Contents for November

CELLULAR IMMUNOLOGY

1429 Characterization of Lymphocyte Inhibition by Supernatants of Crowded Lymphocytoblasts. Stanley S. Green and Richard Wistar, Jr.

1434 A Human T-Independent B Lymphocyte Mitogen Extracted from Nocardia opaea. Jean Brochier, Constantin Bona, Rita Ciobaru, Jean-Pierre Revillard, and Louis Chedid

1464 Interaction of K Lymphocytes with Myeloma Proteins of Different IgG Subclasses. Hans L. Spiegelberg, Hedwig Perlmann, and Peter Perlmann

1503 Identification of Multiple Cytolytic Components Associated with the β-LT Class of Lymphotoxins Released by Mitogen-Activated Human Lymphocytes in Vitro. John C. Hiserodt, Daryl S. Fair, and G. A. Granger


1527 Anti-immunoglobulin Stimulation of Murine Lymphocytes. II. Identification of Cell Surface Target Molecules and Requirements for Cross-Linkage. Howard L. Weiner, John W. Moorhead, Karen Yamaga, and Ralph T. Kuba

1538 The T Cell Dependence of B Cell Differentiation Induced by Pokeweed Mitogen. Richard G. Keightley, Max D. Cooper, and Alexander R. Lawton

1594 The Induction and Regulation of Guinea Pig B Lymphocyte Proliferation in Vitro. Peter E. Lipsky and Alan S. Rosenthal

1603 Analysis of the Cross-reactive Immune Suppression Induced by the Random Copolymers L-Glutamic Acid5°-L-Tyrosine5° (GT), L-Glutamic Acid5°-L-Alanine5° (GA), and L-Glutamic Acid5°-L-Alanine5°-L-Tyrosine10° (GAT). Carl Waltenbaugh, Patrice Debré, and Baruj Benacerraf

1608 Regulation of the Primary Immune Response in Vivo by Parathyroid Hormone. S. H. H. Swierenga, J. P. MacManus, B. M. Braceland, and T. Youdale

1618 Ontogeny of the Antibody-Forming Cell Line in Mice. II. Maturation of B Cells during Fetal Development. Yvonne J. Rosenberg and Alastair J. Cunningham

1622 Hapten-Specific IgE Antibody Responses in Mice. V. Differential Resistance of IgE and IgG B Lymphocytes to X-Irradiation. David A. Fox, Nicholas Chiorazzi, and David H. Katz

1629 Hapten-Specific IgE Antibody Responses in Mice. VI. Selective Enhancement of IgE Antibody Production by Low Doses of X-Irradiation and by Cyclophosphamide. Nicholas Chiorazzi, David A. Fox, and David H. Katz

1644 Suppression of in Vitro Lymphocyte Stimulation in Mice by Uterine and Placental Extracts. Nicola M. Kouattab, Arnold K. Fowler, James E. Strickland, and Alfred Hellman

1651 Guinea Pig Lymphocyte-Derived Macrophage Aggregation Factor: Its Separation from Macrophage Migration Inhibitory Factor. Arnold E. Postlethwaite and Andrew H. Kang

1656 The Involvement of Cyclic Nucleotide Metabolism in the Initiation of Lymphocyte Proliferation Induced by Mitogens. James Watson

1711 Carrier-Dependent Selection of Antibody Clones and Classes during the Immune Response. H. Kolb

1716 Characterization of Macrophage Migration Inhibitory Factor Activity Produced in Vivo by a Cell-Mediated Immune Reaction in the Guinea Pig. Arnold E. Postlethwaite, Alexander S. Townes, and Andrew H. Kang

1721 Antibody-Mediated Basophil Accumulations in Cutaneous Hypersensitivity Reactions of Guinea Pigs. Philip W. Askenase, J. David Haynes, and Betty J. Hayden

CLINICAL IMMUNOLOGY

1472 The Effector Cells in Human Peripheral Blood Mediating Mitogen-Induced Cellular Cytotoxicity and Antibody-Dependent Cellular Cytotoxicity. David L. Nelson, Bonita M. Bundy, Howard E. Pitchon, R. Michael Blaese, and Warren Strober


1705 The Inhibition of Initial Steps of Lymphocyte Transformation by Cytochalasin B. Klaus Resch, Marlot Prester, Ernst Ferber, and Erwin W. Gelfand

1731 Identification of T and B Cell Subpopulations in Human Peripheral Blood: Electrophoretic Mobility Distributions Associated with Surface Marker Characteristics. Joel H. Kaplan and E. E. Uzgiris
IMMUNOCHEMISTRY


1482 Cell Membrane Antigen Isolation with the Staphylococcal Protein A-Antibody Adsorbent. Steven W. Kessler

1491 Investigations of the Complement-Fixing Sites of Immunoglobulins. Brian J. Johnson and Kenneth E. Thames

1567 B Cell Differentiation Induced by Lipopolysaccharide. IV. Development of Immunoglobulin Class Restriction in Precursors of IgG-Synthesizing Cells. John F. Kearney, Max D. Cooper, and Alexander R. Lawton

1573 Disparity of IgE Binding between Normal and Tumor Mouse Mast Cells. Guillermo R. Mendoza and Henry Metzger


1507 Characterization of a Constitutive Variant of the Murine Serum Protein Allotype, Slp. Ted H. Hansen and Donald C. Shreffler

1514 Mapping of the Genetic Control of Murine Response to Low Doses of the Dinitrophenyl Conjugates of Ovomucoid and Bovine γ-Globulin. John H. Freed, Beverly D. Deak, and Hugh O. McDevitt

1532 Relationship between β2-Microglobulin and Cell-Surface Alloantigens of the Mouse. Roy Geib, Miroslav D. Poulak, Ellen S. Vitetta, J. F. Kearney, and Jan Klein


1579 Cell Surface Immunoglobulin. XIX. Susceptibility of IgD and IgM on Murine Splenocytes to Cleavage by Papain. Ellen S. Vitetta and Jonathan W. Uhr

1584 Relationship of Functional Levels of Early Components of Complement to the H-2 Complex of Mice. Margaret B. Goldman and John N. Goldman

1589 Isolation and Characterization of Human C5a Anaphylatoxin. I. Chemical Description of the Carbohydrate and Polypeptide Portions of Human C5a. Horacio N. Fernandez and Tony E. Hugli

1595 Hapten-Sandwich Labeling. III. Bifunctional Reagents for Immunospecific Labeling of Cell Surface Antigens. Salvatore Cammisuli and Leon Wofsy

IMMUNOGENETICS AND TRANSPLANTATION

1456 Genetic Control of Ligand-Induced Events in B Lymphocytes. Robert J. Fram, Charles L. Sidman, and Emil R. Unanue


1507 Characterization of a Constitutive Variant of the Murine Serum Protein Allotype, Slp. Ted H. Hansen and Donald C. Shreffler

1514 Mapping of the Genetic Control of Murine Response to Low Doses of the Dinitrophenyl Conjugates of Ovomucoid and Bovine γ-Globulin. John H. Freed, Beverly D. Deak, and Hugh O. McDevitt

1532 Relationship between β2-Microglobulin and Cell-Surface Alloantigens of the Mouse. Roy Geib, Miroslav D. Poulak, Ellen S. Vitetta, J. F. Kearney, and Jan Klein


IMMUNOPATHOLOGY

1447 Thyroid Antibodies in Spontaneous Autoimmune Thyroiditis in the Buffalo Rat. Bernice Noble, Takeshi Yoshida, Noel R. Rose, and Pierluigi E. Bigazzi

1545 Serotonin-Induced Production of a Monocyte Chemotactic Factor by Human Peripheral Blood Leukocytes. Kenneth A. Foon, Sharon M. Wahl, Joost J. Oppenheim, and David L. Rosenstreich


TUMOR IMMUNOLOGY

1612 Synergism between Immune Complexes and Serum from Tumor-Bearing Mice in the Suppression of Mitogen Responses. Douglas G. Kilburn, Maureen Fairhurst, Julia G. Levy, and Richard B. Whitney

ERRATA

1721 Antibody-Mediated Basophil Accumulations in Cutaneous Hypersensitivity Reactions of Guinea Pigs. Philip W. Askenase, J. David Haynes, and Betty J. Hayden

1731 Identification of T and B Cell Subpopulations in Human Peripheral Blood: Electrophoretic Mobility Distributions Associated with Surface Marker Characteristics. Joel H. Kaplan and E. E. Uzgiris

1741 Author Index