This information is current as of July 27, 2017.

**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

B. Leshem and D. Naor 401 Studies on the Immune Response to Fixed Antigens. III. Induction of Helper Function for Antibody-Dependent Cellular Cytotoxicity Responses
L. Räisänen, E. Karhumäki, and H. Arvilommi 418 Bacteria Induce Lymphokine Synthesis Polyclonally in Human B Lymphocytes
P. A. Cazenave, D. Juy, and C. Bona 444 Ontogeny of Lymphocyte Functions during Embryonic Life of the Rabbit
R. Fritsche and H. L. Spiegelberg 471 Fc Receptors for IgE on Normal Rat Lymphocytes
V. J. Merluzzi, E. M. Levy, V. Kuman, M. Bennett, and S. R. Cooperband 505 In Vitro Activation of Suppressor Cells from Spleens of Mice Treated with Radioactive Strontium
R. L. Whisler and J. D. Stobo 539 Suppression of Humoral and Delayed Hypersensitivity Responses by Distinct T Cell Subpopulations
M. K. Hoffmann 619 Serum from LPS Non-responder C3H/HeJ Mice Does Not Support the Formation of Functional EAC Reagents
W. T. Weber and J. E. Alexander 653 The Potential of Bursa-Immigrated Hematopoietic Precursor Cells to Differentiate to Functional B and T Cells
G. R. Klimpel and C. S. Henney 749 A Comparison of the Effects of T and Macrophage-Like Suppressor Cells on Memory Cell Differentiation in Vitro
L. Polak and C. Rinck 762 Persistent Activity of Suppressor Cells in T Cell-Mediated Immune Response
M. C. Mingari, L. Moretta, A. Mor etta, M. Ferrarini, and J. L. Preud'homme 767 Fc-Receptors for IgG and IgM Immunoglobulins on Human T Lymphocytes: Mode of Re-expression after Proteolysis or Interaction with Immune Complexes

CLINICAL IMMUNOLOGY

K. Hammerton, D. A. Cooper, M. Duckett, and R. Penny 409 Biosynthesis of Immunoglobulin in Human Immunoproliferative Diseases. I. Kinetics of Synthesis and Secretion of Immunoglobulin and Protein by Bone Marrow Cells in Myeloma
B. F. Haynes and A. S. Fauci 559 Activation of Human B Lymphocytes. X. Heterogeneity of Concanavalin A-Generated Suppressor Cells of the Pokeweed Mitogen-Induced Plaque-Forming Cell Response of Human Peripheral Blood Lymphocytes
R. J. Marder, F. X. Burch, F. R. Schmid, C. R. Zeiss, and H. Gewurz 613 Low Molecular Weight C1q-Precipitins in Hypocomplementemic Vasculitis-Urticaria Syndrome: Partial Purification and Characterization as Immunoglobulin
J. B. Smith, R. P. Knowlton, and S. S. Agarwal 691 Human Lymphocyte Responses are Enhanced by Culture at 40°C
D. M. Callewaert, D. F. Johnson, and J. Kearney 710 Spontaneous Cytotoxicity of Cultured Human Cell Lines Mediated by Normal Peripheral Blood Lymphocytes. III. Kinetic Parameters
C. Fournier and J. Charreire 771 Activation of a Human T Cell Subpopulation Bearing Receptors for Autologous Erythrocytes by Concanavalin A

IMMUNOCHEMISTRY

E. W. Ades, A. Bukacek, R. K. Zwerner, P. A. Dougherty, and C. M. Balch
D. D. Tsay and M. Schlamowitz
C. Isersky, J. D. Taurog, G. Poy, and H. Metzger
C. Woofsy, B. Goldstein, and M. Dembo
C. L. Anderson and H. M. Grey
W. D. Linscott, R. Ranken, and R. P. Triglia
M. Joskowicz, C. Rabourdin-Combe, C. Neauport-Sautes, and W. H. Fridman

484 The C5b-6 Complex: Reaction with C7, C8, C9
513 Expression of Two Differentiation Antigens on Normal and Cultured Human T Cells
520 Binding of IgG and Papain-Derived Fragments to Fc Receptors of the Fetal Rabbit Yolk Sac Membrane
549 Triggering of Cultured Neoplastic Mast Cells by Antibodies to the Receptors for IgE
566 Subclass Restriction of Murine Anti-carbohydrate Antibodies

Cytotoxic T Lymphocytes to Murine Plasmacytoma Cells in Allogeneic and Syngeneic Mice: H-2 Antigens Are Essential in the Induction and Effector Stages of CTL
Allogeneic Restriction of Acquired Antimicrobial Resistance in the Rat
Allogeneic Restriction of the Delayed Inflammatory Reaction in the Rat
Genetic Polymorphism of Murine C3 Controlled by a Single Co-dominant Locus on Chromosome 17
Serologic and Immunochemical Characterization of HLA-A9 Xenoantisera

Antigen-Specific T Cell-Mediated Suppression. II. In Vitro Induction by I-J Coded L-Glutamic AcidS°-L-TyrosineS° (GT)-Specific T Cell Suppressor Factor (GT-TsF) of Suppressor T Cells (Ts2) Bearing Distinct I-J Determinants
Antigen-Specific T Cell-Mediated Suppression. III. Induction of Antigen-Specific Suppressor T Cells (Ts2) in L-Glutamic AcidS°-L-AlanineS°-L-TyrosineS° (GAT) Responder Mice by Nonresponder-Derived GAT-Suppressor Factor (GAT-TsF)
Sharing of la Antigens between Species. II. Molecular Localization of Shared la Determinants Implies the Existence of More Than One I Sublocus of the Rat MHC
Mechanism of Allosuppression: Evidence for Direct Suppression of Responding B Cells

Characterization and Genetic Control of the Immune Response to Synthetic Polypeptide Antigens of Defined Geometry

Sulfated Glycosaminoglycans of Guinea Pig Basophilic Leukocytes
Definition and Synthesis of the Essential Amino Acid Sequence for Experimental Allergic Encephalomyelitis in Lewis Rats
A model for the Autosensitization Autoantibody Production Associated with Xenogeneic Thymic RNA

Participation of the Humoral Immune System in the Myeloma-Specific Transplantation Resistance
Continued from page 3

L. P. Ruco, M. S. Meltzer, and D. L. Rosenstreich 543 Macrophage Activation for Tumor Cytotoxicity: Control of Macrophage Tumoricidal Capacity by the LPS Gene
G. M. Shaw, P. C. Levy, and A. F. LoBuglio 573 Human Monocyte Cytotoxicity to Tumor Cells. I. Antibody-Dependent Cytotoxicity
C. J. Paige, P. W. Kincade, and P. Ralph 641 Murine B Cell Leukemia Line with Inducible Surface Immunoglobulin Expression
S. Landolfi, R. B. Herberman, and H. T. Holden 695 Macrophage-Lymphocyte Interaction in Migration Inhibition Factor (MIF) Production against Soluble or Cellular Tumor-Associated Antigens. I. Characteristics and Genetic Control of Two-Different Mechanisms of Stimulating MIF Production

VIRAL AND MICROBIAL IMMUNOLOGY

D. K. Kelsey, J. C. Overall, Jr., and L. A. Glasgow 464 Correlation of the Suppression of Mitogen Responsiveness and the Mixed Lymphocyte Reaction with the Proliferative Response to Viral Antigen of Splenic Lymphocytes from Cytomegalovirus-Infected Mice
D. Santoli, G. Trinchieri, and F. S. Lief 526 Cell-Mediated Cytotoxicity against Virus-Infected Target Cells in Humans. I. Characterization of the Effector Lymphocyte
D. Santoli, G. Trinchieri, and H. Koprowski 532 Cell-Mediated Cytotoxicity against Virus-Infected Target Cells in Humans. II. Interferon Induction and Activation of Natural Killer Cells
A. N. Jayawardena, B. H. Waksman, and D. D. Eardley 622 Activation of Distinct Helper and Suppressor T Cells in Experimental Trypanosomiasis
F. I. Weinbaum, J. Weintraub, F. K. Nkrumah, C. B. Evans, R. E. Tigerlaar, and Y. J. Rosenberg 629 Immunity of Plasmodium berghei yoelii in Mice. II. Specific and Nonspecific Cellular and Humoral Responses during the Course of Infection
S. P. McTaggart, W. H. Burns, D. O. White, and D. C. Jackson 726 Fc Receptors Induced by Herpes Simplex Virus. I. Biologic and Biochemical Properties
R. M. Zinkernagel, A. Althage, and J. Holland 744 Target Antigens for H-2 Restricted Vesicular Stomatitis Virus-Specific Cytotoxic T Cells
B. Harfast, T. Andersson, and P. Periman 755 Immunoglobulin-Independent Natural Cytotoxicity of Fc-Receptor-Bearing Human Blood Lymphocytes to Mumps Virus-Infected Target Cells

Erratum 790
Author Index 791