

# Journal of Cellular Biochemistry

Formerly Journal of Supramolecular Structure and Cellular Biochemistry

## EXECUTIVE EDITORS

*In the United States*

C. FRED FOX, Molecular Biology Institute,  
University of California, Los Angeles, CA  
90024-1570

*In Europe*

MAX M. BURGER, Friedrich-Miescher Institut,  
Postfach 2543, CH-4002 Basel, Switzerland

## FIELD EDITORS (United States)

GARTH L. NICOLSON, Department of Tumor Biology  
(108), MD Anderson Cancer Center, 1515 Holcombe  
Blvd, Houston, TX 77030

W. JACKSON PLEDGER, Department of Cell  
Biology, Vanderbilt University School of Medicine,  
Nashville, TN 37232

GARY S. STEIN, Department of Cell Biology,  
University of Massachusetts Medical Center,  
55 Lake Ave North, Worcester, MA 01655

## EDITORIAL BOARD

RICHARD G.W. ANDERSON

MINA J. BISSELL

JUDITH CAMPISI

KERMIT L. CARRAWAY

MOSES V. CHAO

RICHARD A. CLARK

DAVID R. CLEMMONS

CARL M. COHEN

DENNIS D. CUNNINGHAM

MICHAEL P. CZECH

BENOIT DE CROMBRUGGHE

PIERRE DE MEYTS

EDWARD A. DENNIS

EDWARD M. DE ROBERTIS

RIK DERYNCK

JOHN H. ELDER

CHARLES H. EVANS

GERALD D. FASMAN

CARL M. FELDHERR

JOHN H. FESSLER

RICHARD FIRTEL

DONALD A. FISCHMAN

IAN GIBBONS

DAVID W. GOLDE

IRA D. GOLDFINE

EUGENE GOLDWASSER

CURTIS C. HARRIS

MARK R. HAUSSLER

NORMAN B. HECHT

BRIAN HERMAN

HARVEY HERSCHMAN

RICHARD A. HOUGHTEN

R. COLIN HUGHES

TONY HUNTER

GARY R. JACOBSON

GARY L. JOHNSON

EDWARD KELLENBERGER

MICHAEL KLAGSBRUN

JANE B. LIAN

MARC E. LIPPMAN

BRUCE E. MAGUN

HAROLD L. MOSES

MARIT NILSEN-HAMILTON

ANTHONY W. NORMAN

DALE L. OXENDER

RICHARD G. PAINTER

ROGER PATIENT

SHELDON PENMAN

PAUL F. PILCH

ARCHIE W. PRESTAYKO

PHILLIPS W. ROBBINS

GIDEON A. RODAN

RUSSELL ROSS

MILTON H. SAIER

ALAN R. SALTIEL

ERIC M. SHOOTER

ROBERT H. SINGER

GAIL E. SONENSHEIN

THOMAS C. SPELSBERG

ERIC J. STANBRIDGE

E. RICHARD STANLEY

DONALD F. STEINER

CHARLES D. STILES

MARVIN L. TANZER

JEAN PAUL THIERY

GEORGE TODARO

MILAN R. USKOKOVIĆ

KLAUS VON DER MARK, MPG

JAMES WATSON

D. MARTIN WATTERSON

SHERMAN WEISSMAN

KAREL W.A. WIRTZ

## MANAGING EDITOR, 1991 ABSTRACT SUPPLEMENT

BETTY J. HANDY, Keystone Symposia, 2032 Armacost Ave., Los Angeles, CA 90025

Authorization to photocopy items for internal or personal use, or the internal or personal use of specific clients, is granted by Wiley-Liss, Inc. for libraries and other users registered with the Copyright Clearance Center (CCC) Transactional Reporting Service, provided that the base fee of \$00.50 per copy, plus \$00.25 per page is paid directly to CCC, 27 Congress Street, Salem, MA 01970, 0730-2312/90 \$00.50 + .25.

**Journal of Cellular Biochemistry** (ISSN 0730-2312) is published monthly by Wiley-Liss, Inc., 41 East 11th Street, New York, NY 10003, a division of John Wiley & Sons, Inc. Send subscription inquiries to: John Wiley & Sons, Inc., Subscription Department, 7th Floor, 605 Third Avenue, New York, NY 10158.

**Subscription Price:** Volumes 45, 46, and 47 (12 issues), plus Supplement 15 (8 volumes), 1991: \$855 in US; \$1035 outside US. All subscriptions outside the U.S. will be sent by air. Payment must be made in US dollars drawn on a US bank. **Change of Address:** Please forward to the subscriptions address listed above six weeks prior to move; enclose present mailing label with change of address. **Claims for Missing Issues:** Claims for undelivered copies will be accepted only after the following issue has been received. Please enclose a copy of the mailing label or cite your subscriber reference number in order to expedite handling. Missing copies will be supplied when losses have been sustained in transit and where reserve stock permits. Send claims to John Wiley & Sons, Inc., Customer Service, 605 Third Avenue, New York, NY 10158. If claims are not resolved satisfactorily, please write to Susan Malawski, Director, Subscriptions Fulfillment and Distribution, John Wiley & Sons, Inc., 605 Third Avenue, New York, NY 10158.

**Cancellations:** Subscription cancellations will not be accepted after the first issue has been mailed. **Postmaster:** Send address changes to **Journal of Cellular Biochemistry**, Susan Dorato, Director, Subscription Fulfillment and Distribution, John Wiley & Sons, Inc., 605 Third Avenue, New York, NY 10158.

**Indexed by:** Current Contents/Life Sciences • Science Citation Index • Scisearch • Chemical Abstracts • Index Medicus • BIOSIS Data Base • Excerpta Medica • Information Retrieval, Ltd. • Cambridge Scientific Abstracts • Institute for Scientific Information-Soviet Union • Current Opinion in Orthopedics • Current Opinion in Pediatrics • Current Opinion in Cell Biology • Current Opinion in Rheumatology.

The paper on which this journal is printed adheres to the requirements for library/archival stability.

Printed in the United States of America.

Copyright © 1991 Wiley-Liss, Inc.