



pharmacological perspectives from biology, chemistry and genomics

August 2007 Volume 7, Issue 4 www.molinterv.org

DEPARTMENTS

178 Editorial

John S. Lazo

183 Reflections

A Career in Pharmacology Sue Duckles

190 Significant Deciles

ASPET celebrates its centennial anniversary

224 Beyond the Bench

A Sewage Treatment Christie Carrico

226 Nascent Transcripts

Emerging concepts from the recent literature

227 NetResults

Sites of Interest on the World Wide Web

228 Professional Opportunities

Position Openings

229 On Deck

Upcoming Meetings

232 Outliers

mi cartoon



EDITOR

Harry B. Smith

ASSOCIATE EDITOR John W. Nelson

DESIGN & LAYOUT Vizuäl, Inc.

EDITORIAL ADVISORY BOARD John S. Lazo, Chair, U Pittsburg Darrell R. Abernethy, NIH/NIA Susan Amara, *U Pittsburgh* Leslie Z. Benet, *UCSF* Joan Heller Brown, UCSD Bryan Cox, *Abbott*Raymond Dingledine, *Emory U*Sue Duckles, *UC Irvine* Alfred G. Gilman, U Texas SW Randy Hall, Emory U
Ken Harden, U North Carolina
John Hickman, Servier
Dayle Houston*, U North Carolina
Robert S. Kass, Columbia U
Serrine S. Lau, U Arizona
Rebebble Laga, NUCAS (2011) Rochelle Long, NIGMS/NIH Benedict Lucchesi, *U Michigan* Kenneth P. Minneman, *Emory U* Perry Molinoff, *U Pennsylvania* Perry Molinoff, U Pennsylvania Richard R. Neubig, U Michigan Stefan Offermanns, U Heidelberg Carlo Patrono, U Rome David Roman**, U Michigan Alan Sartorelli, Yale U Boris Tabakoff, U Colorado Palmer Taylor, U San Diego Robert Tomko*, U Pittsburgh Ted Torphy, Johnson&Johnson Roger Tsien, UCSD Michael R. Vasko, U Indiana Mary Vore, U Kentucky

Mary Vore, *U Kentucky* Richard M. Weinshilboum, *Mayo*

* Student representative; ** Postdoctoral representative

BOARD OF PUBLICATIONS TRUSTEES

Brian M. Cox Darrell R. Abernethy P. Jeffrey Conn Lorraine Gudas Eric F. Johnson John S. Lazo Edward T. Morgan Richard R. Neubig Rick G. Schnellmann Darryle D. Schoepp Mary Vore

EXECUTIVE OFFICER Christine K. Carrico

JOURNALS DIRECTOR

Richard Dodenhoff

Hichard Dodenhort

Molecular Interventions (ISSN 1534-0384) is published by the

American Society for Pharmacology and Experimental Therapeutics,
9550 Rockville Pike, Bethesda, MD 20814-3995. Published bimonthly in
February, April, June, August, October, and December. Annual subscription rates: U.S.: \$240 for institutions and \$98 for individuals. Outside
the U.S.: \$261 for institutions and \$99 for individuals. The subscription
price to ASPET members (\$30) is included in membership dues. Single
issue: \$44. Subscriptions include access to the online version of M/at molinterv.org (ISSN 1543-2548). Indexed or abstracted by Biochemistry & Biophysics Citation Index, EMBASE/Excerpta Medica, Index to

a Biophysics citation fines, Eviboacy Except a Weblad, flock to Science, PubMed/Medline, and Science Citation Index-Expanded.

Advertising (FASEB AdNet): 301-634-7103; adnet@faseb.org.

Editorial: 301-634-7790; mi@aspet.org. Subscriptions: 301-634-7099; staff@dues.faseb.org. ASPET: 301-634-7099; info@aspet.org.

Statements and opinions contained in the articles of Molecular International Control of the Aspect of Molecular International Control of the Aspect of Molecular International Control of Contro

Interventions 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 Molecular Interventions is not a warranty, endorsement, or approval of the products or their safety. The American Society for Pharmacology and Experimental Therapeutics disclaims responsibility for any injury to persons or property resulting from any ideas or products referred to in the articles or advertisements.

the articles or advertisements.

Molecular Interventions is copyrighted by the American Society for Pharmacology and Experimental Therapeutics. Photocopying of articles beyond that permitted by Sections 107 or 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, Beproduction of any portion of an article for subsequent republication requires permission of the copyright owner. Write to ASPET Copyright Dept., 9650 Rockville Pike, Bethesda, MD 20814-3995. MD 20814-3995

Postmaster: Send address changes to Molecular Interventions, ASPET, 9650 Rockville Pike, Bethesda, MD 20814-3995.

