idris Rosila, Li Ma, Yoshiaki Katano, Kozo Okkusu, S. M. Jamshedur Rahman, Ken-ichi Isobe, Michinari Hamaguchi, and Keisuke Sago</td>
</tr>
</tbody>
</table>
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-Pepptide Complexes for Viable Antigen Presenting Cells
Neal R. Nygard, Karen S. Giauconetto, 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 Punningen and Jan E. de Vries

Reduction of CTL Antipeptide Response Mediated by CD8+ Cells Whose Class I MHC Can Bind the Peptide
Suryaprakash R. Sambhara 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 Kührer, 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 Sailer, Sinuho 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
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 Ransdell

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. Griffin

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 Basil 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. Zwillinger

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. Greber, 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, Kazuhiko Kaji, and Shigeharu Nagasawa

IFN and Virus-Inducible Expression of an Immediate Early Gene, crg-2/IP-10, and a Delayed Gene, l-αα, 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. Zinik, Robert M. Kotloff, Janshjid Latifpour, Tao Zheng, Narda L. Whiting, Jason Schwalb, and Jack A. Elias

Clinical Immunology

V₃₅ and Vₓ 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, Berivan Basink, Lars Nilsson, Lennart Hammarsjön, Paschalis Sideras, and C. I. Edvard Smith

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

T Cell Receptor α-Chain Repertoire of Pathogenic Autoantibody-inducing T Cells in Lupus Mice Changchuiin 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