This information is current as of October 28, 2017.

Why The JI?

- **Rapid Reviews! 30 days** from submission to initial decision
- **No Triage!** Every submission reviewed by practicing scientists
- **Speedy Publication!** 4 weeks from acceptance to publication

*average

---

**Subscription**

Information about subscribing to *The Journal of Immunology* is online at:
http://jimmunol.org/subscription

**Permissions**

Submit copyright permission requests at:
http://www.aai.org/About/Publications/JI/copyright.html

**Email Alerts**

Receive free email-alerts when new articles cite this article. Sign up at:
http://jimmunol.org/alerts
CONTENTS

NUMBER 1, JANUARY, 1952

Inhibition of the Growth of Viruses in the Chick Embryo by Aromatic Diamidines. Monroe D. Eaton, Charlotte G. Levenson and Maude Perry................................. 1

Protease Activation in Immune Reactions. Walton B. Geiger................................. 11

Immunoechemical Studies on Blood Groups. XII. Preparation of Blood Group Sub-
stances from Bovine Stomach Linings and a Comparison of their Chemical and
Immunoechemical Properties with those of Blood Group Substances from other
Species. Sam M. Beiser and Elvin A. Kabat................................... 19

Studies on Conglutinin. I. Its Role in Erythrocytic Agglutination in Relation to the
Application of the Lattice Theory. John A. Flick and Aida L. Villafane........ 41

The Effect of Human Serum upon the Agglutination of Enzyme-Treated Erythro-
cytes. Robert E. Hoyt and Helen Zwicker.................................. 53

Hemagglutination by Tularemia Antiserum: Further Observations on Agglutination of
Polysaccharide-Treated Erythrocytes and its Inhibition by Polysaccharide.
George G. Wright and Richard J. Feinberg....................................... 65

The Fate in Rabbits of Intravenously Injected I31I Iodoalbumin. Felix Haurowits
and Charles F. Crampton...................................................... 73

The Susceptibility of Irradiated Mice to Infection as a Function of Post-Irradiation
Time. I. L. Schechmeister, V. P. Bond and M. N. Swift.......................... 87

Immunization of Laboratory Workers with Purified Trivalent Equine Encephalo-
myelitis Vaccine. Fred D. Maurer, Kenneth L. Kuttler and Robert H. Yager.... 109

NUMBER 2, FEBRUARY, 1952

Analysis of Immunity in Experimental Tsutsugamushi Disease. Tsuguo Kuwata...... 115

In Vivo and In Vitro Studies of Serological Specificity Among Viruses of the Psitt-
acosis-Lymphogranuloma Venereum Group. M. R. Hilleman, D. A Haig and
R. J. Helmold ................................................................. 121

Studies on Immunization Against Plague. I. The Isolation and Characterization of
the Soluble Antigen of Pasteurella pestis. E. E. Baker. H. Sommer, L. E. Foster,
E. Meyer and K. F. Meyer .................................................... 131

Studies on Immunization Against Plague. II. The Complement-Fixation Test. T. H.
Chen, S. F. Quan and K. F. Meyer........................................... 147

The Cellular Transfer in Humans of Delayed Cutaneous Reactivity to Hemolytic
Streptococci. H. Sherwood Lawrence......................................... 159

On the Chromatographic Behavior of the T Coliphages in Paper Strips. Charles C.
Shepard........................................................................ 179

Immunogenic and Chemical Properties of Fractions Prepared from Ten Types of
Group A Streptococci. Joseph Smolens and H. F. Warner..................... 185

The Interchangeability of the Complement Components of Different Animal Species.
Christine E. Rice and Paul Boulanger......................................... 197

Antibody Response of Human Subjects to Epidemic Typhus Vaccine Three to Eight
Years after Previous Immunization. Edward S. Murray, Avis Ofstrock and John
C. Snyder................................................................... 207

NUMBER 3, MARCH, 1952

Precipitin Production in Chicks. VII. The Relation Between Circulating Antibody
and Anaphylactic Shock. Takashi Makinodan, Harold R. Wolfe, Morris Goodman
and Royal Ruth.............................................................. 219
The Effect of Total Body X Irradiation on the Susceptibility of Mice to Influenza A Virus Infection. Ernest Beutler and Horace M. Gezon .............................................. 227

Studies of Antibody Distribution in the Serum Proteins of Several Rh Antisera. John R. Cann, Raymond A. Brown, John G. Kirkwood, Phillip Sturgeon and Donald W. Clarke ........................................................................ 243

Metabolic Studies of Rickettsiae. II. Studies on the Pathway of Glutamate Oxidation by Purified Suspensions of Rickettsia mooseri. Charles L. Wisseman, Jr., Fred E. Hahn, Elizabeth B. Jackson, F. Marilyn Bozeman and Joseph E. Smadel .......... 251

Studies on Acute Disseminated Ependymomyelitis Produced Experimentally in Rhesus Monkeys. Elvin A. Kabat, Abner Wolf and Ada E. Bezer .................................... 265

Studies on a “Complete” and an “Incomplete” Rh Antiserum with cDe/cde and -D/-D- Cells. I. The Native Sera. Phillip Sturgeon .................................................. 277

Studies on a “Complete” and an “Incomplete” Rh Antiserum with cDe/cde and -D/-D- Cells. II. Fractions of the “Incomplete Serum”. Phillip Sturgeon and Raymond A. Brown ........................................................................ 287


Complement Fixation Tests with Homologous and Heterologous Types of Coxsackie Virus in Man. Lisbeth M. Kraft and Joseph L. Melnick ...................................................... 297

Intranuclear Inclusion Bodies in Cultures of Human Tissue Inoculated with Varicella Vesicle Fluid. Thomas H. Wellar and Marguerite B. Stoddard .................................. 311

Studies on the Mode of Action of Aromatic Diamidines on Influenza and Mumps Virus in Tissue Culture. Monroe D. Eaton, Maude E. Perry, Charlotte G. Levenson and Ila M. Gocke ........................................................................ 321

The Interaction of Erythrocytes and Antibodies with Synthetic Polymers and Some Other Substances. Winifred T. Frazer and Melvin Calvin .............................................. 335

A Study of Infections Caused by Mumps and Newcastle Disease Viruses. I. Specific and Non-specific Serologic Relations. Herbert A. Wenner, Marian H. Jenson and Anne Monley ............................................................... 343

A Study of Infections Caused by Mumps and Newcastle Disease Viruses. II. Some Properties of Specific and Non-specific Serum Hemagglutination Inhibitor Components. Herbert A. Wenner, Anne Monley and Marian H. Jenson ........................................ 357

The Response to the Intracutaneous Inoculation of BCG as an Index of Native Resistance to Tuberculosis. Max B. Lurie, Peter Zappasodi, Eugenia Cardona-Lynch and Arthur M. Dannenberg, Jr .............................................. 369

The Effect of ACTH and Cortisone on the Concentration of Circulating Diphtheria Antitoxin. W. Paul Havens, Jr., James M. Shaffer and Charles J. Hopke, Jr. .............. 389

Blood Group Activity and Composition of Polysaccharides from Pancreatins. Ethel Verney and Aaron H. Stock .......................................................... 401

The Use of Chicken Antiserum in the Immunochemical Studies of Edestin. J. Munoz and Elmer L. Becker ........................................................................ 405

The Tuberculin Reaction. V. The Antigenicity of Chloroform Soluble Tuberculoprotein Wax. Quentin Myrvik and Russell S. Weiser ...................................................... 413

The Effect of a Malaria Infection on the Titer of Complement and its Components in Ducks. R. Barclay McGhee ................................................................. 421

The Homogeneity of Purified Diphtheria Toxins and Toxoids as Investigated by the Semisolid Precipitin Technic. Harry E. Bowen ...................................................... 429


Studies on Certain Viruses Isolated in the Tropics of Africa and South America. Immunological Reactions as Determined by Cross-Complement-Fixation Tests. J. Austin Kerr ........................................................................ 461
CONTENTS


Number 5, May, 1952

The Growth of Mouse Encephalomyelitis Virus (Theiler's FA Strain) in Embryonated Eggs. Robert B. Lawson .............................................. 495

Studies of Toxin of Clostridium botulinum Type D. Daniel A. Boroff, Marcel Raynaud and André R. Prévot ........................................................... 503

Rh Antigens of Human and Monkey Blood. John Murray .............................................. 513

The Effect of Certain Chemical Compounds on the Multiplication of T2 Bacteriophage. Jerald G. Wooley, Marie K. Murphy, Howard W. Bond and Theodore D. Perrine .............................................. 523

Toxic Manifestations in Rabbits and Mice Associated with the Virus of Western Equine Encephalomyelitis. Lyle B. Fastier .............................................. 531

Individual Variation in the Hemagglutinin Content of Yellowfin Tuna and Skipjack Bloods. John E. Cushing .............................................. 543

Postnatal Immunity in Mouse Encephalomyelitis. Donald J. Dean .............................................. 549

Vaccination Against Paratuberculosis (John's Disease). Björn Sigurdsson .............................................. 559


Stimulating Effect of Tuberculin Upon Production of Circulating Antibodies in Guinea Pigs Infected with Tubercle Bacilli. Stephen V. Boyden and W. Emanuel Suter .............................................. 577


Number 6, June, 1952

Inoculation of Cynomolgus Monkeys with Coxsackie Virus Alone, Combined, or with Poliomyelitis Virus. Beatrice F. Howitt and Velma J. Nichols .............................................. 599


The Effect of Chemical Substances in Mice Infected with St. Louis Encephalitis, PR8 Strain of Influenza, or the Lansing Strain of Poliomyelitis Virus. Jerald G. Wooley, Howard W. Bond and Theodore D. Perrine .............................................. 621

Studies on Hemagglutination by Columbia-SK Virus. Beni Horvath and Claus W. Jungeblut .............................................. 627

Studies on Herpes Simplex Virus. III. The Neutralization of Egg-Adapted Herpes Virus by Human Sera in ovo. Ernest Jawetz and Virginia R. Coleman .............................................. 645

Studies on Herpes Simplex Virus. IV. The Level of Neutralizing Antibodies in Human Sera. Ernest Jawetz, M. F. Allende and Virginia R. Coleman .............................................. 655

Evaluation of Serological Methods for Demonstrating Antibody Responses to Group A Coxsackie (Herpangina) Viruses. Edward A. Beeman and Robert J. Huebner .............................................. 663

Parallel Studies of Complement and Blood Coagulation. VII. The Effect of Ethenione. Christine E. Rice, Paul Boulanger, P. J. G. Plummer and E. Annau .............................................. 673

Differences in the Capacity of Human Serums to Neutralize Herpes Simplex Virus. Harry M. Rose .............................................. 687

Radiosensitive and Radioresistant Phases in the Antibody Response. Frank J. Dixon, David W. Talmage and Paul H. Maurer .............................................. 693