Journals Director: Randy D. Blakely, Joël Bockaert, H. Alex Brown, Paul Dent, Alfred L. George, Steven Grant, Richard B. Kim, Dianne M. Perez, Gary L. Johnson, Minireview Editor

**EDITORIAL AND ADVISORY BOARD**

Myles Akabas  
Carmen J. Allegra  
Yehuda G. Assaraf  
Jacques Barhanin  
Tamas Bartfai  
Jeffrey L. Benovic  
Nigel J.M. Birdsall  
Kendall J. Blumer  
Gary M. Bokoch  
Michel Bouvier  
Christopher Bradfield  
Thomas P. Burris  
William A. Catterall  
Arthur Christopoulos  
Richard B. Clark  
Jonathan B. Cohen  
John W. Daly  
Erik De Clercq  
Phillip A. Dennis  
David L. Dewitt  
George Dubyak  
Ronald S. Duman  
Frederick J. Ehlera  
Daniel J. Fernandes  
Michael Freisnuth  
Yoshiaki Fujii-Kuriyama  
James C. Garrison  
Ulrik Gether  
Robert J. Glazer  
Catherine Godson  
Frank J. Gonzalez  
Michael M. Gottesman  
Robert M. Graham  
Jennifer R. Grandis  
Lee M. Graves  
Heidi Hamm  
R. Adron Harris  
John R. Heiner  
John Hickman  
Susan Band Horwitz  
Peter J. Houghton  
Robin Irvine  
Karl H. Jakobs  
Jonathan Javitch  
Candace Johnson  
Daniel J. Farnandez  
Erik F. Johnson  
Eric F. Johnson  
Marcelo Kazanietz  
Brian Kobilka  
Herman Koepsell  
Ping Yee Law  
L.M. Fredrik Leeb-Lundberg  
Lian Li  
Stephen B. Liggett  
Thomas M. Lincoln  
Joel Linden  
Richard B. Lock  
Sophie Lotersztajn  
Robert L. Macdonald  
Peter MacKenzie  
David Manning  
Richard Marais  
Donald H. Maurice  
Andrew McCammon  
James O. McNamara  
Kathryn E. Meier  
Martin Michel  
Laurence Miller  
Graeme Milligan  
T. J. Murphy  
Neil M. Nathanson  
Mark T. Nelson  
Eric J. Nestler  
Richard R. Neubig  
Kim A. Neve  
Robert A. Nicholas  
Sanjay K. Nigam  
R. Alan North  
Paul Ortiz De Montellano  
Robert E. Osvald  
Krzysztof Paleszewski  
Gavril W. Pankhurst  
Jean-Pierre Pin  
Lorenz Pollinger  
Yves G. Pommer  
Garth Powis  
Morton Printz  
Alvaro Puga  
Linda C. Quattrochi  
John J. Reiners, Jr.  
Michael Robinson  
Michael A. Rogawski  
Elliott M. Ross  
Bryan L. Roth  
Carol A. Rouzer  
Arnold E. Ruoho  
Elaine Sanders-Bush  
Thue W. Schwartz  
David R. Sibley  
Jill Siegfried  
Shivendra V. Singh  
Paul C. Sterneweiss  
Stephen F. Traynelis  
David J. Waxman  
David S. Weiss  
Jurgen Wess  
Michael M. White  
Keith Williams  
Richard D. Ye

**BOARD OF PUBLICATIONS TRUSTEES**

Brian M. Cox, Chair; P. Jeffrey Conn, Ross Feldman, Lorraine J. Gudas, Eric F. Johnson, John S. Lazo, Edward T. Morgan, Richard R. Neubig, Richard G. Schnellmann, Darryle D. Schoep, and Mary Vore

**ASPET EXECUTIVE OFFICER:** Christine K. Carrico

**Journals Director:** Richard Dodenhoff  
**Managing Editor:** Jill Filler  
**Senior Editorial Coordinator:** Dan Collinge

Journal and ASPET Office: 9650 Rockville Pike, Bethesda, MD 20814-3995; telephone: 301-634-7060; fax: 301-634-7061; email: info@aspet.org; web site: www.aspet.org.

Correspondence regarding editorial matters should be addressed to Dr. Paul A. Insel, Editor, Molecular Pharmacology, at the above address.

Official version: The online version of Molecular Pharmacology 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 Molecular Pharmacology 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://molpharm.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 20814-3998; telephone: 301-634-7029; fax: 301-634-7099; email: staff@dues.faseb.org. ASPET Members: contact the ASPET office. For European site licenses and consortia, contact: David Charles, Institutional Sales & Licensing, 92 avenue du General de Gaulle, 78600 Maisons-Laffitte, France: telephone: +33-1-39-12-29-29; fax: +33-1-39-12-47-45; email: dlcharles@wanadoo.fr. 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.

**Issue Replacement Policy: Domestic Subscribers**—Claims for nondelivery of issues must be made within six (6) months of issue mail date. Missing issues (domestic and foreign)—ASPET will not honor refunds or replacement requests made outside of the claim time period. Up to two (2) issues will be replaced free of charge per subscription year.

**Reprints of individual articles** are available from the authors and from Infotrieve at www.infotrieve.com; otherwise call 800-422-4633, fax 310-208-5971, 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.

Copyright Information: Molecular Pharmacology is copyrighted by The American Society for Pharmacology and Experimental Therapeutics. Photocopying of articles beyond that permitted by Sections 107 and 108 of the U.S. Copyright Law is allowed, provided that the $20.00-per-copy fee is paid through the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923. Classroom photocopying is permitted at no fee, provided that students are not charged more than the cost of duplication. This consent does not extend to other kinds of copying. Reproduction of any portion of an article for subsequent republication requires permission of ASPET. Write to the ASPET office at the above address. Requests should include a statement of intended use as well as explicit specifications of the materials to be reproduced.

Disclaimer: The statements and opinions contained in the articles of Molecular Pharmacology 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.