This information is current as of October 28, 2017.

57 (2)

*average

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

**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, SEPTEMBER, 1947

The Neutralization of the Mouse-Adapted Lansing Strain of Poliomyelitis Virus by the Serum of Patients and Contacts. Gordon C. Brown and Thomas Francis, Jr.......... 1

A Specific Antigen Recovered from Tissue Infected with M. paratuberculosis (Johne's Bacillus). IV. Studies on a Second, Inhibiting Substance in the Infected Mucosa. Björn Sigurdsson.......................................................... 11

Studies on the Chemotherapy of the Pox Viruses. I. The Effect of Commercial Penicillin and Other Selected Substances on Canary Pox Virus. Vincent Groupe and Geoffrey Raleigh.......................... 17

Immunochemical Studies on Tobacco Mosaic Virus. I. The reaction with Homologous Rabbit Antiserum. Saul Malkiel and W. M. Stanley........ 31

Immunochemical Studies on Tobacco Mosaic Virus. II. The Host-Strain Relationship Saul Malkiel.............................................................. 43

Immunochemical Studies on Tobacco Mosaic Virus. III. The Specificity of Preparations of Two Strains Isolated from the Sap and the Fibrous Residue of Infected Plants. Saul Malkiel...................................................... 51

Immunochemical Studies on Tobacco Mosaic Virus. IV. The Serological Behavior of Sonic Treated Tobacco Mosaic Virus. Saul Malkiel........ 55

Complement Fixation Reactions of the Heat Labile and the Heat Stable Antigens of Clostridium tetani. J.B. Gunnison........ 67

Review: The Serology of the Coli Group. F. Kauflmann. ................. 71

NUMBER 2, OCTOBER, 1947

A Dilution-Phenomenon in the Titration of Antivenins (Antibothropic Sera). F.W. Eichbaum........................................... 101

Studies on the Reversibility of the Antigen-Antibody Reaction. III. Relation between the Effects of Homologous Polysaccharide on Capsular Swelling and on Increased Aggregation of Sensitized Pneumococci. Marion C. Morris and Helen V. Karr...... 115

Interference between Neurotropic and Other Unrelated Viruses. Antonio Vilches, M.D., and George K. Hirt, M.D.......................... 125

The Technic of Colloidion Particle Agglutination. Philip A. Cavelti........ 141

Chemotherapeutic Effect of Acriflavine Compounds in Experimental Rickettsial Infections in Embryonated Eggs. Joseph E. Smadel, John C. Snyder, Elizabeth B. Jackson, John P. Fox, and Howard L. Hamilton........ 155

The Preparation of Highly Potent Endotoxin of Hemophilus Pertussis. Joseph Smolens and E.H. Flavell............................. 173


A Study of Influenza Virus Vaccines by a Serum-Virus Neutralization Test and by Active Immunization. Bernice E. Eddy................ 195

NUMBER 3, NOVEMBER, 1947

Heredity of the Rh Blood Types. VI. Additional Family Studies, With Special Reference to the Theory of Multiple Allelic Genes. Alexander S. Wiener; Eve B. Sonn-Gordon and Lillian Handman............................. 203

Precipitin Testing With Special Reference to the Photoelectric Measurement of Turbidity. Alan Boyden, Ellis Bolton and Douglas Gemeroy......... 211
Neurologic Manifestations in Laboratory Animals Produced by Organ (Adjuvant) Emulsions. Lenore M. Kopeloff and Nicholas Kopeloff ........................ 229
Colorado Tick Fever. I. Studies on Mouse Brain Adapted Virus. Hilary Koprowski and Herald R. Cox ................................. 239
Colorado Tick Fever. II. Studies on Chick Embryo Adapted Virus. Hilary Koprowski and Herald R. Cox ................................. 255
The Significance of Protection Tests With the Serum of Man and Other Animals Against the Lansing Strain of Poliomyelitis Virus. W. McD. Hammon, W. N. Mack and W. C. Reeves .............................................................. 285

Number 4, December, 1947

Studies on the Antigenicity, in Man, of Calcium Phosphate Adsorbed Influenza Virus; With Comments on the Question of Dose of Virus Needed in Vaccines from Human Use. Jonas E. Salk ........................................................................................................ 301
Preparation of an Antigen Mixture from H. pertussis by Selective Denaturation. John H. Hink, Jr., and Frederick F. Johnson ................................................................. 323
Latent Mouse Encephalomyelitis. Joseph L. Melnick and John T. Riordan ................................................................. 331
The Relative Effectiveness of Pure Penicillins Against Bacillus anthracis in vitro and in vivo. Riley D. Housewright, Sam Berlmam and Richard J. Henry ................................................................. 343
Induced Resistance to Streptomycin. Erich Seligmann and Michael Wassermann ................................................................. 351
Specific Aggregation of Streptococcal Proteins Adsorbed on Oil Droplets. Serological Behavior of Acid Precipitable Protein Fraction. Daniel A. Boroff and Leonard M. Tripp ........................................................................................................ 369
Chemotherapy of Virus Infections. Windsor C. Cutting, Robert H. Dreisbach, Richard M. Halpern, Elizabeth Ann Irwin, Doris W. Jenkins, Frederick Proescher and Helen B. Tripi ................................................................. 379
Precipitin-Testing and Its Three-Dimensional Expression. Ellis T. Bolton ................................................................. 391
Studies of the Capsular Substance of Torula histolytica and the Immunologic Properties of Torula Cells. Albert M. Kligman ........................................................................................................ 395
Index ........................................................................................................................................................................ 403