

THE JOURNAL OF GENERAL PHYSIOLOGY

FOUNDED BY JACQUES LOEB

Honorary Editors

L. R. BLINKS JOHN H. NORTHROP

Editor

PAUL F. CRANEFIELD

Editorial Board

VINCENT ALLFREY	RICHARD J. PODOLSKY
CLAY M. ARMSTRONG	FLOYD RATLIFF
FRANCIS D. CARLSON	ASER ROTHSTEIN
C. M. CONNELLY	STANLEY G. SCHULTZ
PHILIP B. DUNHAM	ROBERT SHAPLEY
ROBERT S. EISENBERG	A. K. SOLOMON
BERTIL HILLE	ANDREW G. SZENT-GYORGYI
DAVID MAUZERALL	ROGER C. THOMAS
L. J. MULLINS	ANNEMARIE WEBER
JOHN C. PARKER	VICTOR J. WILSON
CARL PFAFFMANN	ROGER C. WOLEDGE

THE JOURNAL OF GENERAL PHYSIOLOGY IS THE OFFICIAL ORGAN OF THE SOCIETY OF GENERAL PHYSIOLOGISTS AND IS EDITED IN COOPERATION WITH THE SOCIETY

PUBLISHED MONTHLY BY THE ROCKEFELLER UNIVERSITY PRESS

ROSEMARY BARRY *Copyediting and Production*

VOLUME 68 · NUMBER 4 · OCTOBER, 1976

INFORMATION FOR SUBSCRIBERS *The Journal of General Physiology* is published monthly, and all subscriptions are on a full calendar year basis. The subscription price per year (2 volumes) is \$60 (postage surcharge Europe only, \$6 net).

Remittances should be made by draft or check on New York, or by postal money order, payable to *The Journal of General Physiology*, The Rockefeller University Press, Post Office Box 5108, Church Street Station, New York 10249. Inquiries about subscriptions, single copies, and back numbers of the *Journal* should be addressed to the Order Service of The Rockefeller University Press at 1230 York Avenue, New York 10021. Claims for non-receipt of issues will be honored when received within 3 months of mailing for U.S.A. subscribers, 6 months for foreign subscribers.

Second-class postage paid at New York, N. Y. and at additional mailing offices. Copyright © 1976 by The Rockefeller University Press, 1230 York Avenue, New York, N. Y. 10021 *Made in the United States of America*