CELLULAR IMMUNOLOGY

The Formation of Stable E Rosettes after Neuraminidase Treatment of either Human Peripheral Blood Lymphocytes or of Sheep Red Blood Cells. Uri GALILI and MICHAEL SCHLESINGER ....................................................... 1628

Chymopapain C: An Immunosuppressive Protease. II. Effect on the Primary and Secondary Immune Response of Mice. JAMES A. CLAGETT, SEI TOKUDA, AND WARREN E. ENGELHARD ...................................................... 1660

Regulation of Antibody Response in Vitro. VIII. Multiplicity of Soluble Factors Released from Carrier-Specific Cells. TADAMITSU KISHIMOTO and KIMISHIGE ISHIKAWA ........................................................................... 1685

Participation of Different Cell Populations in Antigen- and Nitrogen-Induced Lymphocyte Proliferation. Evidence that Blastogenic Factor-Sensitive Lymphocytes are Inactivated by 5-Bromo-2'-Deoxyuridine. VEITA A. LAZDA and PETER BARAM .............................................................. 1705

Antigen Binding T and B Lymphocytes. I. Differences in Cellular Specificity and Influence of Metabolic Activity on Interaction of Antigen with T and B Cells. GUNTER J. HÄMMERLING and HUGH O. McDEVITT ........................................ 1726

Antigen Binding T and B Lymphocytes. II. Studies on the Inhibition of Antigen Binding to T and B Cells by Anti-Immunoglobulin and Anti-H-2 Sera. GUNTER J. HÄMMERLING and HUGH O. McDEVITT ........................................ 1734

The Abrogation of Macrophage Migration Inhibition by Pretreatment of Immune Exudate Cells with Anti-β Antibody and Complement. BRUCE A. CLINTON, TERRY J. MAGOC, and RICHARD L. ASPINALL .................................................. 1741

Evaluation of C3 Receptors on Lymphoid Cells with Different Complement Sources. MANFRED P. DIERICH, MICHELE A. PELLEGRINO, SADANNO FERRONE, and RALPH A. REISFELD ................................................................. 1766

Rosette-Plaque Assay: Fine Specificity Differences among Individual Hapten-Primed Lymph Node Cells. RICHARD B. BANKERT and BENJAMIN WOLF.............................................................. 1782

The Tolerant Cell: Direct Evidence for Receptor Blockade by Tolerogen. MARLENE ALDO-BENSON and YVES BOREL ......................................................................................... 1793

The Release of Antigen Molecules from Macrophages—Characterization of the Phenotype. JESUS CALDERON and EMIL R. UNANUE .................. 1804

Migration Inhibition Factor (MIF) and Migration Stimulation Factor (MSF) in Fetal Calf Serum. ROY A. FOX, DOUGLAS S. GREGORY, and JOSEPH D. FELDMAN .............................................................................. 1861

Macrophage Receptors for Migration Inhibitory Factor (MIF), Migration Stimulatory Factor (MSF), and Agglutinating Factor. ROY A. FOX, DOUGLAS S. GREGORY, and JOSEPH D. FELDMAN .............................................................................. 1867

The Role of Humoral Factors in the Initiation of in Vitro Primary Immune Responses. IV. Are Macrophages the Adherent Cell Type Required for Cell Cooperation. JAMES WATSON, MARILYN THOMAN, PETER RALPH, and EKKHART TRENKNER .............................................................................. 1873

Periodate-Induced Lymphocyte Transformation. IV. Mitogenic Effect of NaIO₄ Treated Lymphocytes upon Autologous Lymphocytes. RICHARD L. O'BRIEN, JOHN W. PARKER, PATRICIA PAOLILLI, and JOAN STEINER ................................................................. 1884

Immunologic Tolerance to a Hapten. III. Induction of Tolerance to Trinitrophenyl in B Cells in Various Differentiation States. JOHN M. FIDLER and EDWARD S. GOLUB .............................................................................. 1891

Relationship of Immunoglobulin to Complement Receptors of Human B Cells. ISES ABRHAMSOHN, Ulf R. NILSSON, and NAM 1. ABDOU .............................................................................. 1931

IMMUNOCHEMISTRY

Glycopeptides of Heavy Chains from Human IgA Myeloma Proteins. JEAN-Pierre J. DESPONT and CARLOS A. ABEL ................................................................. 1623

The Role of Immunoglobulin in the Interaction of Pneumococci and the Properdin Pathway: Evidence for Its Specificity and Lack of Requirement for the Fe Portion of the Molecule. JERRY A. WINKELSTEIN and HYUN S. SHIN ................................................................. 1635

Isolation and Characterization of the Preremyme Form of the Clr Subunit of the First Complement Component. GUNTER VALET and NEIL R. COOPER ................................................................. 1667

Clonal Nature of the Immune Response to Phosphorylcholine. II. Idiotype Specificity and Binding Characteristics of Anti-Phosphorylcholine Antibodies. J. LATHAM CLAFLIN, ROSE LIEBERMAN, and JOSEPH M. DAVID .............................................................................. 1747

Continued
A Cell Surface Antigenic Determinant Present on Mouse Plasmacytes and only about Half of Mouse Thymocytes. MASAMICHI YUTOKU, ALLAN L. GROSSBERG, and DAVID PRESSMAN 1774

The Reaction of Zymosan with the Properdin System: Isolation of Purified Factor D from Guinea Pig Serum and Study of Its Reaction Characteristics. VOLKER BRADE, ANNE NICHOLSON, GERALD D. LEE, and MANFRED M. MAYER 1845

Polymerized Rsaclved Antigen E. III. Differences in Immune Response to Three Molecular Weight Ranges of Monomer and Polymer. ROY PATTERSON and IRENA M. SUSZKO 1855

Isolation of IgE from Reaginic Rat Serum. CHAVIVA ISERSKY, ANTHONY KULCZYCKI, JR., and HENRY METZGER 1909

Aggregation of Fe'μ Subfragments Produced by Tryptic Hydrolysis of Human IgM at Elevated Temperature. JAMES P. CHEN, CAROL B. BERYE, and STELLA D. ELAKOVICH 1920

IMMUNOGENETICS AND TRANSPLANTATION

Immunogenicity and Partial Purification of Soluble H-2 Antigens Extracted with Hypertonic Salt. DIETRICH GÖTZE and RALPH A. REISFELD 1643

IMMUNOPATHOLOGY

Specific Binding of Mouse IgE with Rat Mast Cells. WOLFGANG KÖNIG, HIROKAZU OKUDAIRA, and KIMISHIGE ISHIZAKA 1652

A Solid Phase Radiomununassay for the Diagnosis of Human Hydatidiosis. PIERO MUSIANI, MAURO PIANTHELLI, EFRINO ARRU, and ROBERTO POZZUOLI 1674

In Vitro Studies of Histamine Release from Rabbit Leukocytes by Divalent Haptens. ALBERT M. MAGRO and ALICE ALEXANDER 1757

Histamine Release: In Vitro Studies of the Inhibitory Region of the Dose-Response Curve. ALBERT M. MAGRO and ALICE ALEXANDER 1762

Phagocytosis: A Defense Mechanism against Infection with Trypanosoma Cruzi. FELIPE KIERSZENBAUM, EVA KNCHET, DELIA B. BUDZKO, and MARIA C. PIZZIMIENTI 1839

Saturation of the Reticuloendothelial System with Soluble Immune Complexes. ALAN O. HAAKENSTAD and MART MANNIK 1893

TUMOR IMMUNOLOGY

Effect of Anti-μ Specific Immunosuppression on Friend Virus Leukemia. DEAN D. MANNING, NICOLA M. KOUTTAB, and JOHN W. JUTILA 1698

Secondary Cytotoxic Tumor Immune Response Induced in Vitro. M. RÖLLINGHOFF 1718

Immunity Murine Sarcoma Virus-Induced Tumors. I. Specific T Lymphocytes Active in Macrophage Migration Inhibition and Lymphocyte Transformation. REGINALD M. GORCZYNSKI 1815

Immunity to Murine Sarcoma Virus-Induced Tumors. II. Suppression of T Cell-Mediated Immunity by Cells from Progressor Animals. REGINALD M. GORCZYNSKI 1826

Reversal of Tumor-Mediated Suppression of Immune Reactivity by in Vitro Incubation of Spleen Cells. DAVID LAUX and ROBERT N. LAUSCH 1900

VIRAL AND MICROBIAL IMMUNOLOGY

Detection of Specific Surface Antigens on Cells Transformed by Cytomegalovirus with the Techniques of Mixed Hemagglutination and 125I-Labeled Antiglobulin. ROBERT N. LAUSCH, DONNA M. MURASKO, THOMAS ALBRECHT, and FRED RAPP 1680

COMMUNICATIONS

Forssman-Containing Liposomes: Complement-Dependent Damage due to Interaction with a Monoclonal IgM. KENNETH C. JOSEPH, CARL R. ALVING, and RICHARD WISTAR 1949

IgD: A Major Immunoglobulin on the Surface of Lymphocytes from Patients with Chronic Lymphatic Leukemia. RALPH T. KUBO, HOWARD M. GREY, and BERNARD REDFORD 1952