114 (2 Part 2)

*J Immunol* 1975; 114:717-913; ;
http://www.jimmunol.org/content/114/2_Part_2.citation

This information is current as of June 6, 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

---

*The Journal of Immunology* is published twice each month by
The American Association of Immunologists, Inc.,
1451 Rockville Pike, Suite 650, Rockville, MD 20852
All rights reserved.
Print ISSN: 0022-1767 Online ISSN: 1550-6606.
THE JOURNAL OF IMMUNOLOGY®

Contents for February

CELLULAR IMMUNOLOGY

Transformation Antigens on Stimulated Lymphocytes. AYRM Z. BLUMING, MICHAEL J. LYNCH, MAUREEN KAVANAH, AND RAMAN KUBBA. ..................................................................................... 717

Suppression of Immune Responses in Vivo by Bacterial Lipopolysaccharide. MICHAEL K. HOFFMANN, OPRA WEISS, SCOTT KOENIG, JOHN A. HERST, AND HERBERT F. OETTGEN. ............................................................... 738

Synergistic Effects on DNA Synthesis of Phytohemagglutinin or Concanavalin A and Lipopolysaccharide in Human Peripheral Blood Lymphocytes. JON A. SCHMIDTKE AND JOHN S. NAJABIAN. ........................................................................................................ 742

Functional Heterogeneity among the T-Derived Lymphocytes of the Mouse. II. Sensitivity of Subpopulations to Anti-Thymocyte Serum. BARBARA A. ARANEO, PHILIPPA C. MARRACK (HUNTER), AND JOHN W. KAPPLER. ...................................................................................... 747

Thyroglobulin-Binding Lymphoid Cells in Obese Strain (OS) Chickens. E. RICHTER AND G. WICK. ........................................................................................................ 757

Antibody Dependent Cytolysis of Chicken Erythrocytes by an in Vitro-Established Line of Mouse Peritoneal Macrophages. WILLIAM S. WALKER AND ANNAMARIE DEMUS. ........................................................................... 765

Immunologic Properties of Bacterial Lipopolysaccharide (LPS): Correlation between the Mitogenic, Adjuvant, and Immunogenic Activities. BARRY J. SKIDMORE, JACQUES M. CHILLER, DAVID C. MORRISON, AND WILLIAM O. WEIGLE. ........................................................................................................ 770

The Suppressive Effect of Immunization on the Proliferative Responses of Rat T Cells in Vitro. JERRY A. BASH AND BYRON H. WARKSMA. ........................................................................ 782

Effect of Polycations and Polyanions on Behavior of Sheep Red Blood Cell Rosettes of Human Lymphocytes. DAVID TAK YAN YU AND CARL M. PEARN. ...................................................................................... 788

The Modulation of Spontaneous and Anti-Ig-Stimulated Motility of Lymphocytes by Cyclic Nucleotides and Adrenergic and Cholinergic Agents. GEORGE F. SCHREINER AND EMIL R. UNANUE. ........................................................................... 802

Anti-Ig-Triggered Movement of Lymphocytes—Specificity and Lack of Evidence for Directional Migration. GEORGE F. SCHREINER AND EMIL R. UNANUE. ........................................................................... 809

Suppression of Reaginic Antibody Formation. I. Induction of Haypen-Specific Tolerance. WENG Y. LEE AND ALEC H. SHERON. ........................................................................................................ 829

Suppression of Reaginic Antibody Formation. II. The Use of Adoptive Transfer System for the Study of Immunologic Unresponsiveness. WENG Y. LEE AND ALEC H. SHERON. ........................................................................... 837

Anti-Dinitrophenyl Antibody Production in Strain 13 Guinea Pigs Fed or Sensitized with Dinitrochlorobenzene. ROBERT T. REESE AND JOHN J. CEERA. ...................................................................................... 863

Induction of Tolerance to Nucleic Acid Determinants by Administration of a Complex of Nucleoside d-Glutamic Acid and L-Lysine (D-GL). ZELIG ESRAR, BARTU BENACERRAF, AND DAVID H. KATZ. ...................................................................................... 872

Maturation of B Lymphocytes in the Rat. II. Subpopulations of Virgin B Lymphocytes in the Spleen and Thoracic Duct Lymph. SAMUEL STROBER. ...................................................................................... 877

IMMUNOCHEMISTRY

Anti-Receptor Antibody. I. Isolation and Characterization of the Immunoglobulin Receptor for Phosphocholine. DAVID S. STRAYER, ELLEN S. VITIETTA, AND HEINZ KOHLER. ...................................................................................... 722

Anti-Receptor Antibody. II. Induction of Long-Term Unresponsiveness in Neonatal Mice. DAVID S. STRAYER, WILLIAM M. F. LEE, DONALD A. ROWLEY, AND HEINZ KOHLER. ...................................................................................... 728

The Effect of Fluorescein Conjugation on Fc-Dependent Properties of Rabbit Antibody. SCOTT G. TIMASHER, ........................................................................................................ 877

The Modulation of Spontaneous and Anti-Ig-Stimulated Motility of Lymphocytes by Cyclic Nucleotides and Adrenergic and Cholinergic Agents. GEORGE F. SCHREINER AND EMIL R. UNANUE. ........................................................................... 802

Anti-Ig-Triggered Movement of Lymphocytes—Specificity and Lack of Evidence for Directional Migration. GEORGE F. SCHREINER AND EMIL R. UNANUE. ........................................................................... 809

Mechanism of Action of Concanavalin A on Human Basophils. REUBEN P. SIRAGANIAN AND PATRICIA A. SIROGIAN. .............................................................................................. 886

IMMUNOGENETICS AND TRANSPLANTATION

Rat Cell Surface Antigens. I. Isolation and Partial Characterization of An Ag-B Antigen. GERALD N. CALLAHAN AND CHARLES W. DEWITT. ...................................................................................... 776

Rat Cell Surface Antigens. II. Isolation of A Minor Histocompatibility Antigen. GERALD N. CALLAHAN AND CHARLES W. DEWITT. ...................................................................................... 779


Ly-4.2: A Cell Membrane Allotagentic of Murine B Lymphocytes. II. Functional Studies. IAN F. C. MCKENZIE. .............................................................................................. 856

IMMUNOPATHOLOGY

Comparison of the Ocular Effects of Circulating Endotoxin and Immune Complexes: Role of Vasoactive Amines. EDWARD L. HOWES, JR., AND DONALD G. McKAY. ...................................................................................... 734

The Antigenicity of Myelin Enephalitogenic Protein: Production of Antibodies to Enephalitogenic Protein with Deoxyribonucleic Acid-Enephalitogenic Protein Complexes. JOHN N. WHITAKER. .............................................................................................. 823

Two Distinct Chemotactic Factor Inactivators in Human Serum. Gerd Till and Peter A. Ward. .............................................................................................. 843
TUMOR IMMUNOLOGY

The Effect of Plasmacytomas on Serum Immunoglobulin Levels of BALB/c Mice. Marilyn R. Fenton and H. Francis Hayas ................................................................. 793
Identification of Macrophage-Like Characteristics in a Cultured Murine Tumor Line. Hillel S. Koren, Barry S. Handwerger, and John R. Wunderlich ........................................... 894
Reticulum Cell Sarcoma: An Effector Cell in Antibody-Dependent Cell-Mediated Immunity. Peter Ralph, John Prichard, and Melvin Cohn ...................................................... 898

VIRAL AND MICROBIAL IMMUNOLOGY

The Interferon Refractory State. II. Biologic Characterization of a Refractoriness-Inducing Protein. Ernest C. Borden, Edward V. Prochownik, and William A. Carter .................................................. 752

COMMUNICATIONS

Phenotypic Correction of Low Reagin Production, A Genetic Defect in the SJL Mouse. V. S. Sastry Gollapudi and Leon S. Kind ............................................................. 906
Sensitive Detection of Immunoglobulin Light and Heavy Chains on Rabbit Lymphocytes by Antibody-Coated Erythrocytes. Giuseppe A. Molinaro, Beverley A. Bessinger, Alice Gilman-Sachs, and Sheldon Dray ................................................................................................. 908
Constant-Region Cysteine-Containing Peptides of b4 and b9 Rabbit k-chains Isolated by a New Diagonal Mapping Procedure. Robert M. Goodflesh .................................................. 910