THE JOURNAL OF IMMUNOLOGY

Manuscripts should be typewritten and carefully revised before submission and should be sent to Dr. Arthur F. Coca, Pearl River, New York. Authors will be charged for space in excess of 20 printed pages; also for all illustrations and for tabular matter in excess of 10 per cent of the text space.

THE JOURNAL OF IMMUNOLOGY is issued monthly. Two volumes a year are issued. Twenty-five reprints, without covers, of articles will be furnished to contributors free of cost when ordered in advance. A table showing cost of reprints, with an order slip, is sent with proof. Orders for purchased reprints must be limited to 1,000 copies.

Published monthly, beginning January, 1929. (From 1916-1925, and in 1928 Volumes I-X, inclusive, and Vol. XV published bi-monthly. Two volumes per year were

published during 1926-1927.)

The subscription price is \$5.00 per volume. For countries outside the Postal Union, add 50 cents a volume. Two volumes ordered at the same time, \$9.00; overseas, \$10.00. 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. Arthur F. Coca, Pearl River, New York All other subscriptions should be sent to the publishers.

Claims for copies lost in the mails must be received within 30 days, domestic (90 days, foreign) of the date of issue. Changes of address must be received at least two

weeks in advance of issue.

Correspondence concerning business matters should be addressed to The Williams & Wilkins Company, Publishers of Scientific Journals and Books, Mount Royal and

Guilford Avenues, Baltimore, U. S. A.

New subscriptions and renewals are entered to begin with the first issue of the current volume. 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 credited to the next volume, and the renewal invoice therefore adjusted accordingly.

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.

Subscriptions, new or renewal, should be sent to the Publishers or to Agents listed below.

AGENTS

For Argentina and Uruguay: Beutelspacher y Cia, Sarmiento 815, Buenos Aires.

For Australia: Angus & Robertson, Limited, 89-95 Castlereagh Street, Sydney.

For Belgium: Henri Lamertin, 58 Rue Coudenberg, Bruxelles.

For the British Empire, except Australia and Canada: Baillière, Tindall & Cox, 8 Henrietta

St., Covent Garden, W C 2, London, England.

For Canada: Wm. Dawson & Sons, Ltd., 91

Queen Street East, Toronto.

For China: Commercial Press Ltd., Paoshan Road, Shanghai, China.

For Denmark: H. Hagerup's Boghandel, Gothersgade 30, Kjobenhavn.

For France: Émile Bougault, 48 Rue des Ecoles, Paris.

For Germany: B. Westermann Co., Inc., Zimmerstrasse 35-41, Berlin SW-68.

For Holland: Scheltema & Holkema, Rokin 74-76, Amsterdam.

For Japan and Korea: Maruzen Company, Ltd. (Maruzen-Kabushiki-Kaisha), 6 Nihonbashi Tori-Nichome, Tokyo; Fukuoka, Osaka, Kyoto, and Sendai Japan.

For Spain: Ruiz Hermanos, Plaza de Santa Ana. 13, Madrid.

THE WILLIAMS & WILKINS COMPANY

Publishers of Scientific Books and Periodicals

BALTIMORE, U. S. A.

Publishers Of: Medicine, Journal of Urology, Journal of Pharmacology and Experimental Therapeutics, American Journal of Tropical Medicine, Journal of Immunology, Journal of Industrial Hygiene and Toxicology, Quarterly Review of Biology, Journal of Bacteriology, Annals of the Pichett-Thomson Research Laboratory, Chemical Reviews, Soil Science, Social Ferces, Journal of Comparative Psychology, Mental Measurement Monographs, Occupational Therapy and Rehabilitation, The American Journal of Clinical Pathology, Journal of Physical Chemistry, Journal of the Biological Physical Physical Chemistry, Medical Classics.

Medico-Legal and Criminological Review, Journal of Organic Chemistry, Medical Classics.



ANTIGENS

for the Diagnosis of Syphilis

This group of Difco products is prepared solely for the laboratory diagnosis of syphilis by means of the more frequently employed complement-fixation, precipitation and flocculation tests. Each antigen is carefully titrated according to the procedure for which it is recommended.

· Bacto-Kolmer Antigen

Bacto-Kolmer Antigen is prepared expressly for use in the Kolmer modification of the Wassermann reaction. It is exceptionally sensitive in its antigenic properties and low in anticomplementary and hemolytic powers. The extract is uniform and stable when stored at a low temperature.

Bacto-Kahn Standard Antigen

Bacto-Kahn Standard Antigen is recommended for the routine procedures of the Kahn test. Samples of each lot are tested in Dr. Kahn's laboratory and no lot is released without approval.

Bacto-Kahn Sensitized Antigen

Bacto-Kahn Sensitized Antigen is an extremely sensitive extract for use in the quantitative procedures of the Kahn system. No lot is released without approval from Dr. Kahn's laboratory.

Bacto-Eagle Antigen

Bacto-Eagle Antigen is prepared for use in the flocculation test devised by Dr. Harry Eagle. It is a stable and sensitive antigen, and has been approved for use in Dr. Eagle's laboratory.

Bacto-Hinton Antigen

Bacto-Hinton Antigen is a sensitive extract for use in the performance of the Hinton test. It is manufactured in strict accordance with Dr. Hinton's published directions.

Specify "DIFCO"

THE TRADE NAME OF THE PIONEERS
In the Research and Development of Bacto-Peptone and Dehydrated Culture Media

DIFCO LABORATORIES

INCORPORATED
DETROIT, MICHIGAN