

VOLUME 175

OCTOBER-DECEMBER

1970

THE JOURNAL OF
Pharmacology

AND EXPERIMENTAL THERAPEUTICS

FOUNDED BY JOHN J. ABEL 1909

*Official Publication of The American Society for
Pharmacology and Experimental Therapeutics, Inc.*

EDITOR

MARION DEV. COTTEN

EDITORS FOR SPECIFIC FIELDS

Analgesia and Drug Abuse

Joseph Cochin

Autonomic Pharmacology

J. Richard Crout

William W. Fleming

Behavioral Pharmacology

Bernard Weiss

Biochemical Pharmacology

Vincent G. Zannoni

Cardiovascular Pharmacology

Henry H. Swain

Cell Pharmacology

John R. Blinks

Drug Metabolism and Disposition

Milton T. Bush

Kenneth P. DuBois

Neuroendocrine Pharmacology

Alfred Heller

Neuropharmacology

William K. Riker

Renal Pharmacology

Irwin M. Weiner

Toxicology

Gabriel L. Plaa

EDITORIAL ADVISORY BOARD

Julius Axelrod

Lloyd Beck

William O. Berndt

Michael J. Brody

Theodore M. Brody

George A. Condouris

Theodore Cooper

E. E. Daniel

D. Joseph Demis

G. A. Deneau

Peter E. Dresel

Ronald W. Estabrook

Thomas E. Gaffney

William F. Ganong

James R. Gillette

Jack Peter Green

Anthony J. Hance

Louis S. Harris

David Jacobowitz

R. T. Kelleher

Ronald G. Kuntzman

S. Morris Kupchan

Victor G. Laties

Bernard Levy

Benedict R. Lucchesi

Harriet M. Maling

Bernard H. Marks

Steven E. Mayer

John A. Oates

Lincoln T. Potter

Arnold Schwartz

Charles B. Smith

Frank G. Standaert

C. D. Thron

Elwood O. Titus

U. Trendelenburg

Joan Vernikos-

Danellis

Andrew G. Wallace

Douglas R. Waud

Norman Weiner

Herbert Weissbach

Albert Weissman

Martin M. Winbury

Richard J. Wurtman

BOARD OF PUBLICATIONS TRUSTEES

EDWARD J. CAFRUNY, *Chairman*; MARION DEV. COTTEN, ROBERT F. FURCHGOTT, GEORGE H. MANDEL,
WALTER MODELL, PAUL TALALAY, E. LEONG WAY, W. CLARKE WESCOE

EXECUTIVE OFFICER OF THE SOCIETY

ELLSWORTH B. COOK

JPETAB