THE JOURNAL OF IMMUNOLOGY

Official Journal of
The American Association of Immunologists

CONTENTS

Immune-Adherence with *Leptospira* Antigens. II. Studies on Hyperimmune, Convalescent and Normal Sera. WILLIAM D. LINSÇOTT .............. 480
Nature of the Active Site of Antibacterial Antibodies: Further Evidence for the Presence of Tyrosine. DAVID PRESSMAN, ALFRED NISONOFF, GERALD RADZIMSKI AND ANITA SHAW .................... 489
The in Vivo Production of Penicillinase by Hemolytic *Staphylococcus aureus*. PETER DINEEN .................. 496
Effect of *Eperythrozoon coccoides* upon Lymphocytic Choriomeningitis in Mice. JOHN SEAMER, A. W. GLEDDHILL, JAMES L. BARLOW AND JOHN HOTCHIN .......... 512
Platelet Agglutination by Immune Complexes and Its Possible Role in Hypersensitivity. MARIA SIQUEIRA AND ROBERT A. NELSON, JR .................. 516
Cellular Factors in Resistance to Acute Bacterial Infection. FRED MIYA, STANLEY MARCUS AND EUGENE H. PERKINS .................. 526
Agglutinin Response, a Function of Cell Number. EUGENE H. PERKINS, M. A. ROBINSON AND T. MAKINODAN .................. 533
The Vi Antigens of the Enterobacteriaceae. V. Serologic Differences of Vi Antigens Revealed by Deacetylation. ROBERTA E. WHITESIDE AND EUGENE E. BAKER .................. 538
Enhancement of the Mouse Virulence of a Non-Vi Variant of *Salmonella typhi* by Vi Antigen. SIDNEY GAINES, JOSEPH G. TULLY AND WILLIAM D. TIGERTT .................. 543
Observations on the Complement-Fixing Antibody Response to Poliovirus in Patients with Certain Coxsackie and Echo Virus Infections. EDWIN H. LENNETTE, NATHANIEL J. SCHMIDT AND ROBERT L. MAGOFFIN .................. 552
Certain Biological Characteristics of Adenovirus Types 5, 6, 7 and 14. FLOYD W. DENNY, JR., AND HAROLD S. GINSBERG .................. 567
Studies on Hemagglutinins in California Wild Flower Seeds. LAURA BRILLIANTINE AND NANCY K. ALLEN .................. 575
Agar Precipitation Reactions between Human Serum Albumin and Hemoglobin in Human Tissue Extracts. RICHARD S. METZGAR AND JAMES T. GRACE, JR. .................. 578

PUBLISHED MONTHLY BY
THE WILLIAMS & WILKINS COMPANY
BALTIMORE 2, U. S. A.

Copyright ©, 1961, by THE WILLIAMS & WILKINS COMPANY
Made in United States of America