

The Journal of PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS

*A Publication of The American Society
for Pharmacology and Experimental Therapeutics*

Founded by John J. Abel 1909

Editor	Eva King Killam		
Assistant Editor	Mannfred A. Hollinger		
Editors for Specific Fields	<i>Analgesia and Drug Abuse</i> Joseph Cochlin <i>Autonomic Pharmacology</i> Robert E. Stitzel <i>Behavioral Pharmacology</i> John A. Harvey <i>Cardiovascular Pharmacology</i> Henry R. Besch, Jr. Theodore M. Brody Donald V. Priola <i>Cell Pharmacology</i> Toshio Narahashi George B. Weiss	<i>Chemotherapy</i> H. George Mandel <i>Developmental Pharmacology</i> Bernard L. Mirkin <i>Drug Metabolism and Disposition</i> Edward Bresnick Vincent G. Zannoni <i>Endocrine Pharmacology</i> Paula H. Stern <i>Gastrointestinal Pharmacology</i> Thomas F. Burks	<i>Immunopharmacology</i> Sydney Spector <i>Neuropharmacology</i> S. J. Enna A. James Hance Charles O. Rutledge <i>Pulmonary Pharmacology</i> Mannfred A. Hollinger <i>Renal Pharmacology</i> William O. Berndt <i>Toxicology</i> Curtis D. Klaassen
Editorial Advisory Board	Martin W. Adler Edson X. Albuquerque Edmund G. Anderson Lewis Aronow Leslie E. Bailey Michael D. Bailie Robert L. Balster Paul Bass John A. Bevan C. Paul Bianchi Leslie C. Blaber David A. Blake Floyd E. Bloom Gary Brooker Carl K. Buckner David B. Bylund Theodore J. Cicero Doris H. Clouet Leonard Cook E. E. Daniel William C. de Groat Walter R. Dixon J. W. Downie Linda Dykstra Hugh L. Evans James A. Ferrendelli Lawrence J. Fischer William W. Fleming Ray W. Fuller Timothy S. Gagarella Gerard L. Gebber James W. Gibb Shri N. Giri	Dora B. Goldstein Frank R. Goodman Charles W. Gorodetzky Garrett J. Gross T. Kendall Harden Harold F. Hardman Louis S. Harris Richard J. Head Philip C. Hoffmann Jordan L. Holtzman Stephen G. Holtzman Jerry B. Hook David M. Jacobowitz Donald R. Jasinski Alain F. Junod S. M. Kirpekar Conan Kornetsky Edwin A. Kroeger Wayne Levin Louis Levy George E. Lindenmayer Walter Lovenberg Benedict R. Lucchesi K. U. Malik John C. McGiff Donald E. McMillan Jerry Mitchell Perry B. Molinoff W. H. Morse Jose M. Musacchio Mary J. Mycek Robert A. Neal Achilles J. Pappano	William A. Pettinger Larissa A. Pohorecky James W. Putney, Jr. Arthur Raines Barbara Rennick G. Alan Robison C. R. Ross Ronald P. Rubin Robert R. Ruffolo, Jr. Betty I. Sasyniuk Arnold Schwartz Lewis S. Seiden Eric J. Simon Roger P. Smith John L. Sutko Robert I. Taber A. E. Takemori Robert E. Ten Eick Thomas R. Tephly Richard E. Tessel C. D. Thron U. Trendelenburg Betty M. Twarog Norman J. Uretsky Martin A. Wasserman I. M. Weiner Benjamin Weiss Richard M. Welch David P. Westfall Martin M. Winbury Barry B. Wolfe Ben G. Zimmerman
Board of Publications Trustees	Norman Weiner, <i>Chairman</i> James A. Bain Allen H. Conney George I. Drummond	Leon I. Goldberg Eva King Killam Norman Kirshner Kenneth C. Leibman	Walter Modell Paul L. Munson Clement A. Stone
Acting Executive Officer	Kay Croker		