Differences in the Electrophoretic Mobility of Antibody from Inbred Strains of Mice. John L. Fahey, Werner Barth and Zoltan Ovary ........................................... 819

Biological Activities of Aggregated $\gamma$-Globulin. VII. Minimum Size of Aggregated $\gamma$-Globulin or Its Piece III Required for the Induction of Skin Reactivity and Complement Fixation. Kimishige Ishizaka, Teruko Ishizaka and Jay Banovitz ........................................... 824

Relationship between Blood Clearance and Viruria after Intravenous Injection of Mice and Rats with Bacteriophage and Polioviruses. Irwin Schultz and Franklin A. Neva ........................................... 833

Role of Sialic Acid Receptors in Adsorption of Influenza Virus to Chick Embryo Cells. Richard F. Haff and Richard C. Stewart ........................................... 842

The Heat-Labile Serum Factor Associated with Intracellular Killing of Staphylococcus aureus. Isabel W. Li and Stuart Mudd ........................................... 852

Antibodies Produced by Guinea Pigs Infected with Foot-and-Mouth Disease Virus. K. M. Cowan and R. Trautman ........................................... 858

Differentiation of Lymphocytes Undergoing an Immune Response in Diffusion Chambers. Paul Nettesheim and T. Makinodan ........................................... 868

Mouse $\beta_2$-Globulin: Production of Antiserum and Characterization in the Complement Reaction. M. R. Mardiney, Jr. and H. J. Müller-Eberhard ........................................... 877

Use of Mouse Serum in Identification and Serologic Classification of Rickettsia akari and Rickettsia australis. E. G. Pickens, E. J. Bell, D. B. Lackman and W. Burgdorfer ........................................... 883

Antigen Excess in Guinea Pig Anaphylaxis. O. L. Frick, P. Liacopoulos and Sidney Raffel ........................................... 890

The Fate of a Bacterial Antigen (Streptococcal M Protein) after Phagocytosis by Macrophages. Fred A. Gill and Roger M. Cole ........................................... 898

Cryptococcus neoformans Polysaccharide: Studies of Serologic Properties and Role in Infection. John E. Bennett and H. F. Hassencleyer ........................................... 916

Interference with Establishment of Immunologic Tolerance to Shigella Antigens in Neonatal Mice by Specific Antiserum. Herman Friedman ........................................... 921

Interaction of Rheumatoid Factors with Aggregated Subunits of Human $\gamma$-Globulin. Shun-Ichi Hirose and Abraham G. Olscher ........................................... 927

Relation of Antibody Titer to Persistence of Antigen. Maxwell Richter, Sarah Zimmermann and Felix Haurowitz ........................................... 938

An Analysis of Certain Factors Related to the Quantitation of Immunoelectrophoresis. Warren J. Russell ........................................... 942

Reactions of Localizing Anti-Kidney Antibodies with Tissues of Various Species. Igal Gery, Yasuo Yagi and David Pressman ........................................... 950

The Radioisotope Precipitation Test for Study of Q Fever Antibodies in Human and Animal Sera. Gayle G. Tabert and David B. Lackman ........................................... 959

Immunologic Unresponsiveness in the Adult Guinea Pig. I. Suppression of Delayed Hypersensitivity and Antibody Formation to Protein Antigens. Harold F. Dvorak, E. Biello, John S. McCarthy and Martin H. Flax ........................................... 966

Studies on Adenovirus-12. I. Quantitative Correlations between Some Physical, Antigenic and Infectious Properties. Kendall O. Smith ........................................... 976