



The Most Comprehensive Portfolio of SARS-CoV-2 Reagents

- Recombinant Antibodies
- Sandwich ELISA Pairs
- Recombinant Proteins
- FFPE Cell Pellet Blocks

LEARN MORE <https://www.genetex.com/covid19>



115 (4)

J Immunol 1975; 115:895-1177; ;
<http://www.jimmunol.org/content/115/4.citation>

This information is current as of September 22, 2020.

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 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 October

CELLULAR IMMUNOLOGY

An Analysis of the Defective Response of CBA/N Mice to T-Dependent Antigens. CHARLES A. JANEWAY, JR. AND DAVID R. BARTHOLD	898
IgG-Dependent Clearance of Red Blood Cells in IgG Myeloma Patients. JUAN CARLOS SCORNIK, MARIO CESAR SALINAS, AND BENJAMIN DREWINKO	901
Antigen-Enhanced Glucosamine Incorporation by Peritoneal Macrophages in Cell-Mediated Hypersensitivity. I. Studies on Biology and Mechanism. M. ELIZABETH HAMMOND, SALVATORE S. SELVAGGIO, AND HAROLD F. DVORAK	914
Studies on the Adjuvant Effect of <i>Bordetella pertussis</i> Vaccine to Sheep Erythrocytes in the Mouse. I. <i>In vitro</i> Enhancement of Antibody Formation with Normal Spleen Cells. ANTHONY J. MURGO AND THOMAS J. ATHANASSIADES	928
Reactivity of Rabbit Antiserum to Guinea Pig Eosinophils. GERALD J. GLEICH, DAVID A. LOEGERING, AND GAIL M. OLSON	950
Mouse Effector Functions Involved in the Antibody-Dependent Cellular Cytotoxicity to Xenogeneic Erythrocytes. STEFAN A. COHEN, M. JANE EHRKE, AND ENRICO MIHICH	1007
Regulatory Substances Produced by Lymphocytes. II. Lymphotoxin in the Rat. YUZIRO NAMBA AND BYRON H. WAKSMAN	1018
Two Novel Stimuli of Cyclic Adenosine 3', 5'-Monophosphate (cAMP) in Human Lymphocytes. JOHN P. ATKINSON, H. JAMES WEDNER, AND CHARLES W. PARKER	1023
Stimulation of Human Lymphocytes by Galactose-Specific Abrus and Ricinus Lectins. OTTO CLOSS, ERLING SALTVEDT, AND SJUR OLSNES	1045
<i>In Vitro</i> Human Reactivity to Staphylococcal Phage Lysate. J. H. DEAN, J. S. SILVA, J. L. MCCOY, S. P. CHAN, J. J. BAKER, C. LEONARD, AND R. B. HERBERMAN	1060
Rosette Formation of Human Lymphoid Cells with Monkey Red Blood Cells. M. A. PELLEGRINO, S. FERRONE, AND A. N. THEOFILOPOULOS	1065
Carrier-Induced Tolerance to Nucleic Acid Antigens. B. DAVID STOLLAR AND YVES BOREL	1095
The Requirement for Macrophage-Lymphocyte Interaction in T Lymphocyte Proliferation Induced by Generation of Aldehydes on Cell Membranes. DIRK K. GREINER AND ALAN S. ROSENTHAL	932
Inhibition of Macrophage-Lymphocyte Interaction by Cytochalasin B during Antigen Recognition by T Lymphocytes. ALAN S. ROSENTHAL, J. THOMAS BLAKE, AND PETER E. LIPSKY	1135
Temporal Dependence of the Inhibition by Cytochalasin B of Antigen-Initiated Migration Inhibition Factor Production. S. A. BEN SASSON AND ALAN S. ROSENTHAL	1140
A Subpopulation of T Cells Bearing Fc Receptors. ANTONY BASTEN, J. F. A. P. MILLER, NOEL L. WARNER, ROBERT ABRAHAM, EUNICE CHIA, AND JENNIFER GAMBLE	1159

IMMUNOCHEMISTRY

Molecular Restrictions of Anti-DNP Antibodies Induced by (DNP) ₂ -Gramicidin S. PAUL C. MONTGOMERY, JOHN H. ROCKEY, RONALD L. KAHN, AND CHERYL A. SKANDERA	904
Comparison of the Binding Affinities of Rabbit IgG Fractions to the Rabbit Fetal Yolk Sac Membrane: Use of ²² Na to Facilitate Quantitation of ¹²⁵ I-IgG Binding. DAVID D. TSAY AND MAX SCHLAMOWITZ	939
Synthesis but Not Secretion of J Chain by Variant Mouse Myeloma Cells Which Lose α -Chain-Synthesizing Ability. TIMOTHY MOSMANN AND RUEBEN BAUMAL	955
Studies of Surface Immunoglobulins on Human B Lymphocytes. I. Dissociation of Cell-Bound Immunoglobulins with Acid pH at 37°C. KATSUO KUMAGAI, TORU ABO, TSUYOSHI SEKIZAKA, AND MUTSUO SASAKI	982
Identification and Properties of J Chain Isolated from Catfish Macroglobulin. JIRI MESTECKY, ROSE KULHAVY, RALPH E. SCHROHENLOHER, MILAN TOMANA, AND GENESIS P. WRIGHT	993
Peculiar Secretory IgA System Identified in Chickens. II. Identification and Distribution of Free Secretory Component and Immunoglobulins of IgA, IgM, and IgG in Chicken External Secretions. HIROSHI WATANABE, KUNIHICO KOBAYASHI, AND YASURO ISAYAMA	998
Subfragments of Papain Solubilized TL Antigen. THOMAS H. STANTON, J. CLAUDE BENNETT, AND MICHAEL WOLCOTT	1013
Mechanism of Complement-Induced Cell Lysis Demonstration of a Three-Step Mechanism of EAC1-8 Cell Lysis by C9 and of a Non-Osmotic Swelling of Erythrocytes. GÜNTER VALET AND WOLFGANG OFFERKUCH	1028
Complement Inhibitor(s) Released by Leukocytes. I. Pretreatment of Sheep Erythrocytes with Supernatants of Mouse Spleen and Thymus Cells Inhibit Whole Complement Activity and C2 Utilization. ALAIN BERNARD, LAURENCE BOUMSELL, TIBOR BORSOS, ROBERT A. GOOD, AND NOORBIBI K. DAY	1087
Complement Inhibitor(s) Released by Leukocytes. III. Evidence for a "New" C1 Inhibitor in the Supernatants of Short-Term Cultures of Mouse Spleen and Thymus Cells. ALAIN BERNARD, LAURENCE BOUMSELL, AND TIBOR BORSOS	1091
Comparative Studies on Monotypic IgM λ and IgG κ from an Individual Patient. I. Evidence for Shared V _H Idiotypic Determinants. JOHN E. HOPPER	1101

Interaction of C3b, B, and \bar{D} in the Alternative Pathway of Complement Activation. ANNE NICHOLSON, VOLKER BRADE, HANS-ULRICH SCHORLEMMER, REINHARD BURGER, DIETER BITTER-SUERMANN, AND ULRICH HADDING.....	1108
---	------

IMMUNOGENETICS AND TRANSPLANTATION

Specific Partial Deletion of Graft-vs-Host Activity by Incubation and Centrifugation of Mouse Spleen Cells on Allogeneic Spleen Cell Monolayers. MICHAEL G. MAGE AND LOUISE L. MCHUGH.....	911
Structural and Genetic Basis of the <i>in Vivo</i> Immune Response to TNP-LPS. DIANE M. JACOBS.....	988
Analysis of an HL-A Antiserum by Iso-Electric Focusing. EMILY G. REISNER, HOWARD M. REISNER, K. S. SU CHUNG, JAMES D. FOLDS, AND D. BERNARD AMOS.....	1084
The Influence of Foster Nursing on the Survival and Immunologic Competence of Mice and Rats. WILLYS K. SILVERS AND TIMOTHY W. POOLE.....	1117
Synergy between Subpopulations of Normal Mouse Spleen Cells in the <i>in Vitro</i> Generation of Cell-Mediated Cytotoxicity Specific for "Modified Self" Antigens. RICHARD J. HODES, KAREN S. HATHCOCK, AND GENE M. SHEARER.....	1122

IMMUNOPATHOLOGY

Genetically Controlled Autologous Immune Complex Glomerulonephritis in Rats. BODO STENGLIN, GUNTHER H. THOENES, AND EBERHARD GÜNTHER.....	895
Evidence for an Abnormal Microenvironment in the Thymus of New Zealand Black Mice. MICHAEL J. DAUPHINÉE, DONALD W. PALMER, AND NORMAN TALAL.....	1054
The Effect of Thiols on the Immunologic Release of Slow Reacting Substance of Anaphylaxis. I. Human Lung. ROBERT P. ORANGE AND PUAY-LIM CHANG.....	1072
Immunologic Properties of Mast Cells from Rats Infected with <i>Nippostrongylus brasiliensis</i> . TERUKO ISHIZAKA, WOLFGANG KÖNIG, MUNETSUGU KURATA, LINDA MAUSER, AND KIMISHIGE ISHIZAKA.....	1078
The Antibody Responses to Myelin Basic Protein (BP) in Lewis Rats: The Effects of <i>Bordetella pertussis</i> . OLIN M. PITTS, VINCENT A. VARITEK, AND EUGENE D. DAY.....	1114
The Role of Cyclic AMP in the Chemotactic Responsiveness and Spontaneous Motility of Rabbit Peritoneal Neutrophils. The Inhibition of Neutrophil Movement and the Elevation of Cyclic AMP Levels by Catecholamines, Prostaglandins, Theophylline, and Cholera Toxin. ISRAEL RIVKIN, JOSEPH ROSENBLATT, AND ELMER L. BECKER.....	1126
Immunity to <i>Toxoplasma gondii</i> Induced <i>in Vitro</i> in Non-Immune Mouse Macrophages with Specifically Immune Lymphocytes. KRISHAN K. SETHI, BERND PELSTER, NAOYOSHI SUZUKI, GERHARD PIEKARSKI, AND HENNING BRANDIS.....	1151

TUMOR IMMUNOLOGY

Immunosuppression by Spleen Cells from Moloney Leukemia: Comparison of the Suppressive Effect on Antibody Response and on Mitogen-Induced Response. JAN CERNY AND RONALD A. STILLER.....	943
Complete Local Tumor Regression with Antibody to Fibrin Fragment E. SEYMOUR I. SCHLAGER AND SHELDON DRAY.....	976
Reactivity of Antihuman Thymocyte Serum with Acute Leukemic Blasts. BONNIE MILLS, LUISA SEN, AND LUIS BORELLA.....	1038
Antibody-Induced Redistribution of CEA on the Cell Surface: Utilization in Separation of CEA and Isoantigen A. K. L. ROSENTHAL, J. L. PALMER, J. A. HARRIS, W. E. RAWLS, AND W. A. F. TOMKINS.....	1049
Biologic Properties of Transplantation Immune Sera. IV. Influence of the Course of Immunization, Dilution and Complexing to Antigen on Enhancing Activity of Ig Classes. H. T. DUC, R. G. KINSKY, J. KANELLOPOULOS, AND G. A. VOISIN.....	1143

VIRAL AND MICROBIAL IMMUNOLOGY

Antigenic Determinants of the 70,000 Molecular Weight Glycoprotein of Woolly Monkey Type C RNA Virus. SHIGEO S. HINO, JOHN R. STEPHENSON, AND STUART A. AARONSON.....	922
Antigenic Analysis of Chlamydiae by Two-Dimensional Immuno-electrophoresis. I. Antigenic Heterogeneity between <i>C. trachomatis</i> and <i>C. psittaci</i> . HARLAN D. CALDWELL, CHO-CHOU KUO, AND GEORGE E. KENNY.....	963
Antigenic Analysis of Chlamydiae by Two-Dimensional Immuno-electrophoresis. II. A Trachoma-LGV-Specific Antigen. HARLAN D. CALDWELL, CHO-CHOU KUO, AND GEORGE E. KENNY.....	969
Immunochemical Properties of Streptococcal M Protein Purified by Isoelectric Focusing. MADELEINE CUNNINGHAM AND EDWIN H. BEACHEY.....	1002
Aleutian Disease of Mink: The Antibody Response of Sapphire and Pastel Mink to Aleutian Disease Virus. MARSHALL E. BLOOM, RICHARD E. RACE, WILLIAM J. HADLOW, AND BRUCE CHESEBRO.....	1034

COMMUNICATIONS

Decreased Antibody Response in the Offspring of Immunized High Responder Rats. BRIDGETT K. DAVIS AND THOMAS J. GILL, III.....	1166
Lymphocyte Populations of AKR/J mice. III. Changes in the Preleukemic State. MARION M. ZATZ.....	1168
Carrier Specificity vs Hapten Specificity in Classical Cell-Mediated Contact Sensitivity to Dinitrochlorobenzene. WILLIAM R. LEVIS, JOHN A. POWELL, AND JOHN J. WHALEN.....	1170
Human Lymphocyte Alloantigen(s) Similar to Murine Ir Region-Associated (Ia) Antigens. ROBERT D. ARBEIT, DAVID H. SACHS, D. BERNARD AMOS, AND HOWARD B. DICKLER.....	1173
Announcements.....	1176