This information is current as of April 13, 2017.
Cellular Immunology and Immune Regulation

2895 Heterogeneous Mechanisms of Human Cytotoxic T Lymphocyte Generation: II. Differential Effects of IL-6 on the Helper Cell–Independent Generation of CTL from CD8+ Precursor Subpopulations
Hong Z. Bass, Naomi Yamashita, and Loran T. Clement

2904 Clustered CD3/TCR Complexes Do Not Transduce Activation Signals after Bispecific Monoclonal Antibody-Triggered Lysis by Cytotoxic T Lymphocytes via CD3
Carla J. A. C. Blank-Voorthuis, Eric Braakman, Cees P. M. Ronteltap, Ben C. Til, Eel Sturm, Sven O. Warnaar, and Reinder L. H. Bolhuis

2915 The CD19 Signal Transduction Complex of B Lymphocytes: Deletion of the CD19 Cytoplasmic Domain Alters Signal Transduction but not Complex Formation with TAPA-1 and Leu 13
Laura E. Bradbury, Victor S. Goldmacher, and Thomas F. Tedder

2928 HIV-1 Envelope Protein is Expressed on the Surface of Infected Cells Before Its Processing and Presentation to Class II-Restricted T Lymphocytes
Kevin M. Callahan, Jennifer F. Rowell, Mark J. Soloski, Carolyn E. Machamer, and Robert F. Siliciano

2934 Cellular and Molecular Mechanisms of Activation of MHC Nonrestricted Cytotoxic Cells by IL-12
Alessandra Cesano, Sophie Vissonneau, Steven C. Clark, and Daniela Santoli

2958 Parameters of Tolerance Induction by Antigen Targeted to B Lymphocytes
Elizabeth E. Eynon and David C. Parker

2965 Apoptosis in Splenic B lymphocytes: Regulation by Protein Kinase C and IL-4
Vivian A. Illera, Carlos E. Perandones, Laura L. Stunz, Don A. Mower, Jr., and Robert F. Ashman

2974 IFN-γ-Induced Recognition of the Antigen-Processing Variant CMT.64 by Cytolytic T Cells Can Be Replaced by Sequential Addition of β2 Microglobulin and Antigenic Peptides
Wilfred A. Jefferies, Gerassimos Kolaitis, and Reinhard Gabathuler

2986 Accessory Molecules Involved in Antigen-Mediated Cytolysis and Lymphokine Production by Cytotoxic T Lymphocyte Subsets: I. Identification of Functions for the T Cell Surface Molecules Ly-6C and Thy-1
Raymond Johnson, David W. Lancki, and Frank W. Fitch

3000 Appearance of TCR-αβ+CD4−CD8− Skin Intraepithelial Lymphocytes in Radiation Bone Marrow Chimeras
Masaro Ogimoto, Goro Matsuzaki, Yasunobu Yoshikai, Yoshihiko Tauchi, and Kikuo Nomoto

3007 Loxoribine (7-Allyl-8-Oxoguanosine) Activates Natural Killer Cells and Primes Cytolytic Precursor Cells for Activation by IL-2
Barbara L. Pope, Erika Chourmouzis, Lilia Victorino, J. Philip MacIntyre, Robert J. Capetola, and Catherine Y. Lau
Characterization of the Fcµ Receptor on Human Natural Killer Cells: Interaction with Its Physiologic Ligand, Human Normal IgM, Specificity of Binding, and Functional Effects
Luminita Pricop, Hannah Rabinowich, Penelope A. Morel, Andrei Salica, Theresa L. Whiteside, and Ronald B. Herberman

Development of T Cell Receptor-γδ Cells: Phenotypic and Functional Correlations of T Cell Receptor-γδ Thymocyte Maturation
Yoichi Tatsumi, John C. Pena, Louis Matis, Dominick Deluca, and Jeffrey A. Bluestone

Monoclonal c-myc Transformed Macrophage Cell Lines: I. Heterogeneity in Ability to Process and Present Antigen
Emanuelle Trannoy, Tim Manser, Michael D. Cole, and Michael J. Daley

Hen Egg-White Lysozyme-Specific T Cells Elicited in Hen Egg-White Lysozyme-Transgenic Mice Retain an Imprint of Self-Tolerance
Terecita D. Yule, Antony Basten, and Paul M. Allen

Molecular and Structural Immunology

High Occupancy Binding of Antigenic Peptides to Purified, Immunoadsorbed H-2Dβ₂m Molecules
Deborah N. Burstyn and Brian H. Barber

Dynamics of Peptide Binding to Purified Antibody-Bound H-2D and H-2Dα₂m Complexes
Deborah N. Burstyn and Brian H. Barber

Junctional Diversity in the Absence of N Regions: Neonatal T Cell Receptor β Chain Junctional Sequences are More Heterogeneous than Neonatal T Cell Receptor γδ or IgH Junctions
Ann J. Feeney

Characterization and Expression of Recombination Activating Genes (RAG-1 and RAG-2) in Xenopus laevis
Patricia Greenghalgh, Corinne E. M. Olesen, and Lisa A. Steiner

Expression Cloning of a cDNA Encoding a Novel Murine B Cell Activation Marker: Homology to Human CD38
Nobuyuki Harada, Leopoldo Santos-Argumedo, Ray Chang, J. Christopher Grimaldi, Frances E. Ludl, Camilynn I. Brannan, Neal G. Copeland, Nancy A. Jenkins, Andrew W. Heath, R. M. E. Parkhouse, and Maureen Howard

A B Lymphocyte Surface Molecule Mediating Activation and Protection from Apoptosis via Calcium Channels
Leopoldo Santos-Argumedo, Carlos Teixeira, Graham Preece, Paul A. Kirkham, and R. M. E. Parkhouse

Coordinate Transcriptional Control of Murine Endogenous Retrovirus and Ig Genes During B Cell Differentiation
Donna S. Hummell, Janis S. Dooley, Arifa S. Khan, and Alexander R. Lawton

Simultaneous Involvement of All Six Predicted Antigen Binding Loops of the T Cell Receptor in Recognition of the MHC/Antigenic Peptide Complex
Shailaja Kasibhatla, Eric A. Nalefski, and Anjana Rao

CD3ζ/γθ Locus Is Colinear with and Transcribed Antisense to the Gene Encoding the Transcription Factor Oct-1
Adan Lerner, Luciano D'Adamio, Andrew C. Diener, Linda K. Clayton, and Ellis L. Reinherz

HLA DR4w4-Binding Motifs Illustrate the Biochemical Basis of Degeneracy and Specificity in Peptide-DR Interactions
Alessandro Sette, John Sidney, Carla Oseroff, Marie-France del Guercio, Scott Southwood, Thomas Arthenius, Michael F. Powell, Sonia M. Colén, Federico C. A. Gaeta, and Howard M. Grey
Host Defense

3171 Analysis and Partial Epitope Mapping of Human T Cell Responses to Trypanosoma cruzi Cysteinyl Proteinase

3180 In Vivo Tumor Immunotherapy by a Bacterial Superantigen
Atsuo Ochi, Kiyoshi Migita, Jenny Xu, and K. Siminovitch

3187 Resolution of Blood-Stage Malarial Infections in CD8+ Cell-Deficient β2-m Mice
Henri C. van der Heyde, Dean D. Menning, Derry C. Roopenian, and William P. Weidanz

3192 Role of IL-10 on Antigen-Presenting Cell Function for Schistosomal Egg-Specific Monoclonal T Helper Cell Responses in Vitro and in Vivo
Pedro O. Flores Villanueva, Silas M. Chikunguyo, Timothy S. Harris, and Miguel J. Stadecker

Inflammation

3199 Phosphoenolpyruvate and Creatine Phosphate Augment ATP and Magnesium-Dependent, FcεRI-Mediated Activation of Phospholipase C in RBL Cell Ghosts
Stephen C. Dreskin, Donald E. Kuhn, and Yongwei Huang

3206 Reversible Expression of Mouse Mast Cell Protease 2 mRNA and Protein in Cultured Mast Cells Exposed to IL-10
Namit Ghildyal, Daniel S. Friend, Christopher F. Nicodemus, K. Frank Austen, and Richard L. Stevens

3215 Granulocyte-Macrophage Colony-Stimulating Factor, but Not Macrophage Colony-Stimulating Factor, Suppresses Basal and Lipopolysaccharide-Stimulated Complement Factor Production in Human Monocytes
Anne Kirsti Myrvang Høgåsen, Kjetil Hestdal, and Tore G. Abrahamsen

3225 Antibodies Chaperone Circulating IL-6: Paradoxical Effects of Anti-IL-6 “Neutralizing” Antibodies in Vivo
Lester T. May, Ruth Neta, Lyle L. Moldawer, John S. Kenney, Kirit Patel, and Pravin B. Sehgal

3237 Immobilization of Fcε Receptors by Wheat Germ Agglutinin: Receptor Dynamics in IgE-Mediated Signal Transduction
Michael A. McCloskey

3252 L- and E-Selectin Can Recognize the Same Naturally Occurring Ligands on High Endothelial Venules
Reina E. Mebius and Susan R. Watson

3261 Human Mast Cells Produce IL-8
Annelie Möller, Undine Lippert, Dietlinde Lessmann, Gerd Kolde, Katrin Hamann, Pia Welker, Dirk Schadendorf, Thomas Rosenbach, Thomas Luger, and Beate M. Czarnetzki

3267 Activated Platelets Induce Superoxide Anion Release by Monocytes and Neutrophils through P-Selectin (CD62)
Kisaburo Nagata, Tsutomu Tsuji, Naoko Todoroki, Yasuhiro Katagiri, Kenjiro Tawoue, Hiroh Yamazaki, Nobuo Hanai, and Tatsuro Irimura

3274 Neuropeptides Induce Rapid Expression of Endothelial Cell Adhesion Molecules and Elicit Granulocytic Infiltration in Human Skin
Catherine H. Smith, Jonathan N. W. N. Barker, Richard W. Morris, Donald M. MacDonald, and Tak H. Lee

3283 Induction of a Macrophage-Like Nitric Oxide Synthase in Cultured Rat Aortic Endothelial Cells: IL-1β-Mediated Induction Regulated by Tumor Necrosis Factor-α and IFN-γ
Christoph Suschek, Helga Rothe, Karin Fehsel, Jürgen Enzcbonn, and Victoria Kolb-Bachofen
Neutrophil Attractant Protein-I and Monocyte Chemoattractant Protein-I in Human Serum: Effects of Intravenous Lipopolysaccharide on Free Attractants, Specific IgG Autoantibodies and Immune Complexes

Induction of Circulating and Erythrocyte-Bound IL-8 by IL-2 Immunotherapy and Suppression of Its In Vitro Production by IL-1 Receptor Antagonist and Soluble Tumor Necrosis Factor Receptor (p75) Chimera
Herbert Tilg, Leland Shapiro, Michael B. Atkins, Charles A. Dinarello, and James W. Mier

Isolation of Erythrocyte Membrane Inhibitor of Reactive Lysis Type II: Identification as Glycophorin A
Akira Tomita, Ellen L. Radike, and Charles J. Parker

Ligand Specificity of Purified Complement Receptor Type Three (CD11b/CD18, αmβ2, Mac-1): Indirect Effects of an ARG-GLY-ASP (RGD) Sequence

IL-1β and IL-6 Selectively Induce Transforming Growth Factor-β Isoforms in Human Articular Chondrocytes
Peter M. Villiger, Anasua B. Kusari, Peter ten Dijke, and Martis Lotz

Clinical Immunology

Altered Prostaglandin E2 Regulation of Cytokine Production in Atopic Dermatitis
Sai C. Chan, Jin-Wou Kim, William R. Henderson, Jr., and Jon M. Hanifin

In Vitro T Cell Immune Responses to the PreS2 Antigen of the Hepatitis B Virus Envelope Protein in PreS2+S Vaccine Recipients: Absence of Cross-Reactivity of Subtypes at a Major T Cell Recognition Site
Thomas R. Cupps, Janyce Tibbles, William M. Hurri, William J. Miller, Ronald W. Ellis, David Milich, and Noel Wetter

Cytotoxic T Cells in HIV2 Seropositive Gambians: Identification of a Virus-Specific MHC-Restricted Peptide Epitope
Frances Gotch, Stephen N. McAdam, Catherine E. M. Allsopp, Awen Gallimore, John Elvin, Marie-Paul Kieny, Adrian V. S. Hill, Andrew J. McMichael, and Hilton C. Whittle

Synovial Fluid Macrophages and Blood Monocytes Differ in Their Responses to IL-4
Prue H. Hart, Michael J. Ahern, Catherine A. Jones, Kirsten L. Jones, Malcolm D. Smith, and John J. Finlay-Jones

Retina and Retinal Pigment Epithelial Cell Autoantibodies are Produced During Murine Coronavirus Retinopathy
John J. Hooks, Caroline Percopo, Yun Wang, and Barbara Detrick

Generation of a Human Anti-Idiotype Antibody that Mimics the GD2 Antigen
Mansoor N. Saleh, Jamie D. Stapleton, M. B. Khazaeli, and Albert F. LoBuglio

Author Index

Information for Contributors

Submission Form

Membership Form