

# THE JOURNAL OF IMMUNOLOGY

## *Information for Contributors*

Manuscripts should be carefully revised and the original should be sent to

DR. JOHN Y. SUGG  
*Journal of Immunology*  
Cornell Medical College  
1300 York Ave.  
New York 21, N. Y.

Authors will be charged for space in excess of 10 printed pages and also for all illustrations and tabular or graphic matter in excess of 10 per cent of the pages in each article.

Author's alterations of type or illustrations on proof are charged to the author if in excess of an average of \$1.00 per printed page; correction of printer's errors are not charged to the author.

Reprints must be 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. The invoice for reprints will also include charges for illustrations, excess pages and tabular matter, if any.

## *Instructions for the Preparation of Manuscript*

Copy should be typed double-spaced on one side only of 8½ x 11 paper. Even material that is to be set in a type size smaller than that of the main text (footnotes, references, etc.) should be double-spaced.

The author should supply a short title for use as a running head. This should be typed on a separate sheet as the first page of manuscript. Type the complete title of the article on a second sheet, and the authors' names and affiliations on a third sheet. All material that is to be set in a type size different from that of the main text should be typed on separate sheets. This includes tabular matter, case histories, quotations, formulas and other subsidiary matter in the text, footnotes, bibliographies, and legends for illustrations. Displayed formulas which are to be built up to more than one line of type, even if they are the same size type as the text, should be on a separate page. Legends should not be attached to or written on the illustration copy. Positions for tables and figures in the text may be indicated in the margin of the text page.

Manuscripts that do not conform to these instructions will be cut and rearranged so that the matter to be set in different sizes of type can be separated.

*Galley proof.* Authors will receive galley proofs of their papers set separately as outlined above. Galleys will be arranged in the following order: tables, running heads, footnotes, figure legends, text, bibliography. All material that has been cut from the body of the text will be inserted in its proper place in the galleys. This includes formulas, quotations, case histories, and other subsidiary matter. Manuscript will be arranged in this order: formulas, tables, footnotes, figure legends, text inserts including bibliography, text.

*Illustrations.* Copy for illustrations should be unmounted glossy photographs clearly identified as to number, author's name, and top of figure in soft crayon on the back. Graphs should be in India ink on bluelined paper. If larger than 9 x 12., they must be accompanied by glossy photographs within this size.

# IMMUNOLOGY

*Official Journal of the BRITISH SOCIETY FOR IMMUNOLOGY*

*Editor: L. E. GLYNN*

VOL. VI, NO. 4

JULY 1963

## CONTENTS

- An Investigation of Methods of Isolation of  $\beta_2M_1$  Globulin (Syn.: Iota Protein, 19S  $\gamma$  Globulin,  $\gamma_1$  Macroglobulin,  $\beta_2M$  Globulin) and its Association with Isoagglutinin Activity, together with Preliminary Observations on Other Macroglobulins of Slow Electrophoretic Mobility in Normal Human Serum. K. W. WALTON, D. S. ROWE, J. F. SOOTHILL AND D. R. STANWORTH
- Immunological Relation of Basement Membrane and a Serum Beta Globulin in the Mouse. Demonstration of Renal Basement Membrane Alteration in Mice Injected with Streptolysin S. E. M. TAN AND M. H. KAPLAN
- Specific Inhibition of Antibody Production. III. Apparent Changes in the Half-Life of Bovine Gamma Globulin in Paralysed Mice. D. W. DRESSER
- Immunological Unresponsiveness to Protein Antigens in Rabbits Exposed to X-Irradiation or 6-Mercaptopurine Treatment. D. NACHTIGAL AND M. FELDMAN
- A Serological Analysis and Comparison of Various Preparations of Mouse H-2 Histocompatibility Antigen. D. B. AMOS, G. HAUGHTON AND R. A. SPENCER
- Induction of Autoimmunity to Adrenal Gland. E. V. BARNETT, D. C. DUMONDE AND L. E. GLYNN
- Identification of a New Streptococcal Red Cell Sensitizing Antigen. F. S. STEWART
- Identification of the Components of Complement Participating in the Antiglobulin Reaction. M. HARBOE, H. J. MÜLLER-EBERHARD, H. FUDENBERG, MARGARET J. POLLEY AND P. L. MOLLISON

*The Subscription price in the United States and Canada is \$20.00  
for the annual volume of six parts (Single copies \$4 each)*

**BLACKWELL SCIENTIFIC PUBLICATIONS**

# 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.

*Conclusions and recommendations  
from an important symposium...*

## *Cannon et al.:* PROCEEDINGS OF A SYMPOSIUM ON IMMUNIZATION IN CHILDHOOD

"A number of diseases resulting from bacterial or viral infection can now be prevented by means of vaccines and toxoids, and the problem of administering these to the best advantage, and with the least inconvenience to the recipients, has become complex and difficult. The time has come to assess all the evidence which has accumulated, and to attempt to reach agreement on certain basic principles which must be observed in all inoculation schedules. The Symposium was organized with this object in view."—*From the Foreword*

*Edited by* D. A. CANNON, *Medical Adviser, Wellcome Research Laboratories, Kent*  
W. C. COCKBURN, *Director, Epidemiological Research Laboratory, Central Public Health Laboratory, London*  
D. G. EVANS, *Director, Biological Standards Control Laboratories, Medical Research Council, London*  
and H. J. PARRISH, *Clinical Research Director, Wellcome Research Laboratories, Kent*

1960 • 140 pp., 5 figs. • \$4.25



THE WILLIAMS & WILKINS COMPANY

BALTIMORE 2, MARYLAND, U.S.A.

One of the most reputable books  
in the field...

# Mackie & McCartney's: HANDBOOK OF BAC- TERIOLOGY, 10th edition

"It is 35 years since the first edition of this textbook was published. That 'Mackie and McCartney' quickly became a most popular handbook of practical bacteriology was shown by the rapid succession of new editions and reprints, the latest being in 1956.

"Inevitably, with the many advances in microbiology, extensive revision and considerable expansions were necessary and this edition contains some 230 pages more than its immediate predecessor, in spite of the uniform use of smaller print for the technical methods in Part II. The number of chapters has been increased from 24 to 46, partly because of new material and partly by subdivision of composite chapters, particularly in Part III dealing with systematic microbiology. Throughout Part III the practical aspects of the laboratory diagnosis of infection in the individual and of the epidemiology of specific infectious diseases in the community has been given fuller consideration in the hope that this textbook will become even more widely used by medical students and doctors in many lands as a laboratory guide to the rational treatment and prevention of infective disease.

"Fuller use has also been made of illustrative figures and diagrams than in earlier editions."—*Preface*

CONTENTS: Part I. Microbial Biology: Infection and Immunity. Part II. Technical Methods. Part III. Pathogenic and Commensal Micro-Organisms.

*Edited by* ROBERT CRUICKSHANK, M.D., F.R.C.P., D.P.H., F.R.S.E.,  
Professor of Bacteriology, University of Edinburgh, Adviser in Bacteriology,  
S.E. Regional Hospital Board (Scotland) and Department of Health for  
Scotland, Senior Consultant in Bacteriology, Royal Infirmary, Edinburgh  
and Member of the Staff of the Bacteriology Department, University  
of Edinburgh.

1960 • 980 pp., 45 figs., tables • \$8.50

*Publishers of Medical and Scientific Books and Periodicals*



**WILLIAMS  
& WILKINS  
COMPANY**

BALTIMORE 2, MD.

**SHOP BY MAIL**

**THE WILLIAMS AND WILKINS COMPANY**  
Baltimore 2, Md.

Please send the following on approval:

Name \_\_\_\_\_  
(Please print)  
Address \_\_\_\_\_  
City \_\_\_\_\_ Zone \_\_\_\_\_ State \_\_\_\_\_

Payment enclosed.  Bill me.

Shopping by mail is an easy, time-saving way to  
select books for your personal library.