DRUG METABOLISM AND DISPOSITION
A Publication of the American Society for Pharmacology and Experimental Therapeutics
Founded by Kenneth C. Leibman—1973

Xinxin Ding, Editor

ASSOCIATE EDITORS
Wayne L. Backes, Deepak K. Dalvie, Robert S. Foti, Nina Isoherranen,
J. Steven Leeder, R. Scott Obach, Mary Paine, David S. Riddick, John D. Schuetz,
and Aiming Yu

MINIREVIEWS EDITORS
Yurong Lai and Xiao-bo Zhong

SCIENTIFIC ADVISORY BOARD
M.W. Anders, Frederick P. Guengerich, James R. Halpert, Magnus Ingelman-Sundberg, Eric F. Johnson,
Anthony Y. Lu, Bettie Sue Masters, Edward T. Morgan, and Paul R. Ortiz De Montellano

EDITORIAL BOARD MEMBERS
Lauren Aleksunes, Pieter P.J. Annaert, Upendra Argikar,
Thomas Baillie, Huichang Bi, Michael Cameron,
Matthew A. Cerny, Eric Chan,
Thomas K.H. Chang, Cuiping Chen,
Nathan Cherrington, Uwe Christians,
Julia Cui, Raymond Evers, Aleksandra Galetin,
Kerry Goralski, Raj Govindarajan, Bruno Hagenbuch,
Min Huang, W. Griffith Humphreys, J. Matthew Hutzler,
Margaret O. James, Hyunyoung Jeong,
Amit S. Kalogutkar, Hironuki Kusuhara, Lawrence H. Lash,
Elaine Leslie, Chuan Li,
Xiaochao Ma, Kazuya Maeda, Don Mager,
Qingcheng Mao, José J.G. Marín, Donald Mercante,
Grover P. Miller, Swati Nagar,
Baitang Ning, K. Sandy Pang, Micheline Piquette-Miller,
Bhalgawat Prasad, Brooke Rock, Aarti Sawant-Basak,
Emily E. Scott, Michael Sinz, Raju Subramanian,
Yun K. Tam, Ikumi Tamai, Mitchell E. Taub,
Rommel Tirona, Brad Urquhart, Jan Wahlstrom,
Joanne Wang, Ronald E. White, Fang Xie,
Wen Xie, Shinji Yamazaki, Maciej Zamec-Gliszczynski,
Su Zeng, Donglu Zhang, Jiang Zheng,
and Michael Zientek

PUBLICATIONS COMMITTEE
Kenneth D. Tew, Chair; Laura Bohn, Lynette Daws, Xinxin Ding, Beverley Greenwood-Van Meerveld, Michael F. Jarvis, J. Steven Leeder,
Adriano Marchese, Kathryn E. Meier, Gary O. Rankin, Susan Wood; and Mohamed Ghonim, ex officio Young Scientist Representative

ASPET EXECUTIVE OFFICER: Dave Jackson
Publications Director: Maria Pasho
Senior Journal Operations Manager: Jacqueline Perry
Peer Review Coordinator: Kristine Styron

Change of IP addresses: ASPET will help institutional subscription administrators update IP address ranges as requested. Subscription administrators can make these changes at the journal site using their account user name and password.

Reprints of individual articles are available from the journal web site using the pay-per-view option for nonsubscribers.

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

Copyright information: Drug Metabolism and Disposition is copyrighted by the American Society for Pharmacology and Experimental Therapeutics. All permissions requests are processed through the Copyright Clearance Center (CCC), Inc. at https://www.copyright.com/get-permissions. Photocopying or printing articles beyond that permitted by Sections 107 and 108 of the U.S. Copyright Law is allowed, provided that the $35.00-per-copy fee is paid through the CCC. Reproduction of any portion of an article for subsequent republication requires permission of ASPET.

Disclaimer: The statements and opinions contained in the articles of Drug Metabolism and Disposition 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 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 any article or advertisement.

Copyright © 2022 by the American Society for Pharmacology and Experimental Therapeutics. All rights reserved.