

Physiological Reviews

Editor: S. L. Hamilton

Department of Molecular Physiology and Biophysics
Baylor College of Medicine
Houston, TX 77030

Associate Editor: J. D. Sweatt

Editorial Board

R. W. Aldrich
M. Bond
M. Cahalan
J. Merchant
J. Molkenin
M. E. Rudnicki
M. Sheng
J. R. Wright

Society Representatives

L. S. Jefferson
*American Society for Biochemistry
and Molecular Biology*

D. C. Gadsby
Society for General Physiologists

J. H. Byrne
Society for Neuroscience

M. T. Nelson
Biophysical Society

N. J. Benevenga
*American Society for
Nutritional Science*

J. C. Adams
American Society for Cell Biology

Publications Committee

K. E. Barrett, *Chair*
E. M. Hasser
M. F. Kagnoff
P. Mason
R. L. Terjung

European Editorial Committee

O. Petersen, *Chairman*
Department of Physiology
University of Liverpool
Liverpool L69 3BX, United Kingdom

P. Bie, *Denmark*
A. Konnerth, *Germany*
M. Lazdunski, *France*
L. Santella, *Italy*
L. Snoeckx, *Netherlands*
A. Spät, *Hungary*
E. Sykova, *Czech Republic*
C. Wollheim, *Switzerland*

Associate Member

J. Koeslag, *South Africa*

Corresponding Members

B. Martinac, *Australia*
M. Cereijido, *Mexico*
Y. Kidokoro, *Japan*

Ex officio

M. Reich, *Director of Publications
and Executive Editor*
D. Benos, *President*
M. Frank, *Executive Director*

Physiological Reviews (ISSN 0031-9333) is published quarterly (January, April, July, October) by the American Physiological Society, 9650 Rockville Pike, Bethesda, MD 20814-3991 and online at www.prv.org (ISSN 1522-1210). Phone: 301-634-7070 FAX: 301-634-7243

E-mail: info@the-aps.org

Subscriptions: (prepaid) Institutions (print and online): US \$425, Canada & Mexico \$445, elsewhere \$465. Institutions (online only): \$350. Institutions (print only): US \$410, Canada & Mexico \$430, elsewhere \$450. Nonmember individual (print and online): US \$295, Canada & Mexico \$315, elsewhere \$335. Nonmember individual (online only): \$235. Nonmember individual (print only): US \$270, Canada & Mexico \$290, elsewhere \$310. APS members (print and online): US \$125, Canada & Mexico \$145, elsewhere \$165. Payable in US currency only. Subscriptions accepted on a calendar-year basis only. *Single copies/back issues:* \$125 prepaid. Periodicals postage paid at Bethesda, MD and at additional mailing offices. *Subscriptions and orders to:* Physiological Reviews, 9650 Rockville Pike, Bethesda, MD 20814-3991. Phone: 301-634-7180. **Postmaster:** Send address changes to Physiological Reviews, 9650 Rockville Pike, Bethesda, MD 20814-3991.

Change of Address: Please allow at least six weeks and include both the old and new address. Undelivered copies resulting from an address change will not be replaced.

Copyright © 2006 by the American Physiological Society. Printed in the United States of America by Cadmus Professional Communications—Ephrata Division, Ephrata, PA 17522. Code at the bottom of the first page of an article indicates copyright owner's consent that copies may be made beyond that permitted by sections 107 and 108 of the US Copyright Law, unless copies are for general distribution, advertising, creating new works, or resale, provided the per-copy fee is paid through the Copyright Clearance Center, Inc., 222 Rosewood Drive, Danvers, MA 01923, USA. 0031-9333/06 \$18.00

Editor

S. L. Hamilton: Phone: 713-798-5704
FAX: 713-798-5441
E-mail: susanh@bcm.tmc.edu

Director of Publications/Executive Editor
Margaret Reich: 301-634-7071

Editorial Manager

Mark Goodwin: 301-634-7072

Peer Review Manager

Gilbert Ebner: 301-634-7974

Journal Copy Editor (Manuscripts in Production)

Maria Kuhrmann: 301-634-7070

Manager of Scientific Illustrations

Scott Weldon: 713-926-2633