The Journal of Pharmacology and Experimental Therapeutics
A Publication of the American Society for Pharmacology and Experimental Therapeutics
Founded by John J. Abel - 1908

Rick G. Schnellmann, Editor
Craig C. Beeson, Assistant Editor

Darrell R. Abernethy
Ian Adcock
Jerry J. Bucquafossu
Philip S. Burton
David B. Bylund
Paul Ernsberger

ASSOCIATE EDITORS
Norbert E. Kaminiski
Raouf A. Khalil
Daniel R. Knapp
Lawrence H. Lash
Roberto Levi

Louis M. Luttrell
David S. Miller
Richard A. Morrisett
A. Leslie Morrow
Michael J. O’Neill

Bryan L. Roth
Robert A. Roth
Roland Seifert
Kenneth D. Tow
Stephanie W. Watts
Alice M. Young

EDITORIAL ADVISORY BOARD
Geoffrey W. Abbott
Thomas J. Abbruscato
Peter Abel
Edson X. Albuquerque
Thomas M. Argentiener
Bork Balkan
William A. Banks
Jack M. Bergman
Daniel C. Bertrand
Italo Biaggioni
C. Paul Bianchi
Floyd E. Bloom
Jean-Marie Boeynaems
Franco Borsini
Marco Brotto
Nancy Brown
John Chappie
Lucio G. Costa
Brian M. Cox
Bryan F. Cox
Bruce N. Cronstein
Brian Cummings
M. Imad Damaj
William C. deGroat
Russell Delude

Patrick Dougherty
Frederick J. Ehret
John L. Evenden
Steven J. Feinmark
Giora Z. Feuerstein
Stephen P. Feinlin
Anthony W. Fox
Charles P. France
Alan Frazer
Gert Friktor
Ryder Ryan
Bernhard W. Futscher
James J. Galligan
Vadnal Ganapathy
Patricia E. Ganey
Richard A. Gillis
Gary Gintant
John R. Gowla
Murali Gopalakrishnan

Instructions to Authors: See http://jpet.aspetjournals.org for the Instructions to Authors and the ASPET Authorship Responsibility, Financial Disclosure, and Copyright Transfer form.

Correspondence concerning editorial matters should be addressed to Dr. Rick G. Schnellmann, Editor, The Journal of Pharmacology and Experimental Therapeutics, at the above address.

Official version: The online version of The Journal of Pharmacology and Experimental Therapeutics contains all of the information and material contained in the print version plus additional material that may not appear in print such as videos and large data sets. The online version may be more current than the print version. Where noted, the online version has been corrected in departure from the print version. The online version of The Journal of Pharmacology and Experimental Therapeutics officially published by the American Society for Pharmacology and Experimental Therapeutics is the definitive version and, to the extent any difference exists, will prevail over the print version.

Instructions to Authors: See http://jpet.aspetjournals.org for the Instructions to Authors and the ASPET Authorship Responsibility, Financial Disclosure, and Copyright Transfer form.

Correspondence concerning subscriptions: Nonmember individual and institutional subscriptions: ASPET Subscriptions Dept., Rm. L-2310, 9650 Rockville Pike, Bethesda, MD 20814-3995; telephone: 301-634-7065; fax: 301-634-7066; email: subscriptions@aspet.org. ASPET Members: contact the ASPET office. For European site: ASPET Subscriptions Dept., Rm. L-2310, 9650 Rockville Pike, Bethesda, MD 20814-3995; telephone: 301-634-7065; fax: 301-634-7066; email: subscriptions@aspet.org.

Change of address: ASPET must be notified 60 days in advance. Journals undeliverable because of incorrect address will be destroyed. Duplicate copies may be obtained, if available, from ASPET at the single copy price. Send address changes to the ASPET office.

Reprints of individual articles are available from the authors and from Infotrieve at 5971 or email orders@infotrieve.com. Please send as much citation information as possible such as journal title, volume issue, page number, year, authors, article title, etc.

Reprints in large quantities for commercial or academic use may be purchased from the publisher. For information and prices, call 301-634-7063.

Disclaimer: The statements and opinions contained in the articles of The Journal of Pharmacology and Experimental Therapeutics are solely those of the individual authors and contributors and not of The American Society for Pharmacology and Experimental Therapeutics. The appearance of advertisements in the journal is not a warranty, endorsement, or approval of the products of safety. The American Society for Pharmacology and Experimental Therapeutics disclaims responsibility for any injury to persons or property resulting from any ideas of products referred to in the articles or advertisement.