MOLECULAR PHARMACOLOGY

EDITOR: WILLIAM A. CATTERALL, University of Washington

ASSOCIATE EDITORS: JOSEPH A. BEAVO, University of Washington
MONT R. JUCHAU, University of Washington
NEIL M. NATHANSON, University of Washington
DANIEL R. STORM, University of Washington
FRANK F. VINCENZI, University of Washington

EDITORIAL ASSISTANT: JOAN M. BURTON, University of Washington

EDITORIAL AND ADVISORY BOARD

EARL F. BARIL, Worcester Foundation for Experimental Biology
R. B. BARLOW, University of Bristol
N. J. M. BIRDSALL, National Institute for Medical Research, Mill Hill
JOËL BOCKAERT, Centre CNRS-INSERM de Pharmacologie et Endocrinologie, Montpellier, France
BRUCE MCIL BRECKENRIDGE, UMDNJ-Robert Wood Johnson Medical School
THEODORE M. BRODY, Michigan State University
CHARLES O. BROSTROM, UMDNJ-Robert Wood Johnson Medical School
JOAN HELLER BROWN, University of California, San Diego
MARC G. CARON, Duke University
COLIN F. CHIGNELL, National Institute of Environmental Health Sciences
BRIAN M. COX, Uniformed Services University of the Health Sciences
IAN CREESE, Rutgers-State University of New Jersey
STANLEY T. CROOKE, Smith, Kline & French Laboratories
JOHN W. DALY, National Institute of Arthritis, Diabetes, and Digestive and Kidney Diseases
ALFRED G. GILMAN, University of Texas Health Sciences Center, Dallas
ROBERT I. GLAZER, National Cancer Institute
DAVID V. GODIN, University of British Columbia
AVRAM GOLDSTEIN, Addiction Research Foundation, Palo Alto
DORA B. GOLDSTEIN, Stanford University
FRANK J. GONZALEZ, National Institutes of Health
PHILIP GUEZELIAN, Medical College of Virginia
ROBERT P. HANZLIK, University of Kansas
T. KENDALL HARDEN, University of North Carolina
PAUL A. INSEL, University of California, San Diego
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
DONALD W. KUFE, Dana Farber Cancer Institute
ROBERT J. LEPKOWITZ, Duke University
WAYNE LEVIN, Hoffmann-La Roche Inc.
MICHAEL E. MAGUIRE, Case Western Reserve University
VINCENT MANGANELLO, National Institutes of Health
KEITH W. MILLER, Harvard University
RICHARD J. MILLER, University of Chicago
KENNETH P. MINNEMAN, Emory University
PERRY B. MOLINOFF, University of Pennsylvania
PAUL R. ORTIZ DE MONTELLANO, University of California, San Francisco
RICHARD M. PHILPOT, National Institute of Environmental Health Sciences
ALAN POLAND, University of Wisconsin
JAMES W. PUTNEY, JR., National Institute of Environmental Health Sciences
H. P. RANG, University College, London
JOHN B. SCHENKMAN, University of Connecticut
ARNOLD SCHWARTZ, University of Cincinnati
KENNETH SEAMON, National Institutes of Health
IAN C. P. SMITH, National Research Council of Canada, Ottawa
JOHN F. TALLMAN, Yale University
PALMER TAYLOR, University of California, San Diego
JAMES R. TRUDELL, Stanford University
WYLIE W. VALE, Salk Institute, San Diego
O. H. VIVEROS, Wellcome Research Laboratories
MICHAEL J. WARING, University of Cambridge
HAREL WEINSTEIN, Mount Sinai School of Medicine
J. N. WELLS, Vanderbilt University
BARRY B. WOLFE, University of Pennsylvania
SUZANNE ZUKIN, Albert Einstein College of Medicine

BOARD OF PUBLICATIONS TRUSTEES

WILLIAM W. FLEMING, Chairman
KAY A. CROKER, Executive Officer

JAMES A. BAIN
JEREMY R. MITCHELL

JOSEPH R. BIANCHINE
MARCUS M. REIDENBERG

WILLIAM A. CATTERALL
IRVING I. A. TABACHNICK

EVA KING KILLAM
PALMER TAYLOR

HORACE LOH
VINCENT G. ZANNONI