

LEAD THE RACE

Comprehensive **flow cytometry** solutions designed to accelerate your work



Learn More

MILLIPORE SIGMA



The Journal of
Immunology

91 (6)

J Immunol 1963; 91:721-879; ;
<http://www.jimmunol.org/content/91/6>.
citation

This information is current as
of February 23, 2018.

Why *The JI*? [Submit online.](#)

- **Rapid Reviews! 30 days*** from submission to initial decision
- **No Triage!** Every submission reviewed by practicing scientists
- **Fast 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>

The Journal of Immunology is published twice each month by
The American Association of Immunologists, Inc.,
1451 Rockville Pike, Suite 650, Rockville, MD 20852
All rights reserved.
Print ISSN: 0022-1767 Online ISSN: 1550-6606.



THE JOURNAL OF IMMUNOLOGY

*Official Journal of
The American Association of Immunologists*

Evaluation of Indirect Fluorescent Antibody Technique for Detection of Rabies Antibody in Human Sera. J. B. THOMAS, R. K. SIKES AND A. S. RICKER.....	721
Oral Immunization and Production of Coproantibody in Human Volunteers. ROLF FRETER AND EUGENE J. GANGAROSA.....	724
Observations on the Structure of Human 7 S γ -Globulin: Studies Using Antisera to Bence Jones Proteins. EDWARD C. FRANKLIN.....	730
Cross-Reactions of Glucose-Containing Polysaccharides in Antipneumococcal Sera. VII. The Precipitation of Type IX Antisera by Isolichenin, and Other Reactions. MICHAEL HEIDELBERGER.....	735
Species Specificity of Globulins in Reactions with Rheumatoid Arthritis Serum. ROBERT M. PIKE AND MARY LOUISE SCHULZE.....	740
The Effect of Adjuvant Amounts of Endotoxins on the Serum Hemolytic Complement Activity in Rabbits. DAVID S. PEARLMAN, JAMES B. SAUERS AND DAVID W. TALMAGE.....	748
Development of Antibodies against <i>Aeromonas salmonicida</i> in Trout. GEORGE E. KRANTZ, JACK M. REDDECLIFF AND CARROLL E. HEIST.....	757
Enhanced Antitoxin Responses in Irradiated Mice Elicited by Complexes of Tetanus Toxoid and Specific Antibody. RICHARD D. STONER AND GERONIMO TERRES.....	761
The Common Protein Agglutinin of <i>Staphylococcus aureus</i> . I. Distribution in International Serotypes and Corresponding Antibody in Human Populations. N. A. LENHART, S. MUDD, A. YOSHIDA AND I. W. LI.....	771
The Common Protein Agglutinin of <i>Staphylococcus aureus</i> . II. Purification, Chemical Characterization, and Serologic Comparison with Jensen's Antigen. A. YOSHIDA, S. MUDD AND N. A. LENHART.....	777
Sheep Erythrocyte Agglutinins and Beef Erythrocyte Hemolysins in Infectious Mononucleosis Serum. C. L. LEE, T. TAKAHASHI AND I. DAVIDSOHN.....	783
Contact Sensitivity and Immunologic Unresponsiveness in Adult Guinea Pigs to a Component of Poison Ivy Extract, 3-N-Pentadecylcatechol. ROBERT T. BOWSER AND HAROLD BAER.....	791
The Temporal Synthesis of Chicken Antibodies. The Effect of Salt on the Precipitin Reaction. ALBERT A. BENEDICT, ROBERT T. HERSH AND CHARLES LARSON.....	795
<i>In Vitro</i> Studies of Cellular Hypersensitivity. I. Specific Inhibition of Migration of Cells from Adjuvant-Immunized Animals by Purified Protein Derivative and Other Protein Antigens. ROBERT R. CARPENTER.....	803
Phylogeny of the Immune Response. Studies on Some Physical Chemical and Serologic Characteristics of Antibody Produced in the Turtle. HOWARD M. GREY.....	819
Effects of Low Ionic Strength on Immune Hemolysis. HERBERT J. RAPP AND TIBOR BORSOS.....	826

(Contents continued on page 2)

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

COPYRIGHT ©, 1963, BY THE WILLIAMS & WILKINS COMPANY
Made in United States of America

(Contents continued from cover)

Tolerance to a Protein Antigen in Adult Mice and the Effect of Nonspecific Factors. HENRY N. CLAMAN.....	833
Antigen Penetration into the Thymus. G. SAINTE-MARIE.....	840
Methotrexate Inhibition of Tuberculin Hypersensitivity in Inbred Guinea Pigs. ROB- ERT M. FRIEDMAN AND CHARLES E. BUCKLER.....	846
Chromatographic Separation of the First Component of Complement and Its Assay on a Molecular Basis. TIBOR BORSOS AND HERBERT J. RAPP.....	851
Passive Anaphylaxis in Mice with Homologous Antiserum. III. Strain Susceptibility and Modification with Prior Antigen-Antibody Reactions. PERRY E. TREADWELL AND A. F. RASMUSSEN, JR.....	859
Inhibition of Complement Fixation by Human Serum. II. The Activity of a γ - _{1M} Glob- ulin and Rheumatoid Factor in Complement Fixation Reactions. RALPH HEIMER, FRANCOISE M. LEVIN AND M. F. KAHN.....	866
Studies on Nonspecific Hemagglutination Inhibitor of DA Virus Present in Normal Chick Allantoic and Amniotic Fluids. TAMUNOEMI SOKARI DAVID-WEST.....	873

THE JOURNAL OF IMMUNOLOGY

Information for Subscribers

Published monthly, beginning January, 1929. (From 1916-1925, and in 1928 Volumes I-X, inclusive, and Vol. XV published bi-monthly.)

The subscription price is \$21.00 per year in U.S.A.; \$21.75 in Canada; \$22.50 elsewhere. Single copies, when available, are \$2.50 in U.S.A.; \$2.75 elsewhere. The subscriptions of members of the American Association of Immunologists are included in the membership dues and are handled by the Association's Treasurer, Dr. Byron H. Waksman, Massachusetts General Hospital, Boston 14, Mass. All other subscriptions should be sent to the publishers.

Change of address: Publisher must be notified 60 days in advance. Journals undeliverable because of incorrect address will be destroyed. Duplicates can be obtained (if available) from the publisher at the regular price of single issues.

New subscriptions and renewals are entered to begin with the first volume of the year when subscription is received. Should any issue of the current volume be out of print at the time the subscription order is received, the pro-rata value of such numbers will be refunded to the subscriber.

Subscriptions should be renewed promptly: To avoid a break in your series, subscriptions should be renewed promptly. The publishers cannot guarantee to supply back issues on belated renewals.

Correspondence concerning all business matters should be addressed to

THE WILLIAMS & WILKINS COMPANY

Publishers of Scientific Books and Periodicals
BALTIMORE 2, MARYLAND, U. S. A.