Number 5 May 1999

The Journal of Nuclear Medicine JUNION



The Official Publication of the Society of Nuclear Medicine, Inc.

The Journal of Nuclear Medicine

JNM

Official Publication of the Society of Nuclear Medicine

THE JOURNAL OF NUCLEAR MEDICINE (ISSN 0161-5505) is published monthly by the Society of Nuclear Medicine, Inc., 1850 Samuel Morse Drive, Reston, VA 20190-5316. Periodicals postage paid at Herndon, VA, and additional mailing offices.

POSTMASTER, send address changes to The Journal of Nuclear Medicine, 1850 Samuel Morse Drive, Reston, VA 20190-5316.

EDITORIAL COMMUNICATIONS dealing with articles currently in review or revision should be sent to:

Editor-in-Chief, Martin P. Sandler, MD JNM Office, Society of Nuclear Medicine 1850 Samuel Morse Drive

Reston, VA 20190-5316 Phone: (703) 708-9000 Fax: (703) 708-9018

BUSINESS COMMUNICATIONS concerning advertising and permission requests should be sent to the publisher, Society of Nuclear Medicine, 1850 Samuel Morse Drive, Reston, VA 20190-5316; (703) 708-9000; home page address: www.snm.org. Subscription requests and address changes should be sent to Membership Department, Society of Nuclear Medicine, at the address above. Notify the Society of change of address and telephone number at least 30 days before date of issue by sending both the old and new addresses. Claims for copies lost in the mail are allowed within 90 days of the date of issue. Claims are not allowed for issues lost as a result of insufficient notice of change of address. Advertisements are subject to editorial approval and are restricted to products or services pertinent to nuclear medicine. Advertising rates are available from the publisher. Closing date is the first of the month preceding the date of issue.

SUBSCRIPTION RATES for the 1999 calendar year are \$170 within the United States; \$180 for Canada and Pan-American countries; \$210 elsewhere. Student subscriptions are \$70 (with proof of student status). Single copies are \$15; foreign \$18; the convention issue (May) is \$18; foreign \$20. Make checks payable to the Society of Nuclear Medicine. CPC IPM Sales Agreement No. 1415158. Sales of individual back copies from 1992 through the current issue are available through Matthews Medical Books, 11559 Rock Island Court, Maryland Heights, MO 63043, (800) 633-2665 or (314) 432-1401. JNM is also available in machine-readable format from University Microfilms International, 300 North Zeeb Road, Ann Arbor, MI 48106, (800) 521-0600.

COPYRIGHT© 1999 by the Society of Nuclear Medicine, Inc. All rights reserved. No part of this work may be reproduced or translated without permission from the copyright owner. Because the copyright on articles published in *The Journal of Nuclear Medicine* is held by the Society, each author of accepted manuscripts must sign a statement transferring copyright. See Information for Authors for further explanation. Available on the web for downloading: www.snm.org.

Publications Committee

R. EDWARD COLEMAN, MD Chairman

ABASS ALAVI, MD
SUSAN A. GILBERT, CNMT
MILTON J. GUIBERTEAU, MD
TOM R. MILLER, MD, PHD
FRANCES L. NEAGLEY, CNMT
PATRICE K. REHM, MD
HEINRICH SCHELBERT, MD, PHD
RONALD S. TIKOFSKY, PHD
DAVID A. WEBER, PHD
SUSAN C. WEISS, CNMT

Ex officio

JAMES W. FLETCHER, MD STANLEY J. GOLDSMITH, MD MICHAEL M. GRAHAM, MD, PHD CONRAD E. NAGLE, MD H. WILLIAM STRAUSS, MD

Associate Director of Publications

MELISSA MCKENNA

Editorial Office Manager

Susan Alexander

Senior Editors SHARON DOYLE

DAWN MURPHY

Associate Editor

STEPHEN POOLE

Advertising Manager

STACEY SILVER

Production Manager

STEVE KLEIN

Managing Director, Communications

JOHN CHILDS, PhD

Executive Director

William J. Bertera