

## Previous Editors

- 1965** Avram Goldstein, *Editor*. Stanford University.
- 1968** Paul Talalay, *Editor*; Donald S. Coffey, *Associate Editor*. Johns Hopkins University.
- 1971** Steven E. Mayer, *Editor*; Palmer W. Taylor, *Associate Editor*. University of California at San Diego.
- 1975** George I. Drummond, *Editor*; H. Joseph Goren, *Associate Editor*. University of Calgary.
- 1978** Norman Kirschner, *Editor*; Theodore A. Slotkin, *Associate Editor*. Duke University.
- 1983** Joel G. Hardman, *Editor*; Lee Limbird, F. Peter Guengerich, *Associate Editors*. Vanderbilt University.
- 1986** William A. Catterall, *Editor*; Joseph A. Beavo, Mont R. Juchau, Neil M. Nathanson, Daniel R. Storm, Frank F. Vincenzi, *Associate Editors*. University of Washington, Seattle.
- 1990** T. Kendall Harden, *Editor*; Raymond J. Dingleline, R. L. Juliano, James W. Putney, Jr., Kenneth D. Tew, Ronald G. Thurman, *Associate Editors*. University of North Carolina at Chapel Hill.



### Williams & Wilkins Quick Copies. Tell us today. Read it tomorrow.

You can get copies of any article published in any Williams & Wilkins journal. It's fast – because we're the primary source, we can fax an article to you within **24 hours** of when we receive your request. It costs less – there are **no copyright fees** and the **cost of faxing is included in the price**. It's affordable – look at the table to the right.

#### RATES, PER ARTICLE

1–5 pages	\$12
6–10 pages	\$15
11–15 pages	\$18
16–20 pages	\$21
21–25 pages	\$24
26+ pages	\$30

Additional charges  
for overnight delivery

Fax, phone, or mail your order to:

**Williams & Wilkins  
Quick Copies**  
351 W. Camden Street  
Baltimore, MD 21201-2436  
Call 1-800-354-9685 (toll free)  
Fax 1-410-528-4458



**Williams & Wilkins**  
A WAVERLY COMPANY

DDSAD 56189

**CYTOSENSOR<sup>®</sup>**  
MICROPHYSIOMETER

# The Only Comprehensive Assay System for Receptor Signaling.

.....  
**THE CYTOSENSOR SYSTEM:  
FUNCTIONAL RESPONSES IN MINUTES**



The **Cytosensor Microphysiometer System** is the latest tool used for drug discovery and signal transduction research! Using a patented biosensor, the system can monitor the receptor-mediated responses from living cells in minutes, producing functional dose responses in just a few hours. Because of the unique biosensor, receptor activation can be studied even without previous knowledge of the signal transduction pathway. Thus, a single assay system can be used to evaluate a variety of receptor families. Previously time-consuming experiments can be performed quickly and easily, making it possible to obtain  $EC_{50}$  and  $IC_{50}$  values in just 4-7 hours<sup>2</sup>; without radioactivity. And novel receptor responses, not seen with other methods, have been observed.

1. Science 257, 1906-1912, (1992) 2. J. NIH Research 5, 69, (1993)

**Call us for an evaluation of your cells and effector agents or for a detailed list of scientific references.**



**G PROTEIN-LINKED RECEPTORS**



**TYROSINE KINASE RECEPTORS**



**LIGAND-GATED ION CHANNELS**



**HEMATOPOIETIC RECEPTORS**

 **Molecular  
Devices**

U.S.A. 1-800-400-9060 (FAX: 408-747-3601)

Germany: 49-898-54-5050 (FAX: 49-898-54-2238)

United Kingdom: 44-293-619579 (FAX: 44-293-619586)