



This information is current as
of April 21, 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>

Contents

CELLULAR IMMUNOLOGY

- N. Berkowitz and N. S. Braunstein 309 T Cell Responses Specific for Subregions of Allogeneic MHC Molecules
- C. Bougeret, I.-G. Mansur, H. Dastot, M. Schmid, G. Mahouy, A. Bensussan, and L. Boumsell 318 Increased Surface Expression of a Newly Identified 150-kDa Dimer Early after Human T Lymphocyte Activation
- L. M. Bradley, G. G. Atkins, and S. L. Swain 324 Long-Term CD4⁺ Memory T Cells from the Spleen Lack MEL-14, the Lymph Node Homing Receptor
- L. A. Bristol, L. Finch, E. V. Romm, and L. Takács 332 Characterization of a Novel Rat Thymocyte Costimulating Antigen by the Monoclonal Antibody 1.3
- M. Brown, M. Stenzel-Poore, S. Stevens, S. K. Kondoleon, J. Ng, H. P. Bächinger, and M. B. Rittenberg 339 Immunologic Memory to Phosphocholine Keyhole Limpet Hemocyanin: Recurrent Mutations in the $\lambda 1$ Light Chain Increase Affinity for Antigen
- B. D. Evavold, S. G. Williams, B. L. Hsu, S. Buus, and P. M. Allen 347 Complete Dissection of the Hb(64-76) Determinant using T Helper 1, T Helper 2 Clones, and T Cell Hybridomas
- E. H. Field and G. C. Becker 354 Blocking of Mixed Lymphocyte Reaction by Spleen Cells from Total Lymphoid-Irradiated Mice Involves Interruption of the IL-2 Pathway
- T. Ishigami, K.-M. Kim, Y. Horiguchi, Y. Higaki, D. Hata, T. Heike, K. Katamura, M. Mayumi, and H. Mikawa 360 Anti-IgM Antibody-Induced Cell Death in a Human B Lymphoma Cell Line, B104, Represents a Novel Programmed Cell Death
- B. Nag, D. Passmore, S. V. Deshpande, and B. R. Clark 369 In Vitro Maximum Binding of Antigenic Peptides to Murine MHC Class II Molecules Does not Always Take Place at the Acidic pH of the in Vivo Endosomal Compartment
- V. Palathumpat, S. Dejbakhsh-Jones, B. Holm, H. Wang, O. Liang, and S. Strober 373 Studies of CD4⁻ CD8⁻ $\alpha\beta$ Bone Marrow T Cells with Suppressor Activity
- T. J. Schall, R. E. O'Hehir, D. V. Goeddel, and J. R. Lamb 381 Uncoupling of Cytokine mRNA Expression and Protein Secretion during the Induction Phase of T Cell Anergy
- Y. Torimoto, D. M. Rothstein, N. H. Dang, S. F. Schlossman, and C. Morimoto 388 CD31, a Novel Cell Surface Marker for CD4 Cells of Suppressor Lineage, Unaltered by State of Activation
- S. Tuttosi and P. A. Bretscher 397 Antigen-Specific CD8⁺ T Cells Switch the Immune Response Induced by Antigen from an IgG to a Cell-Mediated Mode
- L. Vernino, L. M. McAnally, J. Ramberg, and P. E. Lipsky 404 Generation of Nondividing High Rate Ig-Secreting Plasma Cells in Cultures of Human B Cells Stimulated with Anti-CD3-Activated T Cells

CLINICAL IMMUNOLOGY • IMMUNOPATHOLOGY

- M. Blumenthal, D. Marcus-Bagley, Z. Awdeh, B. Johnson, E. J. Yunis, and C. A. Alper 411 HLA-DR2, [HLA-B7, SC31, DR2], and [HLA-B8, SCO1, DR3] Haplotypes Distinguish Subjects with Asthma from Those with Rhinitis only in Ragweed Pollen Allergy
- W. E. Fibbe, M. S. Hamilton, L. L. Laterveer, R. E. Kibbelaar, J. H. F. Falkenburg, J. W. M. Visser, and R. Willemze 417 Sustained Engraftment of Mice Transplanted with IL-1-Primed Blood-Derived Stem Cells
- H. E. Gendelman, L. M. Baca, C. A. Kubrak, P. Genis, S. Burrous, R. M. Friedman, D. Jacobs, and M. S. Meltzer 422 Induction of IFN- α in Peripheral Blood Mononuclear Cells by HIV-Infected Monocytes: Restricted Antiviral Activity of the HIV-Induced IFN
- T. Katagiri, S. Azuma, Y. Toyoda, S. Mori, K. Kano, P. L. Cohen, and R. A. Eisenberg 430 Tetraparental Mice Reveal Complex Cellular Interactions of the Mutant, Autoimmunity-Inducing *lpr* Gene

Continued on page 5

- B. Texier, C. Bedin, C. Roubaty, C. Brezin, and J. Charreire 439 Protection from Experimental Autoimmune Thyroiditis Conferred by a Monoclonal Antibody to T Cell Receptor from a Cytotoxic Hybridoma Specific for Thyroglobulin
- N. Tuailleon, C. Andre, J.-P. Briand, E. Penner, and S. Muller 445 A Lipoyl Synthetic Octadecapeptide of Dihydrolipoamide Acetyltransferase Specifically Recognized by Anti-M2 Autoantibodies in Primary Biliary Cirrhosis

CYTOKINES • MEDIATORS • REGULATORY MOLECULES

- Q. C. Cheng, J. H. Han, H. G. Thomas, E. Balentien, and A. Richmond 451 Melanoma Growth Stimulatory Activity Receptor Consists of Two Proteins: Ligand Binding Results in Enhanced Tyrosine Phosphorylation
- R. B. Goodman, R. G. Wood, T. R. Martin, O. Hanson-Painton, and G. T. Kinasewitz 457 Cytokine-Stimulated Human Mesothelial Cells Produce Chemotactic Activity for Neutrophils Including NAP-1/IL-8
- M. Lotz, R. Terkeltaub, and P. M. Villiger 466 Cartilage and Joint Inflammation: Regulation of IL-8 Expression by Human Articular Chondrocytes
- L. A. J. O'Neill, T. Ikebe, S. J. Sarsfield, and J. Saklatvala 474 The Binding Subunit of Pertussis Toxin Inhibits IL-1 Induction of IL-2 and Prostaglandin Production
- J. D. Sipe, L. M. Bartle, and L. D. Loose 480 Modification of Proinflammatory Cytokine Production by the Antirheumatic Agents Tenidap and Naproxen: A Possible Correlate with Clinical Acute Phase Response
- S. M. Wahl, J. B. Allen, G. R. Welch, and H. L. Wong 485 Transforming Growth Factor- β in Synovial Fluids Modulates Fc γ RIII (CD16) Expression on Mononuclear Phagocytes
- X. Xia, L. Li, and Y. S. Cho 491 Human Recombinant IL-3 is a Growth Factor for Normal B Cells

IMMUNOCHEMISTRY

- M. H. Holguin, C. B. Martin, N. J. Bernshaw, and C. J. Parker 498 Analysis of the Effects of Activation of the Alternative Pathway of Complement on Erythrocytes with an Isolated Deficiency of Decay Accelerating Factor
- T. B. Lavoie, W. N. Drohan, and S. J. Smith-Gill 503 Experimental Analysis by Site-Directed Mutagenesis of Somatic Mutation Effects on Affinity and Fine Specificity in Antibodies Specific for Lysozyme

IMMUNOPHARMACOLOGY

- D. L. Bratton, E. Dreyer, J. M. Kailey, V. A. Fadok, K. L. Clay, and P. M. Henson 514 The Mechanism of Internalization of Platelet-Activating Factor in Activated Human Neutrophils: Enhanced Transbilayer Movement Across the Plasma Membrane
- M. M. Hamawy, C. Oliver, and R. P. Siraganian 524 Inhibition of IgE Binding to RBL-2H3 Cells by a Monoclonal Antibody (BD6) to a Surface Protein Other Than the High Affinity IgE Receptor
- M. N. Marra, C. G. Wilde, M. S. Collins, J. L. Snable, M. B. Thornton, and R. W. Scott 532 The Role of Bactericidal/Permeability-Increasing Protein as a Natural Inhibitor of Bacterial Endotoxin
- Y. Ohmori and T. A. Hamilton 538 Ca²⁺ and Calmodulin Selectively Regulate Lipopolysaccharide-Inducible Cytokine mRNA Expression in Murine Peritoneal Macrophages
- A. Tingström, C. Reuterdaahl, P. Lindahl, C.-H. Heldin, and K. Rubin 546 Expression of Platelet-Derived Growth Factor β -Receptors on Human Fibroblasts: Regulation by Recombinant Platelet-Derived Growth Factor-BB, IL-1, and Tumor Necrosis Factor- α

MICROBIAL IMMUNOLOGY

- M. L. Brown, P. E. Fields, and R. J. Kurlander 555 Metabolic Requirements for Macrophage Presentation of *Listeria monocytogenes* to Immune CD8 Cells

Continued from page 5

- D. A. Harn, W. Gu, L. D. Oligino, M. Mitsuyama, A. Gebremichael, and D. Richter 562 A Protective Monoclonal Antibody Specifically Recognizes and Alters the Catalytic Activity of Schistosome Triose-Phosphate Isomerase
- J. A. M. Langermans, M. E. B. Van Der Hulst, P. H. Nibbering, P. S. Hiemstra, L. Franzen, and R. Van Furth 568 IFN- γ -Induced L-Arginine-Dependent Toxoplasmastatic Activity in Murine Peritoneal Macrophages Is Mediated by Endogenous Tumor Necrosis Factor- α
- K. Pfeffer, B. Schoel, N. Plesnila, G. B. Lipford, S. Kromer, K. Deusch, and H. Wagner 575 A Lectin-Binding, Protease-Resistant Mycobacterial Ligand Specifically Activates V γ 9⁺ Human $\lambda\delta$ T Cells
- Y. Yamamoto, T. W. Klein, C. Newton, and H. Friedman 584 Differing Macrophage and Lymphocyte Roles in Resistance to *Legionella pneumophila* Infection

MOLECULAR BIOLOGY • MOLECULAR GENETICS

- P. L. Bergsagel, C. Victor-Kobrin, C. R. Timblin, J. Trepel, and W. M. Kuehl 590 A Murine cDNA Encodes a Pan-Epithelial Glycoprotein that Is also Expressed on Plasma Cells
- C. A. Dahl, R. P. Schall, H. He, and J. S. Cairns 597 Identification of a Novel Gene Expressed in Activated Natural Killer Cells and T Cells
- J. J. Goronzy, U. Oppitz, and C. M. Weyand 604 Clonal Heterogeneity of Superantigen Reactivity in Human V β 6⁺ T Cell Clones: Limited Contributions of V β Sequence Polymorphisms
- J. Madrenas, F. Pazderka, N. A. Parfrey, and P. F. Halloran 612 Thymus-Independent Expression of a Truncated T Cell Receptor- α mRNA in Murine Kidney
- R. M. Torres and E. A. Clark 620 Differential Increase of an Alternatively Polyadenylated mRNA Species of Murine CD40 upon B Lymphocyte Activation
- M.-J. Truong, V. Gruart, A. Capron, M. Capron, and B. Tourvielle 627 Cloning and Expression of a cDNA Encoding a Non-Classical MHC Class I Antigen (HLA-E) in Eosinophils from Hypereosinophilic Patients
- L.-M. Yu and T. W. Chang 633 Human *mb-1* Gene: Complete cDNA Sequence and its Expression in B Cells Bearing Membrane Ig of Various Isotypes

TUMOR IMMUNOLOGY

- Y. Kawakami, R. Zakut, S. L. Topalian, H. Stötter, and S. A. Rosenberg 638 Shared Human Melanoma Antigens: Recognition by Tumor-Infiltrating Lymphocytes in HLA-A2.1-Transfected Melanomas
- M. Miyazawa, J. Nishio, K. Wehrly, and B. Chesebro 644 Influence of MHC Genes on Spontaneous Recovery from Friend Retrovirus-Induced Leukemia
- J.-P. Zou, J. Shimizu, K. Ikegame, N. Yamamoto, S. Ono, H. Fujiwara, and T. Hamaoka 648 Tumor-Bearing Mice Exhibit a Progressive Increase in Tumor Antigen-Presenting Cell Function and a Reciprocal Decrease in Tumor Antigen-Responsive CD4⁺ T Cell Activity
- Announcement 656
- Author Index i