

# PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR

Founded by MATTHEW J. WAYNER

---

## *US Editor-in-Chief*

GEORGE F. KOOB  
Department of Neuropharmacology, CVN7  
The Scripps Research Institute  
10666 N. Torrey Pines Road  
La Jolla, CA 92037, USA  
Fax: (619) 752-1595  
E-mail: gkoob@scripps.edu

## *European Editor-in-Chief*

SANDRA E. FILE  
Psychopharmacology Research Unit  
Guy's Hospital Medical School  
P.O. Box 3448  
London SE1 9QH, UK  
Fax: 44-171-955-4627  
E-mail: pbbeuro@umds.ac.uk

---

## Editorial Advisory Board

LIISA AHTEE, Helsinki, Finland  
LEMBIT ALLIKMETS, Tartu, Estonia  
ROBERT L. BALSTER, Richmond, VA  
GIOVANNI BIGGIO, Cagliari, Italy  
MIKE BRILEY, Castres, France  
ALLAN C. COLLINS, Boulder, CO  
DONALD V. COSCINA, Toronto, Ontario, Canada  
JACQUELINE N. CRAWLEY, Bethesda, MD  
ANNETTE DOMENEY, Geneva, Switzerland  
ADRIAN J. DUNN, Shreveport, LA  
BURR EICHELMAN, Philadelphia, PA  
WILLIAM J. FREED, Washington, DC  
MANUEL FREIRE-GARABAL, Santiago De Compostela, Spain  
RICHARD A. GLENNON, Richmond, VA  
F. G. GRAEFF, São Paulo, Brazil  
M. R. C. GREENWOOD, Davis, CA  
ROLAND R. GRIFFITHS, Baltimore, MD  
STEPHEN G. HOLTZMAN, Atlanta, GA  
AKIRA HORITA, Seattle, WA  
CHRIS E. JOHANSON, Baltimore, MD  
HAROLD KALANT, Toronto, Ontario, Canada  
G. JEAN KANT, Washington, DC  
KATHLEEN M. KANTAK, Boston, MA  
CONAN KORNETSKY, Boston, MA

J. DAVID LEANDER, Indianapolis, IN  
EMINY H. Y. LEE, Taipei, Taiwan  
ALLEN S. LEVINE, Minneapolis, MN  
WILLIAM J. McBRIDE, Indianapolis, IN  
DONALD E. McMILLAN, Little Rock, AR  
JACK H. MENDELSON, Belmont, MA  
FATHY S. MESSIHA, Grand Forks, ND  
ROBERT D. MYERS, Greenville, NC  
JUDITH A. PRATT, Glasgow, UK  
JAQUELINE SAGEN, Chicago, IL  
ROSARIO SAMANIN, Milan, Italy  
HERMAN H. SAMSON, Winston-Salem, NC  
PAUL R. SANBERG, Tampa, FL  
PHIL J. SKOLNICK, Bethesda, MD  
LINDA P. SPEAR, Binghamton, NY  
CLARE STANFORD, London, UK  
MARIE-HÉLÈNE THIÉBOT, Paris, France  
DEREK VAN DER KOOY, Toronto, Ontario, Canada  
JEANNE M. WEHNER, Boulder, CO  
BRUNO E. WILL, Strasbourg, France  
J. C. WINTER, Buffalo, NY  
ALICE M. YOUNG, Detroit, MI  
IAN S. ZAGON, Hershey, PA

---

## PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR

### *Managing Editors:*

*In the US:*  
Gery Schulteis  
E-mail: gerschul@risctsm.scripps.edu

*In Europe:*  
Nick Andrews  
E-mail: pbbeuro@umds.ac.uk

### *Production Editor:*

Alayne A. Bakken  
E-mail: A.BAKKEN@ELSEVIER.COM

### *Publishing, Subscription, and Advertising Offices:*

Elsevier Science Inc., 660 White Plains Road, Tarrytown, NY 10591-5153, USA, E-mail Address: ESUK.USA@ELSEVIER.COM; and Elsevier Science Ltd, The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, England

### *Published Monthly*

*Annual Institutional Subscription Rates (1995):* North, Central and South America, US\$1580.00, Rest of World £1060.00. Associated Personal Subscription Rates are available on request for those whose institutions are library subscribers. Sterling prices exclude VAT. Non-VAT registered customers in the European Community will be charged the appropriate VAT in addition to the price listed. Prices include postage and insurance and are subject to change without notice.

*Pharmacology Biochemistry and Behavior* is an official journal of the International Behavioral Neuroscience Society. For information about the society, please contact: Marianne Van Wagner, IBNS Central Office, Division of Life Sciences, The University of Texas at San Antonio, 6900 North Loop 1604 West, San Antonio, TX 78249-0662, USA. E-mail: EDITOFF@LONESTAR.UTSA.EDU; Fax: (210) 691-4510. Members of the International Behavioral Neuroscience Society may order personal subscriptions at a concessional rate; details of this rate are available upon request.