THE JOURNAL OF IMMUNOLOGY

Contents for August

Immune Hemolysis: A Simplified Method for the Preparation of EAC'4 with Guinea Pig or Human Complement. TIBOR BORSOS AND HERBERT J. RAPP.................. 263

Human Reactions to Staphylococcal Antigens: A Possible Role of Leukocyte Lysosomal Enzymes. R. RUSSELL MARTIN, JACKSON G. CROWE AND ARTHUR WHITE.............................................. 269

California Group Arboviruses: Immunodiffusion Studies. FREDERICK A. MURPHY AND PHILIP H. COLEMAN............................................................... 276

A Plaque Reduction Test for Dengue Virus Neutralizing Antibodies. PHILIP K. RUSSELL, ANANDA NISALAK, PAIRATAN SUKHAVACHANA AND STEFANO VIVONA..... 285

Dengue Virus Identification by the Plaque Reduction Neutralization Test. PHILIP K. RUSSELL AND ANANDA NISALAK...................................................... 289

Rhinovirus Neutralizing Antibody in Tears, Parotid Saliva, Nasal Secretions and Serum. R. GORDON DOUGLAS, JR., ROGER D. ROSEN, WILLIAM T. BUTLER AND ROBERT B. COUCH.................................................. 297

False Positive Radio-Immunoaustograph Lines Associated with Immunoglobulins from Normal Sera. PERCY MINDEN, HOWARD M. GREY AND RICHARD S. FARR.............. 304

Production of Immunoglobulins and Their Subunits by Human Tissue Culture Cell Lines. J. D. WAKEFIELD, G. J. THORNECKE, L. J. OLD AND E. A. BOYSE............ 308

Ontogeny of the Immune Response IV. The Role of Antigen Elimination in the True Primary Immune Response in Germfree, Colostrum-Deprived Piglets. YOON BERK KIM, S. GAYLEN BRADLEY AND DENNIS W. WATSON.......................... 320

Effects of Actinomycin D on the Primary Hemolysin Response in Rats. DIMTRIT ET M. ČUKOVIĆ AND MIROSLAV M. SIMIĆ........................................... 327

Changes in Erythrocyte I Agglutinogen and Anti-I Agglutinins during Mycoplasma pneumoniae Infection in Man. CHARLES B. SMITH, MARY H. McGINNIS AND PAUL J. SCHMIDT........................................................................................................... 333

Studies on Human Lymphocytes in Vitro. IV. Comparative Fine Structural Features of the Established Burkitt Lymphoma Cell Lines AL-1, EB-2 and Phytoiitogen-Transformed Lymphocytes. STEVEN D. DOUGLAS, JAN BORJESON AND LAWRENCE N. CHESSIN................................................................. 340

Hypersensitivity to Ascaris Antigens. II. The Skin-Sensitizing Properties of 7 S ½ Antibody from Sensitized Guinea Pigs as Tested in Guinea Pigs. GILL STRZEJAN AND DAN H. CAMPBELL.............................................. 347

Induction, Maintenance and Termination of Immunologic Unresponsiveness to Bovine Thyroglobulin in Rabbits. ROBERT M. NAKAMURA AND WILLIAM O. WEIGLE.......................................................... 357

Delayed Contact Sensitivity to Catechols. II. Cutaneous Toxicity of Catechols Chemically Related to the Active Principles of Poison Ivy. HAROLD BAER, ROY C. WATKINS, A. PETER KURTZ, JOSEPH S. BYCK AND CHARLES R. DAWSON.................. 365

Delayed Contact Sensitivity to Catechols. III. The Relationship of Side-Chain Length to Sensitizing Potency of Catechols Chemically Related to the Active Principles of Poison Ivy. HAROLD BAER, ROY C. WATKINS, A. PETER KURTZ, JOSEPH S. BYCK AND CHARLES R. DAWSON........................................... 370

Plasma Protein Constituents of Amyloid Fibrils. EDGAR S. CATHERCART, FRANK A. WOLLHEIM AND ALAN S. COHEN.................................................. 376

Comparison of Ability of Defective Foreign Genomes (Para and Mac) Carried by Human Adenoviruses to Induce SV40 Transplantation Immunity. FRED RAPP, JANET S. BUTEL, SATVIR S. TEVETHA AND JOSEPH L. MELNICK.................... 386

Contents continued on next page
The Effect of Antigenic Competition on Antibody Production to Heterologous Proteins, Termination of Immunologic Unresponsiveness and Induction of Autoimmunity. WILLIAM O. WEIGLE AND GLORIA J. HIGH .......................................................... 392

Density Gradient Centrifugation Studies on Rubella Complement-Fixing Antigens. NATHALIE J. SCHMIDT, EDWIN H. LENNETTE AND JUANITA DENNIS.......................... 399

Presence of Kappa and Lambda Light Chain Determinants in 3 S γ1-Globulins of Pooled Normal Human Plasma. RALPH C. WILLIAMS, JR. AND KARL SCHMID ...... 406

Factors Affecting the Reactivity of Human Lymphocytes in Vitro. I. Cell Number, Duration of Culture and Surface Area. JOHN F. MOORHEAD, JOHN J. CONNOLLY AND WILLIAM McFARLAND......................................................... 413


A Comparison of the Antigenic Properties of Nucleus Pulposus and Cartilage Protein Polysaccharide Complexes. ARSEN M. PANKOVICH AND LEONHARD KORNGOLD ........ 431

Suppression of Transferred Allogeneic Spleen Cells in the Mouse: Active Induction and Passive Transfer by Antiserum. T. N. HARRIS, SUSANNA HARRIS AND MIRIAM B. FARBER ................................................................. 438

In Vitro Demonstration of Suppressive Antibody in Mouse Antisera Vs. Allogeneic Spleen Cells. SUSANNA HARRIS, T. N. HARRIS AND CLIFTON A. OGBURN .............. 447

Purification by Starch Block Electrophoresis of Renal Antigen That Induces Nephrotoxic Antibody. SEICHI SHIBATA, TAKUJI NARUSE, TOSHIHIKO NAGASAWA, TAKEHIDE TAKUMA AND YUZO MIYAKAWA ......................................................... 454

Notation for Human Immunoglobulin Subclasses. JOHN L. FAHEY, EDWARD C. FRANKLIN, HENRY G. KUNKEL, ELLIOTT F. OSSERMAN AND WILLIAM D. TERRY ...... 465

Errata .................................................................................................................. 466