THE JOURNAL OF IMMUNOLOGY®
Contents for October

IMMUNOCHEMISTRY


Peptides from the Site of Rabbit Antibody: Anti-3-Azopyridine Antibody. Bernard Friedenson, Yasushi Takeda, Oliver A. Roholt and David Pressman. 957


Comparative Immunologic Studies on Fish and Invertebrate Collagens. W. Meigel, B. Pontz, R. Timpl, F. Hieber, A. Nordwig, C. Steffen and K. Kuhn. 1146

Univalent Arsanilic Acid Derivatives as Elicitors of Passive Cutaneous Anaphylaxis. Leon W. Ioossenberg, Alfred A. Amkraut, Richard B. Corp and Sidney Raffel. 1175

CELLULAR IMMUNOLOGY

Response of Canine Fetuses and Neonates to Antigenic Stimulation. Moshe Shifrine, J. B. Smith, Marie S. Bulgin, B. J. Bryant, Yuan-Chang Zee and B. I. Osburn. 965

Mechanisms of Passive Sensitization. II. Presence of Receptors for IgE on Monkey Mast Cells. Hisao Tomioka and Kimishige Ishizaka. 971

The Use of Human F(ab')2 Fragments as Blocking Agents in the Mixed Lymphocyte Reaction. M. O. Hornung, E. Layne and J. C. McDonald. 979

The Isotopic Antiglobulin Assay: Application to the Study of Hybrid Cell Membranes. M. C. Rechsteiner. 985

Antibody Formation by Spleen Cells of Immunologically Tolerant Mice Stimulated with Antigen-Antibody Complexes. Claudio Intini, Diego Segre, Mariangela Segre and Walter L. Myers. 1014


Cyclic AMP and Immune Responses. II. Phosphodiesterase Inhibitors as Potentiators of Polynucleotide Effects on Antibody Formation. Werner Braun and Masaaki Ishizuka. 1036


Suppression of Antibody Synthesis. II. The Effect of Carrier-Specific Cells upon Haptenic Competition. Anthony S. Fauci and John S. Johnson. 1057


Alterations in the Antibody Response to Bovine Serum Albumin by Capsular Polysaccharide of Klebsiella pneumoniae. Isumi Nakashima, Takashi Kobayashi and Nori Kato. 1112

Regulation of Homocytotropic Antibody Formation in the Rat. V. Cell Cooperation in the Anti-Hapten Homocytotropic Antibody Response. Tomio Tada and Ko Okumura. 1137

Antigen-Binding Cells. I. Their Identification and Role in the Immune Response. E. R. Unanue. 1168

IMMUNOPATHOLOGY
Spontaneous Thyroiditis in the Obese Strain of Chickens. VI. Thyroxine-Binding Antibodies. Lars-A. Nilsson, Noel R. Rose and Ernest Wittebsky. 997

Hemolytic Anemia in Agranulocyticemic Chickens: A Model of "Autoimmune" Disease in Immune Deficiency. Paul L. Weiden and R. Michael Blaese. 1004

The Immediate Allergic Response: In Vitro Separation of Antigen Activation, Decay and Histamine Release. Lawrence M. Lichtenstein. 1122

Continued
Contents continued

The Immediate Allergic Response: In Vitro Action of Cyclic AMP-Active and Other Drugs on the Two Stages of Histamine Release. LAWRENCE M. LICHTENSTEIN AND ROBERT DEBERNARDO ................................................... 1131

Immunologic Investigations of Naturally Occurring Canine Thyroiditis. GERALD J. MIZEJEWSKI, JENNIFER BARON AND GERALD POISSANT ................. 1152

MICROBIAL AND VIRAL IMMUNOLOGY

Delayed Hypersensitivity to Ribosomal Protein from BCG. L. ORTIZ-ORTIZ, E. B. SOLAROLO AND L. F. BOJALIL ................................................ 1022

Procholeragenoid: An Aggregated Intermediate in the Formation of Choleragenoid. RICHARD A. FINKELSTEIN, KOICHIRO FUJITA AND JOSEPH J. LoSPALUTO 1043

Immunity to Hemophilus influenzae Type b. I. The Isolation, and Some Physicochemical Serologic and Biologic Properties of the Capsular Polysaccharide of Hemophilus influenzae Type b. LOUIS P. RODRIGUES, RACHEL SCHNEERSON AND JOHN B. ROBBINS .......................................................... 1071

Immunity to Disease Caused by Hemophilus influenzae Type b. II. Specificity and Some Biologic Characteristics of "Natural," Infection-Acquired, and Immunization-Induced Antibodies to the Capsular Polysaccharide of Hemophilus influenzae Type b. RACHEL SCHNEERSON, LOUIS P. RODRIGUES, J. C. PARKE, JR., AND JOHN B. ROBBINS ....................................................... 1081

Assay of Australia Antigen and Antibody Employing Double-Antibody and Solid-Phase Radioimmunoassay Techniques and Comparison with the Passive Hemagglutination Methods. F. BLAINE HOLLINGER, VANCE VORNDAM AND GORDON R. DREESMAN ................................................................... 1099

Local Immunologic Response to Immunization with Inactivated Newcastle Disease Virus. ZICHRIYA ZAKAY-RONES, R. LEVY AND G. SPIRA .......... 1180

COMMUNICATIONS

Effects of Intraperitoneal Thymus Graft on Hemolytic Plaque Formation. AKIKAZU TAKADA, YUMIKO TAKADA AND JULIAN L. AMBRUS 1185

Comparison of the Effect of Elastase on Human Secretory IgA and Serum IgA. ANNE TAX AND LEONHARD KORNGOLD ................................................ 1189

Spontaneous Renal Lesions and Glomerular Deposits of IgG and Complement in Guinea Pigs. RAYMOND W. STEBLAY AND ULRICH RUDOFFSKY 1192

Removal of Neuraminic Acid from H-2 Alloantigens without Effect on Antigenic Reactivity. AKIRA SHIMADA AND STANLEY G. NATHENSON 1197

Functional Relationship of Factor B in the Properdin System to C3 Proactivator of Human Serum. IRA GOODKOFSKY AND IRWIN H. LEPOW 1200

Antiserum to a Soluble Lymphoid Membrane Preparation Stimulates Human Leukocyte DNA Synthesis. ALBERT B. EINSTEIN, JR., DEAN L. MANN, SUSAN FICKER AND WILLIAM D. TERRY 1205

Erythrocyte-Bound C5 and C6 in Autoimmune Hemolytic Anemia. ROBERT O. KERR, AGUSTIN P. DALMASSO AND MANUEL E. KAPLAN ......... 1209

Species Distribution of J Chain. P. F. WEINHEIMER, J. MESTECKY AND R. T. ACTON 1211