Contents for November

CELLULAR IMMUNOLOGY

Triggering Mechanism of B Lymphocytes. I. Effect of Anti-Immunoglobulin and Enhancing Soluble Factor on Differentiation and Proliferation of B Cells. 1179
TADAMITSU KISHIMOTO, TADAO MIYAKE, YOSHIRO NISHIZAWA, TAKESHI WATANABE, AND YUICHI YAMAMURA

Triggering Mechanism of B Lymphocytes. II. Induction of Ornithine Decarboxylase in B Cells by Anti-Immunoglobulin and Enhancing Soluble Factor. 1185
TAKESHI WATANABE, TADAMITSU KISHIMOTO, TADAO MIYAKE, YOSHIRO NISHIZAWA, HIROSHI INOUE, YOSHIRO TAKEDA, AND YUICHI YAMAMURA

Secondary IgG Responses to Type III Pneumococcal Polysaccharide. I. Kinetics and Antigen Requirements. 1194
P. DEL GUERCO, MARIE FRANCE POIRIER, AND NICOLE THOBIE

IMMUNOCHEMISTRY

Peanut Agglutinin, a New Mitogen That Binds to Galactosyl Sites Exposed after Neuraminidase Treatment. 1239
ABRAHAM NOVOGORDSKY, REUBEN LOTAN, AMIR H. RAVID, AND NATHAN SHARON

The Immune Adherence Receptor: Dissociation between the Expression of Erythrocyte and Mononuclear Cell C3b Receptors. 1322
IVAN K. ROTHMAN, JEFFREY A. GELFAND, ANTHONY S. FAUCHI, AND MICHAEL M. FRANK

IMMUNOGENETICS AND TRANSPLANTATION

Alloantiserum-Mediated Suppression of Ir Gene Controlled Antigen-Induced Lymphocyte Activation: Effect on Uridine and Leucine Incorporation. 1381
PHILIP D. GREENBERG AND HARRY G. BLUESTEIN
IMMUNOPATHOLOGY

The Immune Response against an Encephalitogenic Fragment of Guinea Pig Basic Protein in the Lewis and Brown Norway Strains of Rat. DAELE E. MCFarlin, SHARON CHUNG-LING Hsu, SUSAN B. SLEEMENDA, SELENE C.-H. CHOU, AND ROBERT F. KIBLER.......................................................... 1456

Isolation of the Most Immunoreactive Antigens of Echinococcus granulosus from Sheep Hydatid Fluid. ROBERT POZZUOLI, MAURO PANTIELLI, CARLO PERUCCI, EPISIO ARBU, AND PIERO MUSIANI.......................................................... 1459

TUMOR IMMUNOLOGY

SplenicSuppressor Macrophages Induced in Mice by Injection of Corynebacterium parvum. HOGERS KIBORNER, HOWARD T. HOLDEN, AND RONALD B. HERBERMAN.......................................................... 1212

Anomalous Reactions of Mouse Alloantisera with Cultured Tumor Cells. I. Demonstration of Widespread Occurrence Using Reference Typing Sera. PAUL A. KLEIN.......................................................... 1254

Anomalous Reactions of Mouse Alloantisera with Cultured Tumor Cells. II. Cytotoxicity is Caused by Antibodies to Leukemia Viruses. ROBERT C. NOWINSKI AND PAUL A. KLEIN.......................................................... 1261

Immune Response to a Syngeneic Mammary Adenocarcinoma. I. Comparison of Kinetics of Tumor Cell Growth and Cytotoxic Responses in Syngeneic and Allogeneic Rats. G. WILLIAM FORTNER, O. KUPERMAN, AND Z. J. LUCAS.......................................................... 1269

Immune Response to a Syngeneic Mammary Adenocarcinoma. II. In Vivo Generation of Cytotoxic Lymphocytes. ODEI KUPERMAN, G. WILLIAM FORTNER, AND ZOLTAN J. LUCAS.......................................................... 1277

Immune Response to a Syngeneic Mammary Adenocarcinoma. III. Development of Memory andSuppressor Functions Modulating Cellular Cytotoxicity. ODEI KUPERMAN, G. WILLIAM FORTNER, AND ZOLTAN J. LUCAS.......................................................... 1282

IgM Antibody Dependent Cell-Mediated Cytotoxicity in the Moloney Sarcoma Virus System: The Involvement of T and B Lymphocytes as Effector Cells. E. W. LAMON, H. D. WHITTEN, H. M. SKURZAK, B. ANDERSSON, AND B. LIDIN.......................................................... 1288

Studies on the Induction and Expression of T Cell-Mediated Immunity. IV. Non-Overlapping Populations of Alloimmune Cytotoxic Lymphocytes with Specificity for Tumor-Associated Antigens and Transplantation Antigens. ELI KEHDAH AND BENJAMIN BONAVDA.......................................................... 1301

Cell-Mediated Immunity to Friend Virus-Induced Leukemia. I. Modification of [3H]Thymidine Release Cytotoxicity Assay for Use with Suspension Target Cells. CHOUC-MUK TING, GRACE SHU BUSHAR, DENNIS RODRIGUES, AND RONALD B. HERBERMAN.......................................................... 1351

Inhibition of Tumor Cell Proliferation: A Second Role for Suppressor Cells? DAVID W. THOMAS, DAVID W. TALMAGE, AND WALDEN K. ROBERTS.......................................................... 1366

VIRAL AND MICROBIAL IMMUNOLOGY

Production of Interferon by Immune Lymphocytes Exposed to Herpes Simplex Virus-Antibody Complexes. TAKASHI FUIRAIYASHI, JOHN J. HOOKS, AND ABNER L. NOTKINS.......................................................... 1191

DNA Release as a Direct Measure of Microbial Killing. I. Serum Bactericidal Activity. ARTHUR M. FREIDLANDER.......................................................... 1404

The Interdomain Disulfide Bond of a Homogeneous Rabbit Pneumococcal Antibody Light Chain. A. DONNY STROSBERG, MICHAEL N. MARGOLIES, AND EDGAR HABER.......................................................... 1422

COMMUNICATIONS

Detection of Hepatitis A Viral Antigen by Radioimmunoassay. F. BLAINE HOLLINGER, DANIEL W. BRADLEY, JAMES E. MAYNARD, GORDON R. DREESMAN, AND JOSEPH L. MELNICK.......................................................... 1464

ANNOUNCEMENTS................................................................................... 1467