THE JOURNAL OF IMMUNOLOGY®

Contents for September

CELLULAR IMMUNOLOGY

741 Cutaneous Basophil Hypersensitivity Uncovered in the Cell Transfer of Classical Tuberculin Hypersensitivity. Philip W. Askenase

802 Tolerance and Contact Sensitivity to DNFB in Mice. VI. Inhibition of Afferent Sensitivity by Suppressor T Cells in Adoptive Tolerance. John W. Moorhead

818 Studies on Human Brain-Thymus Cross-Reactive Antigens. T. P. Maznina and S. G. Kushner

835 Immune Response in the Hamster. VIII. Ig Class Differences in Susceptibility to Tolerance Induction. J. L. Portis and J. E. Coe

865 Leukocyte Migration Inhibitory Factor (LMIF) Production in Unidirectional Mixed Lymphocyte Cultures. Andrzej J. Górska, Bo Dupont, John A. Hansen, and Robert A. Good

962 Circadian Rhythmic Plaque-Forming Cell Response of Spleens from Mice Immunized with SRBC. Gabriel Fernandes, Franz Halberg, Edmond J. Yunis, and Robert A. Good

967 Site of Action of a Soluble Immune Response Suppressor (SIRS) Produced by Concanavalin A-Activated Spleen Cells. Takushi Tadakuma and Carl W. Pierce

1045 The Kinetics of Interferon Production by Mouse Lymphocytes and Its Modulating Effect on the Virus Plaque-Forming Cell Assay as a Quantitative Method to Determine Activated Lymphocytes. Jochen W. Heine and William H. Adler

CLINICAL IMMUNOLOGY

717 A Human Cold Agglutinin which Binds Lacto-N-neotetraose. Chao-Ming Tsai, David A. Zopf, Richard Wistar, Jr., and Victor Ginsburg

730 The Formation of Stable E-Rosettes by Human T Lymphocytes Activated in Mixed Lymphocyte Reactions. Uri Galili and Michael Schlesinger


927 Suppression of Reaginic Antibody Formation. IV. Suppression of Reaginic Antibodies to Penicillin in the Mouse. Weng Y. Lee and Alec H. Sehon

939 An Appraisal of Fe Receptors on Human Peripheral Blood B and L Lymphocytes. Peter I. Lobo and David A. Horwitz

944 Development of Monoclonal IgA and an Apparent IgG in a Patient with Macroglobulinemia: Sharing of Individually Specific Antigenic Determinants Among IgM, IgA, and IgG. Daryl S. Fair, Susan Schaffer, and Robert G. Krueger

IMMUNOCHEMISTRY


830 A New Activity of Complement Component C3: Cell-Bound C3b Potentiates Lysis of Erythrocytes by C5b, 6 and Terminal Components. Carl H. Hammer, Aaron S. Abramowitz, and Manfred M. Mayer


847 Synthetic Glycolipid Adjuvants. Ulrich H. Behling, Barbara Campbell, Chung-Ming Chang, Christopher Rumpf, and Alois Novotny


900 Evidence for the Presence of Components of the Alternative (Properdin) Pathway of Complement Activation in Respiratory Secretions. J. Robertson, J. R. Caldwell, J. R. Castle, and R. H. Waldman

986 Studies of Idiotype Antibodies: Reactions of Isoologous and Autologous Anti-idiotype Antibodies with the Same Antibody Preparations. L. Scott Rodkey

990 The Primary Structure of Porcine C3a Anaphylatoxin. Neal C. Corbin and Tony E. Hugli

IMMUNOGENETICS AND TRANSPLANTATION

Ability of H-2 Regions to Induce Graft-vs-Host Disease. Jan Klein and ChinLee Chiang

In Vitro Induction of F, Hybrid Anti-parent Cell-Mediated Cytotoxicity. Gene M. Shearer, Carol A. Garbarino, and Gustavo Cudkowicz

HLA-Related Control of Spontaneous and Antibody-Dependent Cell-Mediated Cytotoxicity in Humans. Daniela Santoli, Giorgio Trinchieri, Chester M. Zmijewski, and Hilary Koprowski

Influence of H-2 on the Ontogenesis of a Spleen Cell Population which Lacks C3 Receptors and Thy-1 Antigen. Arturo Ferreira and Victor Nussenzweig

Immune Response of Mice to the Thy-1.1 Antigen: Intra-H-2 Mapping of the Complementary Ir-Thy-1 Loci. Marek B. Zaleski and Jan Klein


Studies on the Specificity of in Vitro Induced Lymphocytotoxicity to SV40-Transformed Fibroblasts. H. Warnatz and F. Krapf

IMMUNOPATHOLOGY

Modulation of Cyclic AMP in Purified Rat Mast Cells. III. Studies on the Effects of Concanavalin A and Anti-IgE on Cyclic AMP Concentrations during Histamine Release. Timothy J. Sullivan, Keith L. Parker, Anthony Kulczycki, Jr., and Charles W. Parker

Thymic Function in NZB Mice. II. Regulatory Influence of a Circulating Thymic Factor on Antibody Production against Polyvinylpyrrolidone in NZB Mice. Marie-Anne Bach and Patrick Niaudet

The Complement Profile in Babesiosis. William E. Chapman and Peter A. Ward

Humoral Immunostimulation. VI. Increased Calcium Uptake by Cells Treated with Antibody and Complement. William T. Shearer, John P. Atkinson, and Charles W. Parker


Colechicine-Sensitive Structures and Lymphocyte Activation. Warner C. Greene, Christine M. Parker, and Charles W. Parker

Separation of Slow Reacting Substance of Anaphylaxis (SRS-A) from Human Lung into Four Biologically Active Fractions. Hidenobu Takahashi, Marion E. Webster, and Harold H. Newball


TUMOR IMMUNOLOGY

Antibody-Induced Killing in Vivo of L1210/MTX-R Cells Quantitated in Passively Immunized Mice with 111I-Iododeoxyuridine-Labeled Cells and Whole Body Measurement of Retained Radioactivity. George A. Carlson and Geronimo Terres

Immunosuppression by Spleen Cells from Moloney Leukemia. II. Studies on the Mechanism of Suppression and Failure to Detect an Extracellular Suppressive Product. Ronald A. Stiller and Jan Cerny

An in Vitro Immuno-Enzymatic Assay of Tumor Antigens in the Mouse With β-Galactosidase. Franco Celada, Pier Giorgio Natali, and Josna Radojkovic

An Indirect Radioimmunoassay for Thymus Leukemia (TL) Antigens. Naomi L. Esmon and J. Russell Little


Early Steps in Specific Tumor Cell Lysis by Sensitized Mouse T Lymphocytes. II. Electrolyte Permeability Increase in the Target Cell Membrane Concomitant with Programming for Lysis. Eric Martz

Inhibition of Normal Mouse Lymphocyte Mitogen Responses by Xenogeneic or Allogeneic Antibodies to the MuLV Glycoprotein gp71. John C. Lee and James N. Ihle

VIRAL AND MICROBIAL IMMUNOLOGY

Immunochemical Studies of Infectious Mononucleosis. V. Isolation and Characterization of a Glycoprotein from Goat Erythrocyte Membranes. Mary Ann Fletcher, Timothy M. Lo, and William R. Graves

The Role of Circulating Interferon in the Modifications of Immune Responsiveness by Mouse Hepatitis Virus (MHV-3). Jean-Louis Virelizier, Anne-Marie Virelizier, and Anthony C. Allison

Influenza A Virus Interaction with Murine Lymphocytes. I. The Influence of Influenza Virus A/Japan 305 (H2N2) on the Pattern of Migration of Recirculating Lymphocytes. Judith J. Woodruff and Jack F. Woodruff

Influenza A Virus Interaction with Murine Lymphocytes. II. Changes in Lymphocyte Surface Properties Induced by Influenza Virus A/Japan 305 (H2N2). Judith J. Woodruff and Jack F. Woodruff

Continued on page 8
Continued from page 3


950 Herpes Simplex-Raji (A44), A New Cell Line for Serologic Testing by Immunofluorescence. Jean-Marie Seigneurin, Claude Desgranges, Marie-France Lavoue, and Guy de-The


996 In Vitro Evaluation of Immunity to Coxiella burnetii. David J. Hinrichs and Thomas R. Jerrells

1004 Lymphocytic Choriomeningitis Virus-Induced Immunosuppression: A Virus-Induced Macrophage Defect. Robert P. Jacobs and Gerald A. Cole

COMMUNICATIONS


1056 Announcements

1060 Errata

1061 Author Index

THE AMERICAN ASSOCIATION OF IMMUNOLOGISTS

OFFICERS

Manfred M. Mayer, President
New York, New York

K. Frank Austen, Vice President
Boston, Massachusetts

Henry Metzger, Secretary-Treasurer
American Association of Immunologists
9650 Rockville Pike
Bethesda, Maryland 20014

COUNCILLORS

David W. Talmage
Denver, Colorado

Irwin H. Lepow
Farmington, Connecticut

D. Bernard Amos
Durham, North Carolina

Hugh O. McDevitt
Stanford, California

Joseph D. Feldman
La Jolla, California