<table>
<thead>
<tr>
<th>CONTENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distribution of the Human Rho(D) Antigen in the Red Cells of Non-Human Primates S. P. Masouredis, Mary Edith Dupuy and Margaret Elliot</td>
</tr>
<tr>
<td>Studies on Human Peripheral Blood Lymphocytes <em>in Vitro</em>: III. Fine Structural Features of Lymphocyte Transformation by Pokeweed Mitogen. Steven D. Douglas, Peter F. Hoffman, Jan Borjeson and Lawrence N. Chessin</td>
</tr>
<tr>
<td>Immunologic Relationship between Blood Group Substances and a Fucose-Containing Glycolipid of Human Adenocarcinoma. Sen-Itiroh Hakomori, Jerzy Kosciejla, Kurt J. Bloeh and Roger W. Jeanloz</td>
</tr>
<tr>
<td>Demonstration of Tissue-Specific Soluble Antigens in Human Skin by Immunodiffusion. Toshiyuki Aoki and Tokui Fujinami</td>
</tr>
<tr>
<td>The Pathogenesis of Theiler's GD VII Encephalomyelitis Virus Infection in Mice as Studied by Immunofluorescent Technique and Infectivity Titrations. Chien Liu, Julius Collins and Eleanor Sharp</td>
</tr>
<tr>
<td>The <em>in Vitro</em> Absorption of Anti-Brain Radioantibodies with Brain Sediments: Some Unusual Properties and a Quantitative Method. Eugene D. Day and Sylvester Lassiter</td>
</tr>
<tr>
<td>Hereditary Deficiency of the Second Component of Complement (C'2) in Man: Further Observations on a Second Kindred. Martin R. Klemperer, K. Frank Austen and Fred S. Rosen</td>
</tr>
<tr>
<td>Reversal of Post-Thymectomy Wasting Disease in Mice by Multiple Thymus Grafts. Osias Stutman, Edmond J. Yunis, Carlos Martinez and Robert A. Good</td>
</tr>
<tr>
<td>Quantitative Hemadsorption, a New Assay Technique. II. Assay of Neutralizing Antibodies to Hemadsorbing Viruses. N. B. Finter</td>
</tr>
<tr>
<td>Bacteriophage Neutralizing Activity of Fragments Derived from Rabbit Immunoglobulin by Papain Digestion. G. W. Stemke and E. S. Lennox</td>
</tr>
<tr>
<td>Agglutination of Particulate Antigens in Agar Gel. Felix Milgrom and Ulana Loza</td>
</tr>
<tr>
<td>Runt Diseases Induced by Non-Living Bacterial Antigens. Richard D. Ekstedt and Lawrence L. Hayes</td>
</tr>
<tr>
<td>Complement Associated Peptidase Activity of Guinea Pig Serum. I. Role of Complement Components. Neil R. Cooper and Elmer L. Becker</td>
</tr>
<tr>
<td>Complement Associated Peptidase Activity of Guinea Pig Serum. II. Role of a Low Molecular Weight Enhancing Factor. Neil R. Cooper</td>
</tr>
<tr>
<td>Rabbit γA- and γM-Immunoglobulins with Allotypic Specificities Controlled by the a Locus. Edward A. Lichter</td>
</tr>
<tr>
<td>Competition between, and Effectiveness of, IgG and IgM Antibodies in Indirect Fluorescent Antibody and Other Tests. Irwin R. Cohen, Leslie C. Norins and Alfredo J. Julian</td>
</tr>
<tr>
<td>Some Observations on the ABO Antigen Sites of the Erythrocyte Membranes of Adults and Newborn Infants. Sol Haberman, Pat Blanton and James Martin</td>
</tr>
<tr>
<td>Streptococcal Related Glomerulonephritis. II. Glomerulonephritis in Rhesus Monkeys Immunologically Induced Both Actively and Passively with a Soluble Fraction from Human Glomeruli. A. S. Markowitz, Raymond Claesen, Bernard D. Nidus and Herman Ainin</td>
</tr>
<tr>
<td>Studies on Immunologic Unresponsiveness during Secondary Disease. II. The Effect of Added Donor and Host Immunologically Competent Cells. John S. Thompson, Eric L. Simmons, Richard H. Moy and Margaret K. Crawford</td>
</tr>
</tbody>
</table>
Gross and Microscopic Skin Reactions to Killed Typhus Rickettsiae in Human Beings. Charles L. Wisseman, Jr., Yehia el Batawi, William H. Wood, Jr. and Antonio R. Noriega........... 194

Notices....................................................................................... 210

NUMBER 2, FEBRUARY 1967

Immunochemical Studies on Delayed and Arthus-Type Hypersensitivity Reactions. I. The Relationship between Antigenic Determinant Size and Antibody Combining Site Size. Stuart F. Schlossman and Herbert Levine........................................ 211
Candida Precipitins. William H. Chew and Thomas L. Theus.................. 211
Studies on the Radiosensitive Phase of the Primary Antibody Response in Rabbits. I. The Role of the Macrophage. James F. Pribnow and Myron S. Silverman.................. 225
Suppression by Antihistamine of Passive Cutaneous Anaphylaxis Produced with Anaphylactic Antibody in the Guinea Pig. Henry Z. Movat, Nancy L. Di Lorenzo, Norton S. Tai-chman, Sam Berger and Howard Stein........................................ 230
An Antigen Common to Mouse Cells and Salmonella typhimurium. William Boyle.................. 255
Application of the Paired Label Radioantibody Technique to Tissue Sections and Cell Smears. Nobuyuki Tanigaki, Yasuo Yagi and David Pressman.................. 274
Antibodies against Human Leukemia Cell Lines. Nobuyuki Tanigaki, Yasuo Yagi, George E. Moore and David Pressman.................. 281
Interaction of Penicillin and Erythrocytes. Alan S. Josephson and Allan P. Kaplan........ 293
Papain Fragmentation of the Subunits of Human Macroglobulin. Kaoru Onoue, Tamamitsu Kishimoto and Yuichi Yamamura........................................ 303
Differentiation of Arboviruses by Immunoelectrophoresis. Raul R. Caudrado and Jordi Casals.......................... 314
The Effect of Estrogenic Hormones on Immune Responses in Normal and Irradiated Mice. John S. Thompson, Margaret K. Crawford, Richard W. Reilly and Charles D. Severson.................. 331
Comparison of the Opsonic Activity of \gamma-G- and \gamma-M-Anti-Proteus Globulins. James W. Smith, Jack A. Barnett, Robert P. May and Jay P. Sanford.................. 336
Detection of Immune Response against Synthetic Polymers of Amino Acids Employing the Plaque-Forming Cell System. I. Reaction with Sheep Erythrocytes Coated with Polymer. Patricia Walsh, Paul Maurer and Marianne Egan.................. 344
Effect of Anticoagulants on Delayed Hypersensitivity Reactions. Stanley Cohen, Baruj Benacerraf, Robert T. McCluskey and Zoltan Ovary.................. 351
Thermostable Brain-Specific Autoantigen. Felix Milgrom, Z. Maide Tuggac, Walter Campbell and Ernest Witebsky........................................ 359
Antibody Response of Rhesus Monkeys to a Density Gradient Purified Murine Leukemia Virus (Rauscher). Louis R. Sibel, Mary Alexander Fink, Carol L. McCune and Carolyn A. Cowles........ 365
Physicochemical and Immunologic Properties of Eluates Containing 1-125 Anti-RhD(D). Susie W. Fung and S. P. Masouredis.................. 374
Similarities between Rabbit Antibodies Produced following Ingestion of Bovine Serum Albumin and following Parenteral Immunization. Richard M. Rothenberg, Sumner C. Kraft and Richard S. Farr.................. 386
Studies Concerning the Importance of Mononuclear Cells in the Development of Experimental Hepatitis. F. Scheiffarth, H. Warnatz and K. Mayer.................. 396
1967] CONTENTS v

Autoradiographic Experiments Concerning the Importance of Mononuclear Cells in Experimental Hepatitis. H. Warnatz, F. Scheiffarth, F. Wolf and H. J. Schmidt ......................... 402
Announcement. A Summer Course in Immunology ............................................. 406

NUMBER 3, MARCH 1967

Suppression of the Primary and Secondary Immune Response of the Mouse by Phyt... 407
The Relationship between Maternal Rh0 Antibody Combining Properties and Severity of Erythroblasto... 425
Immunologic Unresponsiveness to Allergic Thyroidit... 432
Termination of Acquired Tolerance by Administration of Small Lymphocytes. A. Michael Denman, Thomas L. Vischer and Peter Stastny ............................................ 442
Role of the Thymus in Tolerance. V. Suppressive Effect of Treatment with Nonaggregated and Aggregated Bovine γ-Globulin on Specific Immune Responses in Normal Adult Rats. Igal Gery and Byron W. Waksman ... 446
The Binding of Naturally Occurring Anti-B Isohemagglutinins to the B Antigens of Human Erythrocytes. Mary B. Gib... 461
Allergen-Binding Activity of γE, γG and γA Antibodies in Sera from Atopic Patients: In Vitro Measurements of Reaginic Antibody. Kimishige Ishizaka, Teruko Ishizaka and Margaret M. Hornbrook ............................................................................ 490
An Effect upon the Regulation of Gene Expression: Allotype Suppression at the a Locus in Heterozygous Offspring of Immunized Rabbits. Rose Mage, Gwendoly... 502
Antibody Responses in Experimental Infections with Listeria monocytogenes. A. S. Armstrong and C. P. Sword .......................................................... 510
The Nature of C-Reactive Protein in Acute Phase Serum: Evidence for an Equilibrium Form Containing A Mucopolysaccharide of Serum. Y. Hokama, Monroe K. Coleman and Richard F. Riley .............................................................. 521
The Immunologic Properties and Identity of Mucopolysaccharides Associated with C-Reactive Protein in Acute Phase Human Serum. Y. Hokama, Monroe K. Coleman and Richard F. Riley ........... 529
Synthesis of Human Immunoglobulins in Germinal Centers of Lymphoid Organs. Pierre Burtin and Denise Buffe .......................................................................... 536
Immunoochemical Study of Influenza Virus and Associated Host Tissue Components. Calderon Howe, Lucille T. Lee, Arild H报酬... 543
Heterogeneity and Sequence of Appearance of Rabbit Antibodies to Hog Intrinsic Factor. I. Michael Samloff and Eugene V. Barnett .......................................................... 558
Antigenic Analysis of an N-Terminal Fragment of a Type K Bence Jones Protein. Margaret Tan and Wallace Epstein. ........................................................................ 568
Anti-Pasteurella pestis Factor from Mice and Guinea Pigs. II. Some Chemical and Physical Characteristics. Daniel M. Eisler, Beverly Hill, Eleanor K. von Metz, Wei-Jen Chang and Robert J. Heckly ........................................................................ 576
Enhanced Immunologic Sensitization of Mice by the Simultaneous Injection of Antigen and Specific Antiserum. III. The Role of Antigen in Controlling the Immune Response Eluded with Immune Complexes. Geronimo Terres and Sherie Leaver Morrison ........................................... 584
Nonspecific Agglutination of Tanned Sheep Erythrocytes by Heat-Inactivated Mouse Serum Collected from Diluted Blood. J. Munoz. 593
Transplantation Immunity and Delayed Cutaneous Hypersensitivity Reactions in Dogs. J. Wayne Streilein and Clyde F. Barker ...................................................... 601

Nephrototoxic Serum Nephritis in Complement Intact and Deficient Mice. Emil R. Unanue, Michael R. Mardiney, Jr. and Frank J. Dixon ..................................................... 609

Interaction of Rabbit Anti-Human H Chain Sera with Denatured Human $\gamma$-Globulin and its Subunits. Shun-Ichi Hirose and Abraham G. Osler ........................................ 618

Interaction of Rheumatoid Factors with Urea-Denatured Human $\gamma$-Globulin and Its Subunits. Shun-Ichi Hirose and Abraham G. Osler ........................................ 628

Immediate Hypersensitivity Reactions Induced in Mice by Active and Passive Means. J. Munoz ............................................................ 638


NUMBER 4, APRIL 1967

In Vivo Behavior of Homologous and Heterologous Thyroglobulin and Induction of Immunologic Unresponsiveness to Heterologous Thyroglobulin. Robert M. Nakamura and William O. Weigle .............................................................. 653

Complement-Fixing Antibodies in Sera of Sheep Affected with Visna and Medi. Margaret Gudnadottir and Karolina Kristinsdottir ....................................................... 663

Erratum ..................................................................................... 667

Specificity of the Primary and Secondary Antibody Responses to Myxoviruses. Reid Russell Heffner, Jr. and Ann Schlueterberg ...................................................... 668

Heterotypic Serologic Responses after Yellow Fever Vaccination; Detection of Persons with Past St. Louis Encephalitis or Dengue. William L. Pond, N. Joel Ehrenkranz, Joseph X. Danauskas and Mary Jo Carter ........................................................... 673


The Growth of Rubella Virus in Small Laboratory Animals. J. S. Oxford ............................................................ 697


Charcoal as a Carrier in a Rapid Slide Agglutination Test for the Detection of Antibodies to Adenoviruses. Morton Klein, Adamadia DeForest and Jay Satz .............................................................. 707

Electrophoretic Analysis of Polypeptide Chains Isolated from Antibodies in the Serum of Immunized Rabbits. Edward J. Miller, C. Kirk Osterland, Joseph M. Davie and Richard M. Krause .............................................................. 710

Notice ........................................................................................ 715

A Mechanism of Bacterial Interference in Vitro. John C. Ribble .............................................................. 716

Neutralizing and Hemagglutination-Inhibiting Activity of Nasal Secretions following Experimental Human Infection with A2 Influenza Virus. Robert H. Alford, Roger D. Rossen, William T. Butler and Julius A. Kasel .............................................................. 724


Formation and Isolation of Rabbit Antibodies to a Synthetic Antigen of Low Molecular Weight. Felix Borek, Yehudit Stupp and Michael Sela .............................................................. 739

Immunoglobulins of the Rhesus Monkey (Macaca mulatta). I. Antiserum to Bovine Serum Albumin and the Dinitrophenyl Antigenic Determinant. James D. Lakin, Roy Patterson and Jacob J. Pruzansky .............................................................. 745

Quantitative Hemagglutination Studies on Several Anti-A Lectins. Aparna Chattoraj .............................................................. 747


The Association of Increased Spontaneous Lymphocyte Transformation in Vitro with Clinical Manifestations of Drug Hypersensitivity. Fred A. Gill .............................................................. 778
Studies on Rabbit Lymphocytes *in vitro*. VII. The Induction of Blast Transformation with the F(ab')2 and Fab Fragments of Sheep Antibody to Rabbit IgG. Stewart Sell

The Use of the Preparative Urealicentifuge to Detect Primary Interactions between *H*1*1*-Labeled Antigen and Antibody. Richard M. Rothberg and Richard S. Farr


Antigenic Analysis of Human Cells and Tissues: Differential Susceptibility of Antigens to Physical or Chemical Treatment. Shihau-Yen Chiu, Patricia J. Baker and K. Gerhard Brand

Duck Immunoglobulins. I. Structural Studies on a 5.7S and 7.8S γ-Globulin. Howard M. Grey

Duck Immunoglobulins. II. Biologic and Immunochemical Studies. Howard M. Grey

The X-Y-Z Scheme of Immunoeyte Maturation. II. The Effect of Antigen on Spontaneous Escape from Immune Paralysis. Stanley J. Dowden and Eli E. Sercarz

The X-Y-Z Scheme of Immunoeyte Maturation. III. Early IgM Memory and the Nature of the Memory Cell. Eli E. Sercarz and Vera S. Byers

Uptake by Mononuclear Phagocytes of Protein-Coated Bentonite Particles Stabilized with a Carbodiimide. Robert R. Carpenter and Petronilo B. Barsales

An Alteration of Secreted Immunoglobulin in Serum. Eckehart Kölsh

Changes in Subcellular and Circulating Antibody Levels during the Hemolsin Response in Rabbits. Susan E. Chapman and Dieter H. Sussdorf


Subgroups of L Type Bence-Jones Proteins. A. Ruffilli and C. Baglioni

Dissociation of Immune Responses by the Induction of Partial Unresponsiveness. Relationship of PCA and Complement-Fixing Antibody Formation to the Suppression of Delayed Hypersensitivity. Yves Borel, Marthe Fauconnet and Peter Miescher

Histocompatibility and Tumor Virus Antigens Identified on Cells Grown in Tissue Culture by Means of the Mixed Hemadsorption Reaction. Rolf F. Barth, J. Åke Espmark and Astrid Fagraeus

Hypersensitivity to Ascaris Antigens. I. Skin-Sensitizing Activity of Serum Fractions from Guinea Pigs Sensitized to Crude Extracts. Gill Strejan and Dan H. Campbell

Protein Conjugates of Polysaccharide from *Cryptococcus neoformans*. Mayer B. Goren and Gardner M. Middlebrook


Canine Immunoglobulins. II. Antibody Activities in Six Immunoglobulin Classes. John S. Johnson, John H. Vaughan and Scott N. Swisher

A Serologic Study of Herpesvirus Hominis Strains by Microneutralization Tests. Frank P. Pauls and Walter R. Dowdle

Further Studies on Effect of Endotoxin on Antibody Response of Rabbit to Common Antigen of Enterobacteriaceae. H. Y. Whang and E. Neter

Precipitation and Neutralization of Bacteriophage f2 by Rabbit Antibodies. David T. Rowlands, Jr.

Nephrototoxic Serum Nephritis in C6-Deficient Rabbits. I. Study of the Second Phase of the Disease. Klaus Rother, Ursula Rother, Pierre Vassalli and Robert T. McCluskey

Antibody Content of Single Antibody-Forming Cells. Kengo Horibata and Jonathan W. Uhr

The Presence of Antibody to Chikungunya and Other Serologically Related Viruses in the Sera of Sub-Human Primate Imports to the United States. V. R. Harrison, J. D. Marshall and N. B. Guilloud


Immune Hemolysis: An Inter-Species Study. William D. Linecott
### CONTENTS

<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preparative Purification of Lung-Localizing Rabbit Anti-Rat Lung Antibodies in Vitro</td>
<td>Osamu Tsuzuku, Yasuo Yagi and David Pressman</td>
<td>1004</td>
</tr>
<tr>
<td>Suppression of the Tuberculin Reaction by High Concentrations of Tuberculin and the Relationship of this Phenomenon to the Potency Assay of Tuberculin</td>
<td>Harold Baer and Robert W. Kolb</td>
<td>1015</td>
</tr>
<tr>
<td>The Immune Response to Human γG-Immunoglobulin in Rabbits Unresponsive to Fc Fragment and H Chain Protein</td>
<td>Hans L. Spiegelberg and William O. Weigle</td>
<td>1020</td>
</tr>
<tr>
<td>Nature of the Immune Response to <em>Mycoplasma pneumoniae</em></td>
<td>Gerald W. Fernald, Wallace A. Clyde, Jr. and Floyd W. Denny</td>
<td>1028</td>
</tr>
<tr>
<td>Changes in the Concentrations of the γc-Globulin and the γG-Globulin of Bovine Cerebrospinal Fluid with Maturation</td>
<td>Catherine F. C. MacPherson</td>
<td>1030</td>
</tr>
<tr>
<td>Immunity to the 6C3HED Ascites Tumor following Treatment of Tumor-Bearing Mice with <em>Escherichia coli</em> L-Asparaginase</td>
<td>Morton D. Prager, Joseph Roberts and Nicholas Bachynsky</td>
<td>1045</td>
</tr>
<tr>
<td>Isolation of Rat Lung Antigens Capable of Neutralising Localizing Activity of Anti-Lung Antibodies</td>
<td>Osamu Tsuzuku, Yasuo Yagi and David Pressman</td>
<td>1053</td>
</tr>
<tr>
<td>Antibody Responses of Rhesus (<em>Macaca mulatta</em>) Monkeys Experimentally Infected with Coxsackieviruses of Group B and Group A, Type 9. II. Heterotypic Antibody Responses to Echo-viruses, Polioviruses and Reovirus Type 1</td>
<td>Nathalie J. Schmidt, Juanita Dennis and Edwin H. Lennette</td>
<td>1060</td>
</tr>
<tr>
<td>Immunochemical Properties of Fe Fragment of Rabbit γG-Globulin</td>
<td>Kenneth Amiraian, Lillian Duchna and James Purcell</td>
<td>1067</td>
</tr>
<tr>
<td>Antibody and Gland Studies in Cortisone and ACTH-Injected Birds</td>
<td>Bruce Glick</td>
<td>1076</td>
</tr>
<tr>
<td>The Direct Reaction between <em>Salmonella enteritidis</em> Endotoxin and Antibody. Measurement of 7S and 19S Antibody in Normal, Tolerant and Immune Sera</td>
<td>Jiban D. Gupta and Charles E. Reed</td>
<td>1093</td>
</tr>
<tr>
<td>The Behavior of Autologous Thyroglobulin in the Circulation of Rabbits Immunized with Either Heterologous or Altered Homologous Thyroglobulin</td>
<td>William O. Weigle and Gloria J. High.</td>
<td>1105</td>
</tr>
<tr>
<td>Repeated Infections with Respiratory Syncytial Virus</td>
<td>Marc Beem</td>
<td>1115</td>
</tr>
<tr>
<td>Antibodies against Staphylococcal Teichoic Acids and Type-Specific Antigens in Man</td>
<td>Harry Daugherty, R. Russell Martin and Arthur White</td>
<td>1123</td>
</tr>
<tr>
<td>Neutralization of Different Murine Interferons by Antibody</td>
<td>M. Bozaca and K. Paucker</td>
<td>1130</td>
</tr>
<tr>
<td>The Effect of Kaolinite on Immunoglobulins: An Improved Technique to Remove the Nonspecific Serum Inhibitor of Reovirus Hemagglutination</td>
<td>John J. Mann, Roger D. Rossen, James R. Lehrich and Julius A. Kassel</td>
<td>1136</td>
</tr>
<tr>
<td>Skin Sensitizing Antibodies: A Comparative Study of Canine and Human PK and PCA Antibodies and a Canine Myeloma Protein</td>
<td>John H. Rockey and Robert M. Schwartzman</td>
<td>1143</td>
</tr>
<tr>
<td>Systemic Tuberculin Sensitivity in Mice. I. Factors Contributing to Active Tuberculin Shock</td>
<td>Shou-Hwa Han and Russell S. Weiser</td>
<td>1152</td>
</tr>
<tr>
<td>Systemic Tuberculin Sensitivity in Mice. II. Hypothermia as an Indicator of Tuberculin Shock in Actively and Passively Sensitized Mice</td>
<td>Shou-Hwa Han and Russell S. Weiser</td>
<td>1158</td>
</tr>
<tr>
<td>Systemic Tuberculin Sensitivity in Mice. III. The Effects of Adrenalectomy and Treatment with Antianaphylactic Agents</td>
<td>Shou-Hwa Han and Russell S. Weiser</td>
<td>1163</td>
</tr>
<tr>
<td>Characteristics of Direct and Indirect Complement-Fixing Antibodies Obtained from Turkeys Infected with Ornithosis Agent.</td>
<td>Gordon R. Dreesman, Albert A. Benedict and R. W. Moore.</td>
<td>1167</td>
</tr>
<tr>
<td>“Protein A” from <em>Staphylococcus aureus</em>. IV. Arthus-Like Reaction Produced in Rabbits by Interaction of Protein A and Human γ-Globulin.</td>
<td>G. T. Gustafson, J. Sjöquist and G. Stålénheim</td>
<td>1178</td>
</tr>
<tr>
<td>Rabbit Antibodies Induced by Calf Thymus Histone-Serum Albumin Complexes.</td>
<td>Ann. L. Sandberg, Maurice Liss and B. David Stoller</td>
<td>1182</td>
</tr>
</tbody>
</table>
Structural Characteristics of Hemolytic Antibodies as Determined by the Effects of Ionizing Radiation. Wendell F. Rosse, Herbert J. Rapp and Tibor Borsos .................................................. 1190


Factors Affecting the Degree of Nonspecific Staining Given by Fluorescein Isothiocyanate Labeled Globulins. G. Ann Herbert, Bertie Pittman and William B. Cherry .................................................. 1204


Studies of Rickettsia mooseri Cell Walls. II. Immunologic Properties. William H. Wood, Jr. and Charles L. Wiseman, Jr .......................................................... 1224

Experimental Streptococcal Glomerulonephritis in Rats. Lois H. Lindberg, Kenneth L. Vosti and Sidney Raffel .................................................................................................. 1231


Antigenic and Immunogenic Studies on Purified Tetanus Toxoid. P. A. Nielsen, F. B. Ablondi, M. V. Querry, Cecilia Gussoni and M. S. Cooper .................................................................................. 1248

Characterization of Hamster Antibody Reacting with Papovavirus SV40 Tumor Antigen. Satvir S. Tevethia .......................................................................................................................... 1257

Duration of Immunity to Tuberculosis in Mice Vaccinated Intravenously with Oil-Treated Cell Walls of Mycobacterium bovis Strain BCG. R. L. Anacker, W. R. Barclay, W. Brehmer, C. L. Larson and E. Ribi ........................................................................................................ 1265

The Effect of Antigen on the Rate of Guanosine-8-C14 Incorporation by Lymphocytes. Lewis W. Mayron and Peter Baram .......................................................................................................................... 1274

A Tissue Hemadsorption Inhibition Neutralization Test for Rubella Antibody. Ray Murphy, George J. Scheff and Richard A. Morrissey ........................................................................ 1286

Antigenic Analysis of a Metazoan Parasite, Toxocara canis. II. Purification and Analysis of Two Antigenic Components. Edward L. Jeska ........................................................................ 1290

Infectivity Assay of Reoviruses: Comparison of Immunofluorescent Cell Count and Plaque Methods. Mary E. McClain, Rex S. Spendlove and Edwin H. Lennette ........................................ 1301

Adoptive Immunity to Intracellular Infection. J. K. Frenkel .......................................................................................................................... 1309

The Incidence of HI Antibody to Influenza Virus A2/Singapore/1/57 in Individuals of Blood Groups A and O. C. W. Potter and G. C. Schild .................................................. 1320