This information is current as of May 30, 2022.
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 Pfenzenmaier,
and Peter Schourich

1973 Endogenous Granulocyte-Macrophage Colony-Stimulating Factor is
Involved in IL-1- and IL-7-Induced Murine Thymocyte Proliferation
André Hertelin, François Machavaine, 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

The Journal of Immunology (ISSN 0022-1767) is published twice each month by The American Association of
Immunologists, 428 East Preston Street, Baltimore, MD 21202. Subscription rates $170 ($260 foreign); institutions
$300 ($390 foreign); single copy $10 ($15 foreign). Air Printed Matter rates are available on request from Customer
Service, 428 E. Preston St., Baltimore, MD 21202-3993. Indexed by Current Contents and Index Medicus. Second
class postage paid at Baltimore, MD 21202 and at additional mailing offices. Country of origin USA. Printed on
acid-free paper which can be recycled. Postmaster: Send address changes to The Journal of Immunology, 428 East
Preston Street, Baltimore, MD 21202. Copyright © 1994 by The American Association of Immunologists.
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 A. G. M. 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-κB and Sp1 Regulate Transcription of the Human Monocyte Chemoattractant Protein-1 Gene
Atsuhisa Ueda, Kenji Okuda, Shigeru Ohno, Akira Shirai, Toshihisa Igarashi, Keiichiro Matsumaga, 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. Hartman, 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, Sheila 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
2290  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

2302  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

2313  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

2321  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

2331  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

2340  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

2352  Letter to the Editor

2353  Author Index

2355  Information for Authors

2357  Submission Form

2358  Membership Application