

JAMES A. ROBB, M.D.

JOURNAL OF VIROLOGY

VOLUME 10 • NUMBER 1 • JULY 1972

EDITORIAL BOARD

Robert R. Wagner, *Editor-in-Chief* (1977)
University of Virginia School of Medicine,
Charlottesville

Myron Levine, *Editor* (1976)
School of Medicine,
University of Michigan,
Ann Arbor

Norman P. Salzman, *Editor* (1975)
National Institute of Allergy and
Infectious Diseases,
Bethesda, Md.

Dwight L. Anderson (1974)
David Baltimore (1972)
Marcel A. Baluda (1972)
Allan M. Campbell (1972)
Purnell Choppin (1974)
Eugene H. Cota-Robles (1973)
Vittorio Defendi (1973)
Walter Doerfler (1974)
Richard M. Franklin (1973)
Robert M. Friedman (1973)
Harold S. Ginsberg (1973)
Marc Girard (1974)

Angus Graham (1972)
D. MacDonald Green (1974)
Klaus Hummeler (1973)
Paul J. Kaesberg (1973)
Albert S. Kaplan (1973)
Edwin D. Kilbourne (1973)
David W. Kingsbury (1973)
Margaret Lieb (1973)
Jean Lindenmann (1973)
Royce Z. Lockart, Jr. (1972)
Christopher K. Mathews (1973)
Bernard Moss (1974)

Elmer R. Pfefferkorn (1973)
Lennart Philipson (1973)
Fred Rapp (1972)
Bernard Roizman (1973)
Aaron J. Shatkin (1972)
Robert W. Simpson (1973)
Donald F. Summers (1973)
Howard M. Temin (1973)
Peter Vogt (1973)
John S. Wiberg (1973)
Julius Youngner (1973)

Robert A. Day, *Managing Editor, 1913 I St., N.W., Washington, D.C. 20006*

EX OFFICIO

R. G. E. Murray, *President* (1972-1973)

Donald E. Shay, *Secretary*

L. Leon Campbell, *Vice-President* (1972-1973)

T. J. Carski, *Treasurer*

The *Journal of Virology*, a publication of the American Society for Microbiology, 1913 I St., N.W., Washington, D.C. 20006, is devoted to the dissemination of fundamental knowledge concerning viruses of bacteria, plants, and animals. Investigators are invited to submit reports of original research in all areas of basic virology, including biochemistry, biophysics, genetics, immunology, morphology, and physiology. The *Journal* is issued monthly, two volumes per year. The subscription price is \$40 (foreign, \$41) per year; single copies are \$4.00 (foreign, \$4.25). Members of the American Society for Microbiology may receive the *Journal* as part of their dues. Correspondence relating to subscriptions, reprints, defective copies, availability of back issues, lost or late proofs, disposition of submitted manuscripts and gen-

eral editorial matters should be directed to the ASM Publications Office, 1913 I St., N.W., Washington, D.C. 20006. Correspondence from ASM members relating to membership dues, member subscriptions, changes of address, incorrect address, incorrect journals, etc., should be directed to the Executive Secretary, American Society for Microbiology, 1913 I St. N.W., Washington, D.C. 20006. Published monthly by the ASM at 428 E. Preston St., Baltimore, Md. 21202.

Second-class postage paid at Baltimore, Md. 21202, and at additional mailing offices

Made in the U.S.A.

Copyright © 1972, American Society for Microbiology.
All Rights Reserved.

JOURNAL OF VIROLOGY

INSTRUCTIONS TO AUTHORS

Correspondence. Submit manuscripts in duplicate (original and one carbon) to ASM Publications office, 1913 I St., N.W., Washington, D.C. 20006.

General policy. Any manuscript submitted must be a report of unpublished original research, which is not being considered for publication elsewhere. A manuscript accepted and published by the *Journal* must not be published again in any form without the consent of ASM.

A charge of \$25 per printed page is assessed for publication in the *Journal*. Most institutions and granting agencies in the United States permit the payment of publication charges as part of their general research support. It is recognized, however, that such funds are not always available to laboratories outside the United States. In such cases, the cost of publication will be borne by the American Society for Microbiology. Ability or inability to pay the publication charge is not a factor in the selection of manuscripts for publication.

The "editorial style" of the *Journal* essentially follows the *Style Manual for Biological Journals* (2nd ed., AIBS, 1964). "Instructions" published in the *Journal of Bacteriology* apply also to the *Journal of Virology*. Biochemical abbreviations and nomenclature should essentially follow "Biochemical Nomenclature" in *Handbook of Biochemistry* (2nd ed., 1970, H. A. Sober, ed., The Chemical Rubber Co., Cleveland, p. A4-A24). Normally, abbreviations (except those of standard units of measurement and symbols of the elements) should be defined and introduced parenthetically at first use in the text. Genetic symbols should essentially follow the recommendations of Demerec et al. (*Genetics* 54:61, 1966). Enzyme activity should be expressed in terms of international units (*Enzyme Nomenclature*, Elsevier Publishing Co., 1965), and the EC number should be given parenthetically at first use in the text. In expressing lengths, weights, and volumes, the prefixes nano (n) and pico (p) should be used instead of millimicro (m μ) and micromicro ($\mu\mu$). Express lengths in nanometers (nm; 10^{-9} m) or in micrometers (μm ; 10^{-6} m) instead of millimicrons (m μ ; 10^{-9} m), microns (μ ; 10^{-6} m), or Angstroms (A; 10^{-10} m). Express parts per million (ppm) as micrograms per milliliter ($\mu\text{g}/\text{ml}$), micrograms per gram ($\mu\text{g}/\text{g}$), or microliters per liter ($\mu\text{liters}/\text{liter}$), as appropriate. In general, measurements should be expressed in terms of standard international metric units. The *Journal* reserves the privilege of editing manuscripts to make them conform with the adopted style.

Form of manuscript. All parts of the manuscript should be typed double-space or, preferably, triple-space. Most manuscripts can and should be divided into the following sections: Abstract, Introduction, Materials and Methods, Results, Discussion, Acknowledgments, and Literature Cited. Only one weight of heading (paragraph lead-in) should be used within each section.

Abstract. An Abstract appears at the beginning of each paper in the *Journal*. The Abstract should not exceed 250 words.

Literature Cited. In the text, references are cited by number. The Literature Cited section should

be typed in alphabetical order, by first author, and numbered. Names of journals are abbreviated according to *Access* (American Chemical Society, 1969). Literature citations should be restricted to closely pertinent papers. Citations of abstracts, theses, "unpublished data," "personal communication," and "in press" will not be accepted in the Literature Cited, but may be used parenthetically in the text.

Tables. Each table should be typed on a separate page. The data should be arranged so that columns of like material read down, not across. The headings should be sufficiently clear so that the meaning of the data will be understandable without reference to the text. Explanatory footnotes are permitted, but detailed descriptions of the experiments are not. The materials and methods used to gain the data should properly remain in the section of that name.

Figures. A complete set of figures, preferably glossy photographs, should accompany each of the two copies of the manuscript. Each figure should be numbered and should include the name of the author, either in the margin or on the back (marked lightly with a soft pencil). Graphs (*submit as photographs*) should be finished drawings not needing further artwork or type-setting. Absolutely no part of a graph should be typewritten (except the legend, which should be typed on a separate page). All lettering should be done with a lettering set. Most graphs will be reduced to one-column width, and all elements in the drawing should be prepared to withstand this reduction. The legend of the figure should provide enough information so that the figure is understandable without reference to the text. Experimental details from Materials and Methods should not be repeated in figure legends.

Notes. The accepted form for *Notes* is somewhat different from the foregoing. Contributors should consult a recent issue of the *Journal* for style. *Notes* should not exceed 500 words. The *Abstract* should not exceed 25 words.

Nomenclature of viruses. Viruses named after a disease should be written as separate words in lower-case roman, except when the name of the disease is derived from a proper noun: herpes simplex virus, measles virus, Newcastle disease virus, poliomyelitis virus, varicella-zoster virus, vaccinia virus.

Most other viruses should be written as a single word in lower case: adenovirus, coxsackievirus, cytomegalovirus, echovirus, herpesvirus, mengovirus, picornavirus, poliovirus, poxvirus.

Copyright. Once a paper has been published in the *Journal*, which is a copyrighted publication, the legal ownership of all parts of the paper, including the illustrations, has passed from the author to the *Journal*. If the same author, or any author, wishes to republish material previously published in the *Journal*, he must first receive written permission from ASM.

Reprints. Reprints (in multiples of 100) will be furnished contributors when ordered in advance. A table showing the cost of reprints, and an order form, will be sent with the proof.