This information is current as of January 20, 2018.

Why The JI?

- **Rapid Reviews! 30 days*** from submission to initial decision
- **No Triage!** Every submission reviewed by practicing scientists
- **Speedy 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

A. W. Yem and M. J. Parmely 2245 Modulation of La-Like Antigen Expression and Antigen-Presenting Activity of Human Monocytes by Endotoxin and Zymosan A

P. W. Kincade, G. Lee, T. Watanabe, L. Sun, and M. P. Scheid 2262 Antigens Displayed on Murine B Lymphocyte Precursors

E. Gomard, J. Wybier-Franqui, M. C. Simmer, I. F. C. McKenzie, and J. P. Levy 2291 Accessory Cells in the in Vitro Generation of Type C Virus-Specific T Killer Lymphocytes. II. Demonstration of a T Helper Cell in the Spleen of in Vivo Primed Mice

M. C. Woan and D. D. McGregor 2319 T Cell-Mediated Cytotoxicity Induced by Listeria monocytogenes. I. Activation of Listeria Antigen-Responsive T Cells

M. C. Woan, D. D. McGregor, and U. Forsum 2325 T Cell-Mediated Cytotoxicity Induced by Listeria monocytogenes. II. Specificity of Cytolytic Effector Cells

M. C. Woan, D. D. McGregor, and I. Goldschneider 2330 T Cell-Mediated Cytotoxicity Induced by Listeria monocytogenes. III. Phenotypic Characteristics of Mediator T Cells


J. H. Finke, S. D. Sharma, and J. W. Scott 2354 Generation of Alloreactive Cytotoxic T Lymphocytes: Production of T Cell and Mφ Helper Factors in Addition to IL 1 and IL 2 by Peritoneal Cells from Mice Immunized to Listeria monocytogenes


M. Kaartinen, A. M. Ferreira, M. Hurme, and O. Makela 2371 Fine-Specificity of the Immune Response to Oxazolones. II. Cytolytic T Cells

A. Baccaglupa, M. Podesta, F. Frassoni, A. Marmont, M. Risso, and G. Corte 2415 A Monoclonal Antibody to Antigens Expressed on MLR-Activated T Cells Inhibits Granulocyte Macrophage Colony Formation


J. Bruce, F. W. Symington, T. J. McKearn, and J. Sprent 2496 A Monoclonal Antibody Discriminating between Subsets of T and B Cells

H. Jonouchi, P. W. Kincade, and R. A. Good 2502 Immunosuppression of Marrow B Lymphocytes by Administration of Corynebacterium parvum in Mice

A. Knyszynski and H. Fischer 2508 Circadian Fluctuations in the Activity of Phagocytic Cells in Blood, Spleen and Peritoneal Cavity of Mice as Measured by Zymosan-Induced Chemiluminescence

B. A. Peri and R. M. Rothberg 2520 Specific Suppression of Antibody Production in Young Rabbit Kits after Maternal Ingestion of Bovine Serum Albumin

E. L. Morgan, M. L. Thoman, and W. O. Weigle 2526 Enhancement of T Lymphocyte Functions by Fc Fragments of Immunoglobulin. II. Augmentation of the Cell-Mediated Lympholysis Response Occurs Through an Lyt-1+2- Helper T Cell

C. Raffel and S. Sell 2530 Individual Rabbit Peripheral Blood Lymphocytes Reactive to Anti-immunoglobulin and Phytchemagglutinin or Concanavalin A identified by Immunoelectronmicroscopic Demonstration of Endocytosis

W. van Ewijk, P. L. van Soest, and G. J. van den Engh 2594 Fluorescence Analysis and Anatomic Distribution of Mouse T Lymphocyte Subsets Defined by Monoclonal Antibodies to the Antigens Thy-1, Lyt-1, Lyt-2, and T-200

CLINICAL IMMUNOLOGY

T. M. Ellis, H. M. Lee, and T. Mohanakumar 2199 Alterations in Human Regulatory T Lymphocyte Subpopulations after Renal Allografting


Published monthly by The Williams & Wilkins Co., 429 E. Preston St., Baltimore, Md. 21202, U.S.A.

Subscription price $125.00 individuals, $145.00 institutions, single issue $12.00

Second class postage paid at Baltimore, Md. 21202 and at additional mailing offices.

Continued on page 4
Continued from page 3

P. J. José, M. J. Forrest, and T. J. Williams 2376 Human C5a des Arg Increases Vascular Permeability
J. R. Ortaldo, S. O. Sharrow, T. Timonen, and R. B. Herberman 2401 Determination of Surface Antigens on Highly Purified Human NK Cells by Flow Cytometry with Monoclonal Antibodies
D. W. MacGlashan, Jr. and L. M. Lichtenstein 2460 The Transition from Specific to Nonspecific Desensitization in Human Basophils
R. S. Accolla, A. Moretta, and J.-C. Cerottini 2438 Allogeneic Mixed Lymphocyte Reactions in Humans: Pretreatment of Either the Stimulator or the Responder Cell Population with Monoclonal Anti-Ia Antibodies Leads to an Inhibition of Cell Proliferation
C. A. Dinarello, L. J. Rosenwasser, and S. M. Wolff 2517 Demonstration of a Circulating Suppressor Factor of Thymocyte Proliferation during Endotoxin Fever in Humans
K. James, B. Hansen, and H. Gewurz 2539 Binding of C-reactive Protein to Human Lymphocytes. I. Requirement for a Binding Specificity
K. James, B. Hansen, and H. Gewurz 2545 Binding of C-reactive Protein to Human Lymphocytes. II. Interaction with a Subset of Cells Bearing the Fc Receptor
R. Yarchoan, B. R. Murphy, W. Strober, H. S. Schneider, and D. L. Nelson 2588 Specific Anti-Influenza Virus Antibody Production in Vitro by Human Peripheral Blood Mononuclear Cells
S. P. James, G. G. Yenokida, A. S. Graeff, C. O. Elson, and W. Strober 2605 Immunoregulatory Function of T Cells Activated in the Autologous Mixed Lymphocyte Reaction

IMMUNOCHEMISTRY

A. P. Dalmasso and B. A. Benson 2214 Lesions of Different Functional Size Produced by Human and Guinea Pig Complement in Sheep Red Cell Membranes
S.-T. Ju and M. E. Dorf 2224 Cross-Induction of Predominant NP\(^6\) Idiotypic Antibodies with Derivatives of (4-Hydroxy-3-Nitrophenyl) Acetyl
M. B. Frank, J. Watson, D. Mochizuki, and S. Gillis 2361 Biochemical and Biolog Characterization of Lymphocyte Regulatory Molecules. VIII. Purification of Interleukin 2 from a Human T Cell Leukemia
G. Corradin, R. H. Zubler, and H. D. Engers 2442 Clonal Analysis of the BALB/c T Cell Proliferative Response to APO Beef Cytochrome c
R. C. Siegel, V. N. Schumaker, and P. H. Poon 2447 Stoichiometry and Sedimentation Properties of the Complex Formed between the C1q and C1r\(_2\)C1s Subcomponents of the First Component of Complement
A. Bhattacharya, M. E. Dorf, and T. A. Springer 2488 A Shared Allantigenic Determinant on Ia Antigens Encoded by the I-A and I-E Subregions: Evidence for I Region Gene Duplication
T. J. Lukas, H. Muñoz, and B. W. Erickson 2555 Inhibition of C1-Mediated Immune Hemolysis by Monomeric and Dimeric Peptides from the Second Constant Domain of Human Immunoglobulin G
O. A. Batuman, R. R. Schmidt, and S. P. Hauptman 2560 Macromolecular Insoluble Cold Globulin (MICG): A Marker for Embryonic Prothymocytes in the Mouse
J. M. McCune and S. M. Fu 2609 Ig Biosynthesis in a Human Pre-B Cell Line

IMMUNOBIOCHEMISTRY

T. H. Hansen, W. D. Walsh, K. Ozato, J. S. Arn, and D. H. Sachs 2228 Ia Specificities on Parental and Hybrid Cells of an I-A Mutant Mouse Strain
W. E. Biddison, G. M. Shearer, and S. Shaw 2231 Influenza Virus-Specific Cytotoxic T Cells Are Restricted by Multiple HLA-A3-Related Self Antigens: Evidence for Recognition of Distinct Self Structures in Conjunction with Different Foreign Antigens
W. E. Biddison, G. M. Shearer, and T. W. Chang 2236 Regulation of Influenza Virus-Specific Cytotoxic T Cell Responses by Monoclonal Antibody to a Human T Cell Differentiation Antigen

Continued on page 5
Continued from page 4

G. B. Ahmann, P. I. Nadler, A. Birnkrant, and R. J. Hodes  2308
P. Gros, E. Skamene, and A. Forget  2417
M. Muto, T. Sado, S. Aizawa, H. Kamisaku, and E. Kubo  2421
S. Aizawa, T. Sado, M. Muto, and E. Kubo  2426
J. A. Berzofsky, D. S. Pisetsky, D. J. Killion, G. Hicks, and D. H. Sachs  2453
G. A. Do8 Reis and E. M. Shevach  251  2
M. E. Shapiro, S. J. Burakoff, B. Benacerraf, and R. W. Finberg  2571

IMMUNOPATHOLOGY

T. G. Cotter, P. J. Keeling, and P. M. Hensh  2241
C. M. Fischman, M. C. Udey, M. Kurtz, and H. J. Wedner  2257
E. H. van Elven, F. M. van der Veen, A. G. Rolink, P. Issa, T. M. Duin, and E. Gleichmann  2435
N. F. Pierce and W. C. Cray, Jr.  2461
M. J. Dauphine, S. B. Kipper, D. Wofey, and N. Talal  2483
M. Rola-Pleszczynski, S. Massé, P. Sirois, I. Lemaire, and R. Beçgin  2535
M. S. O’Dorisio, S. N. Hervina, T. M. O’Dorisio, and S. P. Balcerzak  2551

MICROBIAL IMMUNOLOGY

H. D. Engers, J. A. Louis, R. H. Zubler, and B. Hirt  2280
E. A. Ojo-Amaize, L. S. Salimonu, A. I. O. Williams, O. A. Akinwolere, R. Shabo, G. V. Alm, and H. Wizell  2296
R. E. Rocklin, J. W. Tracy, and A. El Kholy  2314
N. L. Letvin, R. S. Kaufman, and R. Finberg  2334
Y. Charoenvit, G. H. Campbell, and S. Tokuda  2350
C. A. Nacy, M. S. Meltzer, E. J., Leonard, and D. J. Wyler  2381

T Cell Recognition in the Mixed Lymphocyte Response. II. Ia-Positive Splenic Adherent Cells Are Required for Non-I Region-Induced Stimulation
Genetic Control of Natural Resistance to Mycobacterium bovis (BCG) in Mice
Bone Marrow Transplantation across the Major Histocompatibility Barrier in Specific-Pathogen-Free Mice: Effects of Intact versus T Cell-Depleted Bone Marrow on the Expression of Anti-Host Reaction in the Recipient Spleens
Immunology of Fully H-2 Incompatible Bone Marrow Chimeras Induced in Specific-Pathogen-Free Mice: Evidence for Generation of Donor- and Host-H-2 Restricted Helper and Cytotoxic T Cells
Ir Genes of Different High Responder Haplotypes for Staphylococcal Nuclease Are Not Allelic
The Syngeneic Mixed Leukocyte Reaction Represents Polyclonal Activation of Antigen-Specific T Lymphocytes with Receptors for Self-Ia Antigens
Genetic Control of B Cell Function. II. Antibody Responses of Inbred Mice to Red Blood Cells Are Controlled at the B Cell Level
Ir Gene Control of the Cytotoxic T Lymphocyte Response to Sendai Virus: H-2k Mice Are Low Responders to Sendai

A Monoclonal Antibody-Inhibiting FMLP-Induced Chemotaxis of Human Neutrophils
Inhibition of Lectin-Induced Lymphocyte Activation by 2-Cyclohexene-1-one: Decreased Intracellular Glutathione Inhibits an Early Event in the Activation Sequence
Autoimmunity Induced by Type II Collagen-Coupled Spleen Cells
Diseases Caused by Reactions of T Lymphocytes to Incompatible Structures of the Major Histocompatibility Complex. V. High Titers of IgG Autoantibodies to Double-Stranded DNA
Cellular Dissemination of Priming for a Mucosal Immune Response to Cholera Toxin in Rats
Interleukin 2 Deficiency Is a Common Feature of Autoimmune Mice
Early Effects of Low-Dose Exposure to Asbestos on Local Cellular Immune Responses in the Lung
Vasoactive Intestinal Polypeptide Modulation of Lymphocyte Adenylate Cyclase

Inhibition of T Cell-Mediated Functions by MVM(i), A Parvovirus Closely Related to Minute Virus of Mice
Positive Correlation Between Degree of Parasitemia, Interferon Titers, and Natural Killer Cell Activity in Plasmodium falciparum-Infected Children
Activation of Antigen-Specific Suppressor Cells in Human Schistosomiasis mansoni by Fractions of Soluble Egg Antigens Nonadherent to Con A Sepharose
T Lymphocyte Immunity to Reovirus: Cellular Requirements for Generation and Role in Clearance of Primary Infections
Suppression of Parasite Antigen-Specific Lymphoid Blastogenesis in African Trypanosomiasis
Intracellular Replication and Lymphokine-induced Destruction of Leishmania tropica

Continued on page 6
Continued from page 5


P. A. Scott and J. P. Farrell

J. N. Ihle, J. C. Lee, and L. Rebar

2386 The Role of C9 in Complement-Mediated Killing of Neisseria

2395 Experimental Cutaneous Leishmaniasis. I. Nonspecific Immunodepression in BALB/c Mice Infected with Leishmania tropica

2565 T Cell Recognition of Moloney Leukemia Virus Proteins. III. T Cell Proliferative Responses against GP70 Are Associated with the Production of a Lymphokine Inducing 20 α-Hydroxysteroid Dehydrogenase in Splenic Lymphocytes

TUMOR IMMUNOLOGY

C. W. Reynolds, S. O. Sharrow, J. R. Ortaldo, and R. B. Herberman

S. Kyoizumi, R. Kannagi, and T. Masuda

S.-K. Oh and F. L. Moolten

W. L. Farrar, K. D. Elgart, and A. S.-Y. Foo

E. A. Clark, D. Engel, and N. T. Windsor

D. G. Kilburn, F. O. Talbot, and J. G. Levy

M. Linker-Israeli, R. J. Billing, K. A. Foon, and P. I. Terasaki


J. M. Zarling, K. A. Clouse, W. E. Biddison, and P. C. Kung

B. K. Seon, S. Negoro, J. Minowada, and K. Yoshizaki

2204 Natural Killer Activity in the Rat. II. Analysis of Surface Antigens on LGL by Flow Cytometry

2252 Membrane Expression of Fc-Receptors in Cultured Leukemic Cell Lines. I. Induction of Fc-Receptor in Undifferentiated Types of Cells after Passive Modulation of Lipid Viscosity

2300 Nonspecific Immunosuppressive Factors in Malignant Ascites: Further Characterization and Possible Relationship to Erythrocyte Receptors of Human Peripheral T Cells

2339 Suppressor Cell Activity in Tumor-Bearing Mice. III. Co-purification of a Factor Inhibiting Cellular DNA Synthesis and DNA Polymerase Activity

2386 Immune Responsiveness of SM/J Mice: Hyper NK Cell Activity Mediated by NK 1+ Qa 5− Cells

2465 Characteristics of an Antigen-Specific Helper Factor That Enhances the in Vitro Generation of Cytotoxic Cells Directed against a Syngeneic Tumor

2473 Monoclonal Antibodies Reactive with Acute Myelogenous Leukemia Cells

2477 The Specificity of Rat Natural Killer Cells and Cytotoxic Macrophages on Solid Tumor-Derived Target Cells and Selected Variants

2575 Phenotypes of Human Natural Killer Cell Populations Detected with Monoclonal Antibodies

2580 Human T Cell Leukemia Antigens on the Cell Membranes: Purification, Molecular Characterization, and Preparation of Specific Antisera

COMMUNICATIONS

M. Endoh, H. Sakai, Y. Nomoto, Y. Tomino, and H. Kaneshige

C. A. Sunderland, C. W. G. Redman, and G. M. Stirrat

M. L. Harrison and C. L. Villemez

J. Seeley, K. Sakamoto, S. H. Ip, P. W. Hansen, and D. T. Purtillo

2612 IgA-Specific Helper Activity of Ta Cells in Human Peripheral Blood

2614 HLA A, B, C Antigens Are Expressed on Nonvillus Trophoblast of the Early Human Placenta

2616 Protein Glycosylation is Required for the Proliferation of Mitogen-Activated Lymphocytes

2618 Abnormal Lymphocyte Subsets in X-Linked Lymphoproliferative Syndrome

LETTER TO THE EDITOR

J. F. Delfraissy and P. Galanaud

Announcements

Author Index

Ad Hoc Reviewers

Author Index to Volume 127

Subject Index to Volume 127