This information is current as of April 14, 2017.
###TABLE OF CONTENTS

####CELLULAR IMMUNOLOGY AND IMMUNE REGULATION

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>3369</td>
<td>T Cell-Independent and T Cell-Dependent B Cell Activation Increases IFN-γR Expression and Renders B Cells Sensitive to IFN-γ-Mediated Inhibition</td>
<td>Nashwa S. Abed, Jacqueline H. Chace, and John S. Cowdery</td>
</tr>
<tr>
<td>3378</td>
<td>Up-Regulation of Murine Neonatal T Helper Cell Responses by Accessory Cell Factors</td>
<td>Becky Adkins, Arman Ghanei, and Kara Hamilton</td>
</tr>
<tr>
<td>3386</td>
<td>Free Recirculation of Memory B Cells Versus Antigen-Dependent Differentiation to Antibody-Forming Cells</td>
<td>Martin F. Bachmann, Thomas M. Kündig, Bernhard Odermatt, Hans Hengartner, and Rolf M. Zinkernagel</td>
</tr>
<tr>
<td>3398</td>
<td>MHC Class II Molecules That Lack Cytoplasmic Domains Are Associated with the Cytoskeleton</td>
<td>Catherine P. Chia, Irina Khrebtukova, James McCluskey, and William F. Wade</td>
</tr>
<tr>
<td>3408</td>
<td>Modulation of Antigen- and Mitogen-Induced Proliferative Responses of Peripheral Blood Mononuclear Cells by Nonselective and Isozyme Selective Cyclic Nucleotide Phosphodiesterase Inhibitors</td>
<td>David M. Essayan, Shau-Ku Huang, Bradley J. Undem, Anne Kagey-Sobotka, and Lawrence M. Lichtenstein</td>
</tr>
<tr>
<td>3417</td>
<td>Induction of NGFI-B Gene Expression During T Cell Activation: Role of Protein Phosphatases</td>
<td>Inmaculada Garcia, Carlos Pipaon, Susana Alemany, and Ana Perez-Castillo</td>
</tr>
<tr>
<td>3426</td>
<td>Characterization of the Activation-Associated Isoform of CD43 on Murine T Lymphocytes</td>
<td>Amanda Tomlinson Jones, Bartolome Federspiel, Lesley G. Ellies, Michael J. Williams, Roger Burgener, Vincent Duronio, C. Anne Smith, Fumio Takei, and Hermann J. Zittener</td>
</tr>
<tr>
<td>3440</td>
<td>Characterization of Soluble CD44 in the Circulation of Mice: Levels Are Affected by Immune Activity and Tumor Growth</td>
<td>Shigeki Katoh, James B. McCarthy, and Paul W. Kincade</td>
</tr>
</tbody>
</table>
Dendritic Epidermal T Cells Inhibit T Cell Proliferation and May Induce Tolerance by Cytotoxicity
Cheryl D. Love-Schimenti and Margaret L. Kripke

Prevention of Anti-CD3 Monoclonal Antibody-Induced Thymic Apoptosis by Protein Tyrosine Kinase Inhibitors
Kiyoshi Migita, Katsumi Eguchi, Yojiro Kawabe, Akinari Mizokami, Toshiaki Tsukada, and Shigenobu Nagataki

Functional Role and Signal-Induced Modulation of Proteins Recognizing the Conserved TCATT-Containing Promoter Elements in the Murine IL-5 and GM-CSF Genes in T Lymphocytes
Honami Naora, Barbara H. van Leeuwen, Peter F. Bourke, and Ian G. Young

Simultaneous Activation of Ig and Oct-2 Synthesis and Reduction of Surface MHC Class II Expression by IL-6
Yasodha Natkunam, Xiaokui Zhang, Ziying Liu, and Selina Chen-Kiang

Analysis of IL-2 Gene Regulation in c-fos Transgenic Mice: Evidence for an Enhancement of IL-2 Expression in Splenic T Cells Stimulated via TCR/CD3 Complex
Yutaka Ochi, Tamio Koizumi, Seiichi Kobayashi, Janyaporn Phuchareon, Masahiko Hatan, Moriatsu Takada, Yoshikazu Tomita, and Takeshi Tokuhisa

Thymic Development in Human CD4 Transgenic Mice: Positive Selection Occurs After Commitment to the CD8 Lineage
Robin Kaufman Paterson, Linda C. Burkly, David K. Kurahara, Anne Dunlap, Richard A. Flavell, and Terri Helman Finkel

Signaling Via CD7 Molecules on Human NK Cells: Induction of Tyrosine Phosphorylation and β1 Integrin-Mediated Adhesion to Fibronectin
Hannah Rabinowich, Wen-chang Lin, Ronald B. Herberman, and Theresa L. Whiteside

Single IL-2-Secreting Precursor CD4 T Cell Can Develop into Either Th1 or Th2 Cytokine Secretion Phenotype
Subash Sad and Tim R. Mosmann

Demonstration of Organic Anion Transport in T Lymphocytes: L-Lactate and Fluo-3 are Target Molecules
Frank Sommer, Susanne Bischof, Martin Röllinghoff, and Michael Lohoff

MOLECULAR AND STRUCTURAL IMMUNOLOGY

β2-Microglobulin Induces a Conformational Change in an MHC Class I H Chain That Occurs Intracellularly and Is Maintained at the Cell Surface
Ursula G. Donliczyk and Terry L. Delovitch

The Effect of Mutant β2-Microglobulins on the Conformation of HLA-B27 Detected by Antibody and by CTL
Toru Fukazawa, Elisabeth Hermann, Michael Edidin, Juan Wen, Feng Huang, Herbert Kellner, Jürgen Floege, Danny Farahmandian, Kristina M. Williams, and David Tak Yan Yu
Lack of Allelic Exclusion Permits Autoreactive B Cells to Escape Deletion
Andrey Iliev, Linda Spatz, Subhransu Ray, and Betty Diamond

Identification of the IgA-Binding Region in Streptococcal Protein Arp
Eskil Johnsson, Göran Andersson, Gunnar Lindahl, and Lars-Olof Hedén

Five Putative Subclasses of Swine IgG Identified from the cDNA Sequences of a Single Animal
Imre Kacskovics, Jishan Sun, and John E. Butler

The CD39 Lymphoid Cell Activation Antigen: Molecular Cloning and Structural Characterization

LPS-Induced Expression of the Human IL-1 Receptor Antagonist Gene Is Controlled by Multiple Interacting Promoter Elements
Michael F. Smith, Jr., Denise Eidlen, William P. Arend, and Arthur Gutierrez-Hartmann

Mutations in Ig V(D)J Genes Are Distributed Asymmetrically and Independently of the Position of V(D)J
John S. Weber, Jan Berry, Tim Manser, and J. Latham Clafiin

Differentiation of the T Helper Phenotypes by Analysis of the Methylation State of the IFN-γ Gene
Howard A. Young, Paritosh Ghosh, Jianping Ye, James Lederer, Andrew Lichtman, Jeffrey R. Gerard, Laurie Penix, Christopher B. Wilson, Ann J. Melvin, Mary E. McGurn, David B. Lewis, and Dennis D. Taub

HOST DEFENSE

Clonal Expansion but Lack of Subsequent Clonal Deletion of Bacterial Superantigen-Reactive T Cells in Murine Retroviral Infection
Yoshiyasu Aoki, Kenji Hiromatsu, Jun Usami, Masahiko Makino, Hideo Igarashi, Jun Ogasawara, Shigekazu Nagata, and Yasunobu Yoshikai

Expression of the Inducible Nitric Oxide Synthase: Correlation with Neuropathology and Clinical Features in Mice with Lymphocytic Choriomeningitis
Iain L. Campbell, Ana Samimi, and Chi-Shiun Chiang

Retroviral Transduction of Protein Kinase C-γ into Tumor-Specific T Cells Allows Antigen-Independent Long-Term Growth in IL-2 with Retention of Functional Specificity In Vitro and Ability to Mediate Tumor Therapy In Vivo
Wei Chen, Elizabeth Schweins, Xiuzheng Chen, Olivera J. Finn, and Martin A. Cheever

IL-12 Regulates T Helper Type 1 Cytokine Responses in Human Infectious Disease
Peter A. Sieling, Xiao-Hong Wang, Maurice K. Gately, Jennifer L. Oliveros, Teresa McHugh, Peter F. Barnes, Stanley F. Wolf, Linda Golkar, Masahiro Yamamura, Yasuko Yogi, Koichi Uyemura, Thomas H. Rea, and Robert L. Modlin
3648 Functional Analysis of the Serpin Domain of C1 Inhibitor
Maria Coutinho, Kulwant S. Aulak, and Alvin E. Davis III

3655 Evidence for Glycosphingolipid Modification of the Type 1 IFN Receptor
Julien Ghislain, Clifford A. Lingwood, and Eleanor N. Fish

3664 Selective Inhibitory Effects of the Anticoagulant Activated Protein C on the
Responses of Human Mononuclear Phagocytes to LPS, IFN-γ, or
Phorbol Ester
Shane T. Grey, Akiyasu Tsuchida, Helena Hau, Carolyn L. Ortner,
Hatem H. Salem, and Wayne W. Hancock

3673 Endothelial Cell-Associated Platelet-Activating Factor Primes Neutrophils
for Enhanced Superoxide Production and Arachidonic Acid Release
During Adhesion to but not Transmigration Across IL-1β-Treated
Endothelial Monolayers
Maxine E. Hill, Ian N. Bird, Robert H. Daniels, Moira A. Elmore,
and Michael J. Finnen

3684 Synergistic Cooperation Between Phorbol Ester and IFN-γ for Induction of
Nitric Oxide Synthesis in Murine Peritoneal Macrophages
Chang-Duk Jun, Byung-Min Choi, Hoon-Ryu, Jae-Young Um, Hyun-Jeong Kwak,
Bok-Soo Lee, Sang-Gi Paik, Hyung-Min Kim, and Hun-Taeg Chung

3691 Activation of Human Monocytes Via a Non-Neurokinin Substance P
Receptor That Is Coupled to Gi Protein, Calcium, Phospholipase D,
MAP Kinase, and IL-6 Production
Annemieke Kavelaars, Dirk Broeke, Frank Jeurissen, Joost Kardux,
Anita Meijer, Richard Franklin, Erwin W. Gelfand, and Cobi J. Heijnen

3700 Relationship of TSG-14 Protein to the Pentraxin Family of Major Acute
Phase Proteins
Gene W. Lee, Adam R. Goodman, Tae H. Lee, and Jan Vilček

3708 Serologic Analysis of the Mouse β Chemokine JE/Monocyte
Chemotactrant Protein-1
Yi Luo, Joseph Laning, Masaharu Hayashi, Paul R. Hancock, Barrett Rollins,
and Martin E. Dorf

3717 Stem Cell Factor Is a Chemotactic Factor for Human Mast Cells
Gunnar Nilsson, Joseph H. Butterfield, Kenneth Nilsson, and Agnete Siegbahn

3724 The In Vivo and In Vitro Effects of Antibodies Against Rabbit β2-Integrins
Judith Rutter, Tina J. James, David Howat, Anthony Shock, David Andrew,
Patrick De Baetselier, Jeanette Blackford, J. Michael Wilkinson, Gerald Higgs,
Brenda Hughes, and Martyn K. Robinson

3734 Lipopolysaccharide-Dependent Induction of IL-10 Receptor Expression on
Murine Fibroblasts
Renate M. Weber-Nordt, Marco A. Meraz, and Robert D. Schreiber

3745 Role of Sulfhydryl Groups in Induction of Cell Surface Down-Modulation
and Shedding of Extracellular Domain of Human TNF Receptors in Human
Histiocytic Lymphoma U937 Cells
Lisha Zhang and Bharat B. Aggarwal
Expression of a Novel Autoantibody Defined by the V_{H}3–15 Gene in Inflammatory Bowel Disease and Campylobacter jejuni Enterocolitis
Linda S. Berberian, Yadira Valles-Ayoub, Lynn K. Gordon, Stephan R. Targan, and Jonathan Braun

CD4^{+}CD8^{−} T Cells Are the Effector Cells in Disease Pathogenesis in the Scurfy (sf) Mouse
Patrick J. Blair, Scott J. Bultman, Julia C. Haas, Barry T. Rouse, J. Erby Wilkinson, and Virginia L. Godfrey

Prevention of Autoimmune Type I Diabetes in BioBreeding (BB) Rats by a Newly Established, Autoreactive T Cell Line from Acutely Diabetic BB Rats
Masao Nagata and Ji-Won Yoon

Clonotype Analysis of Peripheral Blood T Cells and Autoantigen-Reactive T Cells from Patients with Mixed Connective Tissue Disease
Mitsuo Okubo, Manae Kurokawa, Hitoshi Ohto, Tomoe Nishimaki, Kusuki Nishioka, Reiji Kasukawa, and Kazuhiko Yamamoto

Characterization and Affinity Isolation of Xenoreactive Human Natural Antibodies
William Parker, Dieter Bruno, Zoie E. Holzknecht, and Jeffrey L. Platt

Human IgE in SCID Mice Reconstituted with Peripheral Blood Mononuclear Cells from Dermatophagoides pteronyssinus-Sensitive Patients
Joël Pestel, Pascale Jeannin, Yves Delneste, Jean-Paul Dessaint, Jean-Yves Cesbron, André Capron, Anne Tsicopoulos, and André-Bernard Tonnel

Recombinant Human IL-6 Suppresses Demyelination in a Viral Model of Multiple Sclerosis
Moses Rodriguez, Kevin D. Pavelko, Christopher W. McKinney, and Julian L. Leibowitz

A Region of the Third Variable Loop of HIV-1 gp120 Is Recognized by HLA-B7-Restricted CTLs from Two Acute Seroconversion Patients

TAT-Mediated Transcellular Activation of HIV-1 Long Terminal Repeat Directed Gene Expression by HIV-1-Infected Peripheral Blood Mononuclear Cells
Christian A. Thomas, Jay Dobkin, and Ofra K. Weinberger

Author Index

Information for Authors
Submission Form
Membership Application