Contents for July

CELLULAR IMMUNOLOGY

Regulation of Antibody Response in Vitro. V. Effect of Carrier-Specific Helper Cells on Generation of Hapten-Specific Memory Cells of Different Immunoglobulin Classes. Tadamitsu Kishimoto and Kimishige Ishizaka .................................. 1
Antigen-Induced Proliferation of Guinea Pig Lymphocytes in Vitro: Obligatory Role of Macrophages in the Recognition of Antigen by Immune T-Lymphocytes. James A. Waldron, Jr., Robert G. Horn, and Alan S. Rosenthal .... 58
Cellular Requirements for Development of Primary Anti-Hapten Antibodies in Mice. Harry G. Bluestein and Carl W. Pierce ......................... 137
Studies on Rabbit Lymphocytes in Vitro. XVI. Restimulation of Antiallotypically Stimulated and Blocked Cultures. Stewart Sell, Jennifer A. Lowe, and P. G. H. Gell ............................................................... 144
The Role of Antigenic Determinants in the Control of IgM and IgG Antibody Responses to Denatured DNA. Ruben Gruenberg and B. David Stollar 106
Denaturation of Lysozyme by Freund's Complete Adjuvant. Robert J. Scienski 114
Immune Response of Mice to Nucleic Acids: Strain-Dependent Differences in Magnitude and Class of Antibody Production. B. David Stollar, Sara Fuchs, and Edna Mozes ......... 121

IMMUNOGENETICS AND TRANSPLANTATION

The Importance of Chimerism in Maintaining Tolerance of Skin Allografts in Mice. David M. Lubaroff and Willy K. Silvers ........................................ 65
Genetics of the Immune Response. II. Inheritance of Antibody Specificity to Lipo polysaccharides in Mice. Raimund Di Paoli 82
Genetic Control of Immune Response toward the Loop Region of Lysozyme. Elchanan Maron, Howard I. Scher, Edna Mozes, Ruth Arnon, and Michael Sela 101

Continued
IMMUNOPATHOLOGY

Immunologic Release of Histamine and Slow Reacting Substance of Anaphylaxis from Human Lung. V. Effects of Prostaglandins on Release of Histamine. ALFRED I. TAUBER, MICHAEL KALINER, DANIEL J. STECHSCHULTE, and K. FRANK AUSTEN. .......................................................... 27

Lysosomal Enzyme Release from Human Leukocytes: Mediation by the Alternate Pathway of Complement Activation. IRA M. GOLDSTEIN, MELCHIORRE BRAI, ABRAHAM G. OSLER, and GERALD WEISSMANN. ......................................................... 33

Myelination Inhibition Factor: Its Absence in Sera from Subhuman Primates Sensitized with Myelin Basic Protein. FREDRICK J. SELZ, HELENE C. RAUCH, ELIZABETH ROBOE EINSTEIN, and ANN E. HAMILTON. ................................................ 96

The Role of the Inflammatory Response of Skin and Lymph Nodes in the Induction of Sensitization to Simple Chemicals. MITCHELL H. FRIEDLAENDER, FRANCIS V. CHISARI, and HAROLD BAER. .................................................. 164

Hypersensitivity to Ascaris Antigens. VIII. Characterization of a Highly Purified Allergen. RABIA HUSSAIN, SUSAN M. BRADBURY, and GILL STREJAN. .................................................. 260

TUMOR IMMUNOLOGY

Effects of Pyran Copolymer on Leukemogenesis in Immunosuppressed AKR Mice. MARTIN S. HIRSCH, PAUL H. BLACK, MARY L. WOOD, and ANTHONY P. MONACO... 91

VIRAL AND MICROBIAL IMMUNOLOGY


Intracellular Localization of Mammalian Type C Virus Species-Specific (gs-1) and Interspecies-Specific (gs-3) Antigenic Determinants with the Indirect Immunoperoxidase Technique and Light Microscopy. ANTHONY GIRARDI, BERGE HAMPAR, KONRAD C. HSU, STEPHAN OROSZLAN, ELIZABETH HORNBERGER, GARY KELLOFF, and RAYMOND V. GILDEN. .................................................. 152

Induction of Systemic Delayed Hypersensitivity during Experimental Viral Infection of the Respiratory Tract with a Myxovirus or Paramyxovirus. ROGER E. WETHERBEE. .................................................. 157

Immunoglobulin Response in Experimental Infection with Cell Free and Cell Associated Marek's Disease Virus. R. M. JAKOWSKI, T. N. FREDRICKSON, and R. E. LUGINBUHL. .................................................. 238

Cross-Reactions among Group A Streptococci. IV. Extraction, Separation and Purification of Two Protective Antigens of Type Gi Coci. T. TIMOTHY MYODA, GROVE G. WILEY, and PAULINE N. BRUNO. .................................................. 249

COMMUNICATIONS

Position of the Selective Peptic Cleavage of a Human d-Chain between the V and C Domains. BYEONG KUK SEON, ALLAN L. GROSSBERG, OLIVER A. ROHOLT, and DAVID PRESSMAN. .................................................. 269


T Cells Can Bind Antigen via Cytophilic IgM Antibody Made by B Cells. SUSAN R. WEBB AND MAX D. COOPER. .................................................. 275

Water Buffalo Blood Groups. IV. Antigenic Determinant Located Beneath the Surface of Red Cells. D. IANNELLI, T. M. BETTINI, and U. ORESTE. .................................................. 278

Serologic Assay of HL-A Antigens in the Presence of Detergents. JEFFREY R. DAWSON, SANDRA S. SHASSBY, and D. BERNARD AMOS. .................................................. 281

Protection of Adult Mice Against Tumor Challenge by Immunization with Irradiated Adult Skin or Embryo Cells. AARON BENDICH, ELLEN BORENFREUND, and ELLIOTT H. STONEHILL. .................................................. 284

SPECIAL ARTICLE

Abstracts of the Fifth International Complement Workshop, Hotel Del Coronado, Coronado, California, February 23–25, 1973. .................................................. 286

ANNOUNCEMENT

A new section, "Letters," will be added as a regular part of the Journal of Immunology to provide readers and authors a forum for discussion of scientific material appearing in the Journal. The reader will have the opportunity to comment on, add information to, or point out differences from published articles, and the authors will be given the opportunity for response. Letters should be lucid, germane, and succinct (preferred length, 250 words or less). They will be selected on the basis of their interest, relevancy and importance of subject matter, and will be altered by the Editors if necessary, to improve understanding and style.