

MOLECULAR PHARMACOLOGY

EDITOR: T. KENDALL HARDEN, *University of North Carolina*

ASSOCIATE EDITORS: RAYMOND J. DINGLEDINE, *Emory University*
R. L. JULIANO, *University of North Carolina*
JAMES W. PUTNEY, JR., *National Institute of Environmental Health Sciences*
KENNETH D. TEW, *Fox Chase Cancer Center, Philadelphia*
RONALD G. THURMAN, *University of North Carolina*

EDITORIAL ASSISTANT: ANN T. MCCUTCHAN

EDITORIAL AND ADVISORY BOARD

- EARL F. BARIL, *Worcester Foundation for Experimental Biology*
JOSEPH R. BERTINO, *Sloan-Kettering Institute for Cancer Research*
N. J. M. BIRDSALL, *National Institute for Medical Research, Mill Hill*
JOËL BOCKAERT, *Centre CNRS-INSERM de Pharmacologie et Endocrinologie, Montpellier, France*
CHARLES O. BROSTROM, *UMDNJ-Robert Wood Johnson Medical School*
JOAN HELLER BROWN, *University of California, San Diego*
GILLIAN BURGESS, *Sandoz Institute for Medical Research*
MARC G. CARON, *Duke University*
BRIAN M. COX, *Uniformed Services University of the Health Sciences*
IAN CREESE, *Rutgers-State University of New Jersey*
JOHN W. DALY, *National Institutes of Health*
ERIK DE CLERCQ, *University of Leuven*
RICHARD A. F. DIXON, *Texas Biotechnology Corporation*
FREDERICK J. EHLERT, *University of California, Irvine*
STEVEN K. FISHER, *University of Michigan*
JAMES C. GARRISON, *University of Virginia Health Sciences Center*
ALFRED G. GILMAN, *University of Texas Health Sciences Center, Dallas*
ROBERT I. GLAZER, *Georgetown University*
DORA B. GOLDSTEIN, *Stanford University*
FRANK J. GONZALEZ, *National Institutes of Health*
MICHAEL M. GOTTESMAN, *National Cancer Institute*
F. PETER GUENGERICH, *Vanderbilt University*
PAUL A. INSEL, *University of California, San Diego*
KARL H. JAKOBS, *University of Heidelberg*
ERIC F. JOHNSON, *Scripps Clinic and Research Foundation*
GARY JOHNSON, *National Jewish Center, Denver*
LAURENCE S. KAMINSKY, *State of New York Department of Health*
LEMONT B. KIER, *Medical College of Virginia*
DENNIS R. KOOP, *Oregon Health Sciences University*
DONALD W. KUFE, *Dana Farber Cancer Institute*
ROBERT J. LEFKOWITZ, *Duke University*
WAYNE LEVIN, *Hoffmann-La Roche Inc.*
LEE E. LIMBIRD, *Vanderbilt University*
THOMAS M. LINCOLN, *University of Alabama at Birmingham*
VICTOR LING, *The Ontario Cancer Institute*
GILDA H. LOEW, *Molecular Research Institute*
ROBERT L. MACDONALD, *University of Michigan*
MICHAEL E. MAGUIRE, *Case Western Reserve University*
VINCENT MANGANIELLO, *National Institutes of Health*
MARK L. MAYER, *National Institutes of Health*
JAMES O. MCNAMARA, *Duke University*
KEITH W. MILLER, *Harvard University*
RICHARD J. MILLER, *University of Chicago*
KENNETH P. MINNEMAN, *Emory University*
PERRY B. MOLINOFF, *University of Pennsylvania*
STEFAN R. NAHORSKI, *University of Leicester*
RICHARD R. NEUBIG, *University of Michigan*
RICHARD W. OLSEN, *University of California, Los Angeles*
PAUL R. ORTIZ DE MONTELLANO, *University of California, San Francisco*
GERRY S. OXFORD, *University of North Carolina*
RICHARD M. PHILPOT, *National Institute of Environmental Health Sciences*
ALAN POLAND, *University of Wisconsin*
H. P. RANG, *Sandoz Institute for Medical Research*
TIMOTHY J. RINK, *Amylin Corporation*
MICHAEL SCHIMERLIK, *Oregon State University*
ARNOLD SCHWARTZ, *University of Cincinnati*
KENNETH B. SEAMON, *Food and Drug Administration*
IAN C. P. SMITH, *National Research Council of Canada, Ottawa*
GARY L. STILES, *Duke University*
JOHN F. TALLMAN, *Neurogen Corporation*
PALMER TAYLOR, *University of California, San Diego*
DAVID J. TRIGGLE, *SUNY at Buffalo*
JAMES R. TRUDELL, *Stanford University*
O. H. VIVEROS, *Wellcome Research Laboratories*
MICHAEL J. WARING, *University of Cambridge*
DAVID J. WAXMAN, *Harvard Medical School*
HAREL WEINSTEIN, *Mount Sinai School of Medicine*
JACK N. WELLS, *Vanderbilt University*
MICHAEL M. WHITE, *Medical College of Pennsylvania*
BARRY B. WOLFE, *Georgetown University*

BOARD OF PUBLICATIONS TRUSTEES

KENNETH E. MOORE, Chairman
KAY A. CROKER, Executive Officer

ARTHUR J. ATKINSON JR.
WILLIAM A. CATTERALL
MARLENE L. COHEN
T. KENDALL HARDEN
JOHN A. HARVEY

HORACE LOH
MARCUS M. REIDENBERG
ROBERT E. STITZEL
VINCENT G. ZANNONI