153 (5)

http://www.jimmunol.org/content/153/5.citation

This information is current as of September 19, 2021.

**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
TABLE OF CONTENTS

CELLULAR IMMUNOLOGY AND IMMUNE REGULATION

1915 Characteristics of an In Vitro System of Thymocyte Positive Selection
Graham Anderson, John J. T. Owen, Nel C. Moore, and Eric J. Jenkinson

1921 Activation of T Cells by Previously Activated T Cells: HLA-Unrestricted
Alternative Pathway That Modifies Their Proliferative Potential
Francine Bouchonnet, Denise Lecossier, Agnès Bellocq, Isabelle Hamy,
and Allan J. Hance

1936 Immune Dysregulation in TGF-β1-Deficient Mice
Marielle Christ, Nancy L. McCartney-Francis, Ashok B. Kulkarni,
Jerrold M. Ward, Diane E. Mizel, Crystal L. Mackall, Ronald E. Gress,
Keith L. Hines, Hongsheng Tian, Stefan Karlsson, and Sharon M. Wahl

1947 Tyrosine Kinase Activation Provides an Early and Requisite Signal for
Fas-Induced Apoptosis
Christine M. Eischen, Christopher J. Dick, and Paul J. Leibson

1955 Multiple Glycosylphosphatidylinositol-Anchored Ly-6 Molecules and
Transmembrane Ly-6E Mediate Inhibition of IL-2 Production
Tony J. Fleming and Thomas R. Malek

1963 TNF Receptors TR60 and TR80 Can Mediate Apoptosis Via Induction of
Distinct Signal Pathways
Matthias Grell, Gudrun Zimmermann, Dieter Hülser, Klaus Pfenzmaier, and
Peter Schourich

1973 Endogenous Granulocyte-Macrophage Colony-Stimulating Factor is
Involved in IL-1- and IL-7-Induced Murine Thymocyte Proliferation
André Herbelin, François Machavoine, Alain Vicari, Elke Schneider,
Martine Papiernik, Hermann Ziltener, Claude Penit, and Michel Dy

1982 Corneal Endothelial Cells Inhibit T Cell Proliferation by Blocking IL-2
Production
Hidetoshi Kawashima, Shiv A. Prasad, and Dale S. Gregerson
1990  Differential Up-Regulation of the B7–1 and B7–2 Costimulatory Molecules After Ig Receptor Engagement by Antigen
Deborah J. Lenschow, Anne I. Sperling, Michael P. Cooke, Gordon Freeman, 
Lesley Rhee, Donna C. Decker, Gary Gray, Lee M. Nadler, 
Christopher C. Goodnow, and Jeffrey A. Bluestone

1998  Epstein-Barr Virus Induces Actin Polymerization in Human B Cells
Isaac Melamed, Leonard Stein, and Chaim M. Roifman

2004  Elevation of Lymphocyte CD45 Protein Tyrosine Phosphatase Activity During Mitosis
Lyla J. Melkerson-Watson, Margaret E. Waldmann, Arilus D. Gunter, 
Michael H. Zaroukian, and Walter J. Esselman

2014  Development of Intestinal Intraepithelial T Lymphocytes Is Independent of Peyer's Patches and Lymph Nodes in aly Mutant Mice
Masanobu Nanno, Satoshi Matsumoto, Ryuji Koike, Masayuki Miyasaka, 
Mariko Kawaguchi, Tohru Masuda, Shigeki Miyawaki, Zhe Cai, 
Tadakatsu Shimamura, Yasuyoshi Fujiura, and Hiromichi Ishikawa

2021  Expression of Type 3 Complement Receptor on Activated CD8+ T Cells Facilitates Homing to Inflammatory Sites
Henrik Vedel Nielsen, Jan Pravsgaard Christensen, Ellen Christina Andersson, 
Ole Marker, and Allan Randrup Thomsen

2029  IFN-γ Receptor-Deficient Mice Generate Antiviral Th1-Characteristic Cytokine Profiles but Altered Antibody Responses
Virgil E. C. J. Schijns, Bart L. Haagmans, Eric O. Rijke, Sui Huang, 
Michel Aguet, and Marian C. Horzinek

2038  CD1+ Human Thymocytes Proliferate in Response to Superantigen Staphylococcal Enterotoxin B
Scott C. Todd, Roberto Baccala, Joseph A. Hedrick, Argyrios N. Theofilopoulos, 
and Constantine D. Tsoukas

**Molecular and Structural Immunology**

2046  Dominant Negative Mutant of c-Jun Inhibits NF-AT Transcriptional Activity and Prevents IL-2 Gene Transcription
Daniel Petrak, Sarfraz A. Memon, Michael J. Birrer, Jonathan D. Ashwell, 
and Charles M. Zacharchuk

2052  NF-kB and Sp1 Regulate Transcription of the Human Monocyte Chemoattractant Protein-1 Gene
Atsuhisa Ueda, Kenji Okuda, Shigeru Ohno, Akira Shirai, Toshihisa Igarashi, 
Keiichiro Matsunaga, Jun Fukushima, Susumu Kawamoto, 
Yoshiaki Ishigatsubo, and Takao Okubo

**Host Defense**

2064  Immunization of BALB/c Mice with Recombinant Simian Virus 40 Large Tumor Antigen Induces Antibody-Dependent Cell-Mediated Cytotoxicity Against Simian Virus 40-Transformed Cells: An Antibody-Based Mechanism for Tumor Immunity
Robert K. Bright, Michael H. Shearer, and Ronald C. Kennedy
Tat Protein from HIV-1 Binds to *Mycobacterium avium* Via a Bacterial Integrin: Effects on Extracellular and Intracellular Growth

*Michel Denis*

Analysis of Human T Cell Clones Specific for Conserved Peptide Sequences Within Malaria Proteins: Paucity of Clones Responsive to Intact Parasites


Endogenous IL-1 is Required for Neutrophil Recruitment and Macrophage Activation During Murine Listeriosis

*Howard W. Rogers, Catherine S. Tripp, Robert D. Schreiber, and Emil R. Unanue*

Expression of MUC1 on Myeloma Cells and Induction of HLA-Unrestricted CTL Against MUC1 from a Multiple Myeloma Patient

*Tohru Takahashi, Yusuke Makiguchi, Yuji Hinoda, Hideki Kakiuchi, Naoaki Nakagawa, Kohzoh Imai, and Akira Yachi*

Resistance of *Actinobacillus pleuropneumoniae* to Bactericidal Antibody and Complement Is Mediated by Capsular Polysaccharide and Blocking Antibody Specific for Lipopolysaccharide

*Christine K. Ward and Thomas J. Inzana*

**INFLAMMATION**

IL-4 Directly Modulates Function of a Model Human Intestinal Epithelium

*Sean P. Colgan, Murray B. Resnick, Charles A. Parkos, Charlene Delp-Archer, Deidre McGuirk, Abraham E. Bacarra, Peter F. Weller, and James L. Madara*

Mechanisms of IL-4-Mediated Suppression of IP-10 Gene Expression in Murine Macrophages

*Wanleng Deng, Yoshihiro Ohmori, and Thomas A. Hamilton*

Different Signaling Pathways for CD18-Mediated Adhesion and Fc-Mediated Phagocytosis: Response of Neutrophils to LPS

*Patricia A. Detmers, Dahua Zhou, and Darius E. Powell*

Effect of Aging on Murine Macrophages: Diminished Response to IFN-γ for Enhanced Oxidative Metabolism

*Aihao Ding, Sonya Hwang, and Rise Schwab*

Eosinophil Transendothelial Migration Induced by Cytokines: III. Effect of the Chemokine RANTES

*Motohiro Ebisawa, Toshimitsu Yamada, Carol Bickel, David Klunk, and Robert P. Schleimer*

Comparison of Human Eosinophil and Neutrophil Adhesion to Endothelial Cells Under Nonstatic Conditions: Role of L-Selectin

*Edward F. Knol, Fred Tackey, Thomas F. Tedder, David A. Klunk, Carol A. Bickel, Sherry A. Sterbinsky, and Bruce S. Bochner*

Tenidap Modulates Cytoplasmic pH and Inhibits Anion Transport In Vitro: II. Inhibition of IL-1β Production from ATP-Treated Monocytes and Macrophages

*Ron Laliberte, David Perregaux, Linne Svensson, Christopher J. Pazoles, and Christopher A. Gabel*
Tenidap Modulates Cytoplasmic pH and Inhibits Anion Transport In Vitro: I. Mechanism and Evidence of Functional Significance
Patricia McNiff, Linne Svensson, Christopher J. Pazoles, and Christopher A. Gabel

Transforming Growth Factor-β Prevents Stem Cell Factor-Mediated Rescue of Mast Cells from Apoptosis After IL-3 Deprivation
Yoseph A. Mekori and Dean D. Metcalfe

IFN-γ Selectively Inhibits Lipopolysaccharide-Inducible JE/Monocyte Chemoattractant Protein-1 and KC/GRO/Melanoma Growth-Stimulating Activity Gene Expression in Mouse Peritoneal Macrophages
Yoshihiro Ohmori and Thomas A. Hamilton

Antibody-Mediated Complement Activation on Nucleated Cells: A Quantitative Analysis of the Individual Reaction Steps
Markus W. Ollert, Joseph V. Kadlec, Kerstin David, Eugene C. Petrella, Reinhard Bredehorst, and Carl-Wilhelm Vogel

Ligand Binding to Monocyte α5β1 Integrin Activates the α2β1 Receptor Via the α5 Subunit Cytoplasmic Domain and Protein Kinase C
Roberto Pacifici, Jesse Roman, Robert Kimble, Roberto Civitelli, Cynthia M. Brownfield, and Cinzia Bizzarri

Ischemia Reperfusion Injury in the Rabbit Ear Is Reduced by Both Immediate and Delayed CD18 Leukocyte Adherence Blockade
Sam R. Sharar, Davor D. Mihelcic, Ki-Taik Han, John M. Hartlan, and Robert K. Winn

Inhibition of Lipopolysaccharide and IL-1 but Not of TNF-Induced Activation of Human Endothelial Cells by Suramin
Gideon Strassmann, Norma Graber, Sanna M. Goyert, Miranda Fong, Shelia McCullers, Guo-Wei Rong, and L. Dawson Beall

TNF and Its Receptor Antibody Agonist Differ in Mediation of Cellular Responses
Klara Totpal, Ruth LaPushin, Tadahiko Kohno, Bryant G. Darnay, and Bharat B. Aggarwal

Interleukin-10 Treatment Can Suppress Stromal Keratitis Induced by Herpes Simplex Virus Type 1

Clinical Immunology

Autoantibodies to Human Nuclear Lamin B2 Protein: Epitope Specificity in Different Autoimmune Diseases
Josè Brito, Giuseppe Biamonti, Roberto Caporali, and Carlomaurizio Montecucco

TNF-α Production by Eosinophils in Upper Airways Inflammation (Nasal Polypsis)
Susetta Finotto, Isao Ohno, Jean S. Marshall, Jack Gauldie, Judah A. Denburg, Jerry Dolovich, David A. Clark, and Manel Jordana
Natural Autoantibody Against Apolipoprotein A-I: Detection and Characterization of the Monoclonal Antibody Established from Normal Unimmunized BALB/c Mice

Hirotaka Imai, Shigeki Suzuki, Kayoko Uchida, Kazunori Kikuchi, Hiromu Sugiyama, Hiroshi Kohno, Masato Umeda, and Keizo Inoue

Cytokine Profile and Ultrastructure of Intraepithelial γδ T Cells in Chronically Inflamed Human Gingiva Suggest a Cytotoxic Effector Function

Carina Lundqvist, Vladimir Baranov, Stephan Teglund, Sten Hammarström, and Marie-Louise Hammarström

Prevention of Mercuric Chloride-Induced Nephritis in the Brown Norway Rat by Treatment with Antibodies Against the α4 Integrin

Ana Molina, Francisco Sánchez-Madrid, Teresa Bricio, Ana Martín, Antonio Barat, Vicente Alvarez, and Francisco Mampaso

Gene Expression of Hematoregulatory Cytokines Is Elevated Endogenously After Sublethal Gamma Irradiation and Is Differentially Enhanced by Therapeutic Administration of Biologic Response Modifiers

Verlyn M. Peterson, Jeffrey J. Adamovicz, Thomas B. Elliott, Mary M. Moore, Gary S. Madonna, William E. Jackson III, G. David Ledney, and William C. Gause

Adult Onset Immunodeficiency Caused by Inherited Adenosine Deaminase Deficiency

Claire L. Shovlin, H. Anne Simmonds, Lynette D. Fairbanks, Sarah J. Deacock, J. Michael B. Hughes, Robert I. Lechler, A. David B. Webster, Xi-Ming Sun, Julie C. Webb, and Anne K. Soutar

A Cross-Reactive Idiotope on T Cells from PL/J Mice and Lewis Rats That Recognizes Different Myelin Basic Protein Encephalitogenic Epitopes but Is Restricted by TCR Vβ8.2

Shan-Ren Zhou, John N. Whitaker, Qiao Han, Curtis Maier, and J. Edwin Blalock

Letter to the Editor

Author Index

Information for Authors

Submission Form

Membership Application