Contents for November

IMMUNOCHEMISTRY

Reconstitution from Subunits of the Hapten Binding Sites and Idiotype Determinants of Mouse Anti-Phosphorylcholine Myeloma Proteins. ALAN SHER, EDITH LORD AND MELVIN COHN 1226

Purification of the First Component of Human Complement by Affinity Chromatography on Human γ-Globulin Linked to Sepharose. DAVID H. BING 1243


Dual Pathways of Complement Interaction with Guinea Pig Immunoglobulins. ANN L. SANCHEZ AND ABRAHAM G. OSLER 1268

Characterization of a Soluble Nuclear Ribonucleoprotein Antigen Reactive with SLE Sera. MARTHA MATTIOLI AND MORRIS REICHLIN 1281

Purification of the First Component of Human Complement by Affinity Chromatography on Human γ-Globulin Linked to Sepharose. DAVID H. BING 1243


Dual Pathways of Complement Interaction with Guinea Pig Immunoglobulins. ANN L. SANCHEZ AND ABRAHAM G. OSLER 1268

Characterization of a Soluble Nuclear Ribonucleoprotein Antigen Reactive with SLE Sera. MARTHA MATTIOLI AND MORRIS REICHLIN 1281

IMMUNOGENETICS

Inheritance and Strain Distribution of a Rat Immunoglobulin Allotype. GEORGE A. GUTMAN AND IRVING L. WEISSMAN 1390

CELLULAR IMMUNOLOGY


Direct Observations on the Effect of "Proliferation Inhibitory Factor" on the Clonal Growth of Target Cells. ALISON M. BADGER, SIDNEY R. COOPERBAND AND JON A. GREEN 1259

Antibody Response in Genetically Thymus-less Nude Mice Injected with Normal Thymus Cells. BERENICE KINDRED 1291

A Factor in Maternal Plasma during Pregnancy that Suppresses the Reactivity of Mixed Leukocyte Culture. SHINPEI KATSUKURU 1296

Studies on Rabbit Lymphocytes in Vitro. XIV. Fractionation of Rabbit Periphreal Blood Lymphocytes by Antibody-Coated Polyacrylamide Beads. STEWART SELL AND TEISA AN 1302

Effect of Blocking Cell Receptors on An Immune Response Resulting from in Vitro Cooperation between Thymocytes and Thymus-Independent Cells. G. DONIA, G. AGAROSI AND S. DI PIETRO 1314


 Fate and Immunogenicity of Antigens Endocytosed by Macrophages: A Study Using Foreign Red Cells and Immunoglobulin G. ANDRE CRUCHAUD AND EMIL R. UNANUE 1329

Effect of Antigen Variation on Production of Antibody in Canine Tracheal Secretions. PHILLIP LIEBERMAN, ROY PATTEN, VERNON PETERSON, LAWRENCE W. CHAKRIN, ROBERT W. SMITH AND JOHN RICKS 1349

Effect of Age upon Primary Allograft Recognition by Mouse Spleen Cells. WILLIAM H. ADLER, TOMO TAKAUCHI AND RICHARD T. SMITH 1357

Immunobiology of Human Lymphoid Cell Lines. I. Immunoglobulin Biosynthesis in Cultures from Hypogammaglobulinemias and Paraproteinemias. DANIEL P. NITTE, ALAN S. LEVIN, KAY E. AUSTIN AND H. HUGH FUDENBERG 1376
Contents continued

Transformation of Lymphocytes from Animals Sensitized to *Trichinella spiralis*.
C. W. KIM, M. P. JAMUAR AND L. D. HAMILTON ........................................ 1382
Bone Marrow-Derived Cells as Target Cells for Polynucleotide Adjuvants. P. A.
CAMPBELL AND P. KIND ........................................................................... 1419
Antibody Production in Normal Children Receiving Penicillin at Birth. MICHAEL
J. FELDNER, MARIA V. KLAUS, RUDOLF L. BAEZ AND AARON R. RAUSEN .......... 1440

**IMMUNOPATHOLOGY**

Acute Viral Infection: Tissue Injury Mediated by Anti-Viral Antibody Through a
Complement Effector System. MICHAEL B. A. OLDESTONE AND FRANK J. DIXON. 1274
Induction of Thyroiditis in the Rabbit by Intravenous Injection of Papain-Treated
Rabbit Thyroglobulin. CHARLES L. ANDERSON AND NOEL R. ROSE ............... 1341

**MICROBIAL AND VIRAL IMMUNOLOGY**

Herpesvirus Neutralization: The Role of Complement. CRAIG WALLIS AND JOSEPH
L. MELNICK .................................................................................................. 1235
Immunosuppression by Leukemia Viruses. VII. Stimulatory Effects of Friend
Leukemia Virus on Pre-Existing Antibody-Forming Cells to Sheep Erythrocytes
and *Escherichia coli* in Non-Immunized Mice. SHINJI HIRANO, HERMAN FRIED-
MAN AND WALTER S. CEGLOWSKI ................................................................ 1400
Effect of Selected Lipids and Surfactants on Immunogenicity of Several Bacterial
Antigens. MANJUL K. AGARWAL AND E. NETER ........................................ 1448
Immune Fever in the Rabbit: Responses of the Hematologic and Complement
Systems. IRA H. MICKENBERG, RALPH SNYDERMAN, RICHARD K. ROOT, STEPHEN
E. MERGENHAGEN AND SHELDON M. WOLFF ........................................ 1457
The Relationship of Complement Consumption to Immune Fever. IRA D. MICKEN-
BERG, RALPH SNYDERMAN, RICHARD K. ROOT, STEPHEN E. MERGENHAGEN AND
SHELDON M. WOLFF .................................................................................. 1466

**COMMUNICATIONS**

Schistosomal Egg Antigen-Induced Lymphocyte Blastogenesis in Experimental
Murine *Schistosoma mansoni* Infection. DANIEL G. COLLEY .......................... 1477
Aleutian Disease of Mink: Detection of Large Quantities of Complement-Fixing
Antibody to Viral Antigen. T. C. McGUIRE, T. B. CRAWFORD, J. B. HENSON
AND J. R. GORHAM .................................................................................. 1481
Release of Macrophage Migration Inhibitory Factor by Virus-Infected Spleen Cells.
DAVID G. TUBERGEN AND MICHAEL B. A. OLDESTONE ............................... 1483
7S IgM and IgA Influenza Fluorescent Antibodies in Serum. GORDON C. BROWN
AND THERESA P. O'Leary .......................................................................... 1486
Inhibition of Lymphocyte Stimulation by Cyclic and Non-Cyclic Nucleotides.
GREG ESTES, SOLOMON S. SOLOMON AND WALTER L. NORTON ............... 1489
Enhancement of Hemolytic Complement Activity by Treatment of Human Serum
with Iodine. MARGARET J. POLLEY ......................................................... 1493
Neoantigenic Expressions Engendered by Plasmin Cleavage of Fibrinogen. EDWARD
P. FLOW, CECIL HOGUE AND THOMAS S. EDGINGTON ............................... 1496
Membrane Immunoglobulins of Lymphocytes in NZB Mice. NIRMALA BHOOPALAM,
VINCENT J. YAKULIS, NICHOLAS COSTEA AND PAUL HELLER ....................... 1501

**ERRATUM**

In "Macrophage-Antigen Interaction: Uptake, Metabolism and Immunogenicity of
Foreign Albumin" by Jon R. Schmidtke and Emil R. Unanue in the August 1971 is-
sue of the Journal of Immunology, Volume 107, Number 2, page 336, Figure 3, the
description on each side of the graph should read nHSA rather than Δ HSA.