



This information is current as
of September 25, 2022.

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>



THE JOURNAL OF IMMUNOLOGY®

Contents for February

CELLULAR IMMUNOLOGY

Alteration of Macrophage Interfacial Tension by Supernatants of Antigen-Activated Lymphocyte Cultures. SUSAN G. THRASHER, TAKESHI YOSHIDA, CAREL J. VAN OSS, STANLEY COHEN AND NOEL R. ROSE	321
Functional Heterogeneity of Murine Lymphoid Cells. III. Differential Responsiveness of T Cells to Phytohemagglutinin and Concanavalin A as a Probe for T Cell Subsets. JOHN D. STOBO AND WILLIAM E. PAUL	362
Syngeneic Mixed Lymphocyte Reaction between Thymocytes and Peripheral Lymphoid Cells in Mice: Strain Specificity and Nature of the Target Cell. H. von BOEHMER AND P. B. ADAMS	376
Heterologous Antiserum to Mouse Thymus-Derived Lymphocytes. CLAUDE BRON AND DANIEL SAUSER	384
Adjuvant Effect of Endotoxin: Antibody Response to Sheep Erythrocytes in Mice after Transfer of Syngeneic Lymphoid Cells Treated with Bacterial Lipopolysaccharide <i>in Vitro</i> . MASAYASU NAKANO, TAKEHIKO UCHIYAMA AND KAZUHISA SAITO	408
The Localization of IgE in Canine Skin: An Immunofluorescent Study. R. E. W. HALLIWELL	422
Differentiated Functions Expressed by Cultured Mouse Lymphoma Cells. II. θ Antigen, Surface Immunoglobulin and a Receptor for Antibody on Cells of a Thymoma Cell Line. ALAN W. HARRIS, ARTHUR D. BANKHURST, SALLY MASON AND NOEL L. WARNER	431
Suppression of the <i>in Vitro</i> Anamnestic Response of Rabbit Lymph Node Cells by Anti-IgG Serum. HERBERT B. HERSCOWITZ	444
Cell Surface Associated Gamma Globulin in Lymphocytes. V. Detection of Early Cytophilic Complexes Reacting with T- and B-Lymphocytes. K. B. ORR AND F. PARASKEVAS	456
The Fate of Anti-Ig-Surface Ig Complexes on B Lymphocytes. HOWARD D. ENGERS AND EMIL R. UNANUE	465
Differential Sensitivity of Bone Marrow and Thymus Cells to Actinomycin D in the <i>in Vivo</i> Response of Mice to Sheep Erythrocytes. STEPHEN J. KAUFMAN, JEVROSIMA RADOVICH AND DAVID W. TALMAGE	476
Suppression and Selection of B Cells during Lysozyme Tolerance in the Mouse. R. SCIBIENSKI AND E. SERCARZ	540
Migration Inhibitory Effect of Cell-Free Supernatants from Tuberculin-Stimulated Cultures of Human Mononuclear Leukocytes Demonstrated by Two-Step MIF Agarose Assay. JENS ERIK CLAUSEN	546
Amplification of Thymus-Influenced Lymphocytes by Poly (A:U): Inhibition of Antigen Binding by Antiserum to Immunoglobulin Light Chain. JOHN J. MARCHALONIS, ROBERT E. CONE AND RONALD T. ROLLEY	561
Graft-vs-Host Reactivity of Mouse Thymocytes: Effect of Cortisone Pretreatment of Donors. ROBERT E. TIGELAAR AND RICHARD ASOFSKY	567

IMMUNOCHEMISTRY

Monoclonal IgA and IgM in the Serum of a Single Patient (SC). I. Sharing of Individually Specific Determinants between IgA and IgM. YASUO YAGI AND DAVID PRESSMAN	335
Monoclonal IgA and IgM in the Serum of a Single Patient (SC). II. Identity of Light Chains from IgA(κ) and IgM(κ). B.-K. SEON, Y. YAGI AND D. PRESSMAN	345
Monoclonal IgA and IgM in the Serum of a Single Patient (SC). III. Immunofluorescent Identification of Cells Producing IgA and IgM. ANDREW Y. SILVERMAN, YASUO YAGI, DAVID PRESSMAN, ROSE R. ELLISON AND DOUGLAS C. TORMEY	350
Blocking of the Hemolytic Expression of the Classical Complement Sequence by Products of Complement Activation via the Alternate Pathway: Materials Responsible for the Blocking Phenomenon and Their Proposed Mechanism of Action. SUSAN M. KOETHE, K. FRANK AUSTEN AND IRMA GIGLI	390
A Solid Phase Radioimmunoassay for the Quantitation of Human Reaginic Antibody against Ragweed Antigen E. C. RAYMOND ZEISS, J. J. PRUZANSKY, ROY PATTERSON AND MARY ROBERTS	414
Natural Antiglobulin Antibodies in Primate Sera. N. H. BAXTER, A. MALLEY AND W. J. MANDY	502
Chicken γ A: Physicochemical and Immunochemical Characteristics. JOHN BIENENSTOCK, DANIEL Y. E. PEREY, J. GAULDIE AND B. J. UNDERDOWN	524

Continued

IMMUNOGENETICS AND TRANSPLANTATION

Prevention of Marrow Allograft Rejection with Radioactive Strontium: Evidence for Marrow-Dependent Effector Cells. MICHAEL BENNETT. 510

IMMUNOPATHOLOGY

Induction of Reagin Synthesis in the Rat with Associated and Dissociated Hemocyanin: Effect of Antilymphocyte Serum. G. J. WHITE AND M. S. HOLM. 327

Effect of Cobra Venom Factor on the Local GVH Reaction. I. Partial Characterization of a Cytotoxic Factor from Cobra Venom for Rat Lymphocytes. MARK BALLOW, NOORBIBI K. DAY AND ROBERT A. GOOD. 354

Studies in Myasthenia Gravis: Active Antigenic Sites Related to Humoral Antibody Induction. ALLYN H. RULE, Y. PATRICIA BARTLETT AND KERMIT E. OSSERMAN. 401

Reactions of Murine Lymphoma Cells with Infectious Mononucleosis Sera. INÉS MALAVÉ, KYOICHI KANO AND FELIX MILGROM. 439

Studies of Complement-Mediated Membrane Damage: The Influence of Erythrocyte Storage on Susceptibility to Cytolysis. THELMA A. GAITHER AND MICHAEL M. FRANK. 482

Platelet Injury due to Activation of the Alternate Complement Pathway. R. P. SIRAGANIAN, A. L. SANDBERG, A. ALEXANDER AND A. G. OSLER. 490

Pseudoimmune Precipitation by the Isolated Byssinosis "Antigen." JOHN H. EDWARDS AND BRIAN M. JONES. 498

Effects of Natural Thymocytotoxic Autoantibody of NZB Mice and of Specifically Prepared Antilymphocyte Serum on the Tissue Distribution of ⁵¹Cr-Labeled Lymphocytes. TOSHIKAZU SHIRAI, TAKASHI YOSHIKI AND ROBERT C. MELLORS. 517

Proportion of T and B Lymphocytes in Lesions of Marek's Disease: Theoretical Implications for Pathogenesis. B. T. ROUSE, R. J. H. WELLS AND N. L. WARNER. 534

VIRAL AND MICROBIAL IMMUNOLOGY

Infection of Thymus Cells *in Vivo* and *in Vitro* with a Guinea Pig Herpes-Like Virus and the Effect of Antibody on Virus Replication in Organ Culture. R. B. TENSER AND G. D. HSIUNG. 552

COMMUNICATIONS

Neonatal Thymectomy Increases Spontaneous Autoimmune Thyroiditis. PETER WELCH, NOEL R. ROSE AND JOSEPH H. KITE, JR. 575

Increased Responsiveness to Phytohemagglutinin and Graft-*vs*-Host Reactivity of Thymus Cells from Snell-Bagg Dwarf Mice. RENÉ J. DUQUESNOY AND RICHARD C. AHRENS. 578

The Relationship between Sedimentation Value and Immunogenic Activity of Mycobacterial Ribonucleic Acid. ANNE S. YOUMANS AND GUY P. YOUMANS. 581

Concentration of Cross-Reacting Idiotypic Specificities in Unrelated Mouse Immunoglobulins. LAURA L. PAWLAK, AI-LAN WANG AND ALFRED NISONOFF. 587

In Vitro Assay of Cellular Immunity to Tumor-Specific Antigen(s) of Virus-Induced Tumors by Macrophage Migration Inhibition. JOHN W. BLASECKI AND SATVIR S. TEVETHIA. 590

Fibrosarcoma Induction in Immunosuppressed Mice. BARBARA H. SANFORD AND SOPHIE F. SOO. 595

γB-Cell Differentiation in the Splenic Environment: Acquired Susceptibility to the Helper Function of Irradiated T Cells. TAKAAKI ITO, TOSHIYA KINO AND GUSTAVO CUDKOWICZ. 596

Antibodies against Sporozoites of Human and Simian Malaria Produced in Rats. R. S. NUSSENZWEIG, W. MONTOURI, G. L. SPITALNY AND D. CHEN. 600

Polycarbonate Sieve Filtration of Lymph Node Cells: Selective Depletion of Immunoglobulin-Bearing Lymphocytes. MICHAEL R. HARRISON, GERALD J. ELFENBEIN AND IRA GREEN. 602

Greater Sensitivity to Inhibition by Anti-Immunoglobulin of Splenic than of Bone Marrow B-Lymphocytes. J. J. MOND AND G. J. THORBECKE. 605

Immunologic Tolerance in C4 Deficient Guinea Pigs. BENJAMIN E. COHEN, IRA GREEN AND JOSEPH M. DAVIE. 608

ERRATA. 612