

Eva V. Dubovsky, M.D., Ph.D.  
 Division of Nuclear Medicine  
 University of Alabama Hospital  
 619 19th Street South  
 Birmingham, AL 35294  
 Tel: (205) 934-2140  
 Fax: (205) 934-5589

Teresita Angtuaco, M.D.  
 University of Arkansas for  
 Medical Sciences  
 4301 West Markham (Slot 581)  
 Little Rock, AR 72205  
 Tel: (602) 626-7709

James M. Woolfenden, M.D.  
 Health Services Center  
 Division of Nuclear Medicine  
 University of Arizona  
 1501 North Campbell Avenue  
 Tucson, AZ 85724  
 Tel: (602) 626-7709

Randall A. Hawkins, M.D., Ph.D.  
 Division of Nuclear Medicine  
 and Biophysics  
 UCLA School of Medicine  
 Los Angeles, CA 90024  
 Tel: (310) 825-5450  
 Fax: (310) 206-4899

Michael E. Siegel, M.D.  
 Department of Nuclear Medicine  
 LAC-USC Medical Center  
 1200 North State Street  
 Los Angeles, CA 90033  
 Tel: (213) 226-7858  
 Fax: (213) 226-2280

Lalitha Ramanna, M.D.  
 Cedars-Sinai Medical Center  
 8700 Beverly Blvd.  
 Los Angeles, CA 90048  
 Tel: (310) 855-4216

William H. Bland, M.D.  
 Department of Veterans Affairs  
 Medical Center West Los Angeles  
 Wadsworth Division W115  
 Wilshire & Sawtelle Blvds.  
 Los Angeles, CA 90073  
 Tel: (310) 824-3130  
 Fax: (310) 824-6952

Norah Milne, M.D.  
 VA Medical Center  
 Nuclear Medicine Service  
 5901 East 7th Street  
 Long Beach, CA 90822  
 Tel: (310) 494-5566  
 Fax: (310) 494-5972

Roger Sevrin, M.D.  
 Department of Nuclear Medicine  
 VA Medical Center

*This list includes all AMA-approved residency programs in nuclear medicine. An "X" in the column to the left of the program indicates an opening in the 1993 program. Almost all open programs begin in July. Please contact programs directly for further information. This listing has been prepared under the auspices of the Academic Council.*

1611 Plummer Street  
 Sepulveda, CA 91343  
 Tel: (818) 895-9332  
 Fax: (818) 895-5829

William L. Ashburn, M.D.  
 Division of Nuclear Medicine  
 University Hospital, U.C. Medical Center  
 225 Dickinson Street (H-758)  
 San Diego, CA 92103  
 Tel: (619) 543-6680  
 Fax: (619) 543-1975

I. Ross McDougall, M.D., Ph.D.  
 Division of Nuclear Medicine  
 RM H0115  
 Stanford University Medical Center  
 Stanford, CA 94305  
 Tel: (415) 723-6882  
 Fax: (415) 723-8590

D. K. Shelton, M.D.  
 University of California  
 Davis Medical Center  
 2315 Stockton Blvd.  
 Sacramento, CA 95817  
 Tel: (916) 734-2754  
 Fax: (916) 734-7936

David Price, M.D.  
 Department of Nuclear Medicine  
 University of California, San Francisco  
 Nuclear Medicine, Rm L-340  
 3rd & Parnassus Aves, Box 0252  
 San Francisco, CA 94143-0252  
 Tel: (415) 476-1521  
 Fax: (415) 476-0616

Robert J. Lull, M.D.  
 Department of Nuclear Medicine  
 San Francisco General Hospital  
 1001 Potrero Avenue  
 Bldg 100, Rm 157  
 San Francisco, CA 94110  
 Tel: (415) 206-8580  
 Fax: (415) 206-6929

James L. Lear, M.D.  
 University of Colorado Health  
 Science Center

A-034 Radiology  
 4200 East 9th Avenue  
 Denver, CO 80282  
 Tel: (303) 270-7801  
 Fax: (303) 270-8817

Morakinyo A. O. Toney, M.D.  
 Fitzsimons Army Medical Center  
 Nuclear Medicine Service  
 Aurora, CO 80045-5001  
 Tel: (303) 361-8510

Richard P. Spencer, M.D., Ph.D.  
 Nuclear Medicine Department  
 Health Center, Program A  
 University of Connecticut  
 263 Farmington Avenue  
 Farmington, CT 06030  
 Tel: (203) 679-3120  
 Fax: (203) 679-2164

Shiv M. Gupta, M.D.  
 Department of Nuclear Medicine  
 University of Connecticut  
 Health Center Program B  
 263 Farmington Avenue  
 Farmington, CT 06030  
 Tel: (203) 797-7222  
 Fax: (203) 731-8061

Zachary Rattner, M.D.  
 Department of Diagnostic Radiology  
 Yale University School of Medicine  
 Nuclear Medicine Department  
 333 Cedar Street  
 New Haven, CT 06510  
 Tel: (203) 785-2384  
 Fax: (203) 785-7015

Dr. Harvey Ziessman  
 Division of Nuclear Medicine  
 Gorman #205  
 Georgetown University Hospital  
 3800 Reservoir Road, NW  
 Washington, DC 20007  
 Tel: (202) 784-3360  
 Fax: (202) 784-4667

Vijay M. Varma, M.D.  
 George Washington University  
 Hospital  
 901 23rd Street, NW  
 Washington, DC 20037  
 Tel: (202) 994-3814  
 Fax: (202) 994-0417

Jay H. Anderson, M.D., Col, MC  
 Chief, Nuclear Medicine Service  
 Walter Reed Army Medical Center  
 6825 16th St., NW  
 Washington, DC 20307-5001  
 Tel: (202) 576-0176  
 Fax: (202) 722-2958

## Residency Programs in Nuclear Medicine

- George Sfakianakis, M.D.  
Division of Nuclear Medicine  
Jackson Memorial Hospital  
1611 North West 12th Avenue  
Miami, FL 33101  
Tel: (305) 585-7955  
Fax: (305) 585-0014
- John Vansant, M.D.  
Nuclear Medicine Division  
Emory University Hospital  
1364 Clifton Road NE  
Atlanta, GA 30310  
Tel: (404) 727-4843  
Fax: (404) 727-3889
- Peter T. Kirchner, M.D., Director  
The University of Iowa  
Hospitals & Clinics  
Division of Nuclear Medicine  
Department of Radiology  
Iowa City, IA 52242-1009  
Tel: (319) 356-4302  
Fax: (319) 356-2220
- Robert E. Henkin, M.D.  
Foster G. McGraw Hospital  
Loyola University of Chicago  
2160 South 1st Avenue  
Maywood, IL 60153  
Tel: (708) 216-9425  
Fax: (708) 216-5813
- William G. Spies, M.D.  
Department of Nuclear Medicine  
Northwestern Memorial Hospital  
250 East Superior Street  
Chicago, IL 60611  
Tel: (312) 908-2514  
Fax: (312) 908-8118
- Ernest W. Fordham, M.D.  
Rush-Presbyterian-St. Luke's  
Medical Center  
1653 West Congress Parkway  
Chicago, IL 60612  
Tel: (312) 942-5757  
Fax: (312) 942-2114
- Carlos Bekerman, M.D., FACNP  
Division of Nuclear Medicine  
Michael Reese Medical Center  
2929 South Ellis Avenue  
Chicago, IL 60616  
Tel: (312) 791-2525  
Fax: (312) 808-7571
- Henry N. Wellman, M.D.  
Indiana University Medical Center  
University Hospital  
Division of Nuclear Medicine  
550 North University Blvd.—Rm. 0663
- Indianapolis, IN 46202-5250  
Tel: (317) 274-8832  
Fax: (317) 274-1806
- Ralph G. Robinson, M.D.  
Division of Nuclear Medicine  
Kansas University Medical Center  
39th & Rainbow Blvd.  
Kansas City, KS 66103  
Tel: (913) 588-6805  
Fax: (913) 588-7789
- Gary R. Conrad  
Department of Diagnostic Radiology  
University of Kentucky  
800 Rose Street  
Lexington, KY 40536-0084  
Tel: (606) 233-6585  
Fax: (606) 258-2171
- Edwin L. Palmer, M.D.  
Massachusetts General Hospital  
32 Fruit Street  
Boston, MA 02114  
Tel: (617) 726-8350  
Fax: (617) 726-6165
- S. James Adelstein, M.D., Ph.D.  
Harvard Medical School  
25 Shattuck Street  
Boston, MA 02115  
Tel: (617) 732-6289  
Fax: (617) 432-0173
- Henry N. Wagner, Jr., M.D.  
Division of Nuclear Medicine  
John Hopkins Hospital  
615 North Wolfe Street—Rm. 2001  
Baltimore, MD 21205  
Tel: (410) 955-3350  
Fax: (410) 955-6222
- James C. Reynolds, M.D.  
National Institute of Health  
Clinical Center  
9000 Rockville Pike Bldg 10/IC-496  
Bethesda, MD 20892-0010  
Tel: (301) 496-5675  
Fax: (301) 496-0114
- Eugene D. Silverman, M.D.  
Division of Nuclear Medicine  
National Naval Medical Center  
Bethesda, MD 20889-5011  
Tel: (301) 295-4982
- David E. Kuhl, M.D.  
Chief, Division of Nuclear Medicine  
University of Michigan Medical Center  
B I G 412, Box 0028  
1500 East Medical Center Drive  
Ann Arbor, MI 48109-0028  
Tel: (313) 936-5388  
Fax: (313) 936-8182
- Howard J. Dworkin, M.D.  
Division of Nuclear Medicine  
William Beaumont Hospital  
3601 West Thirteen Mile Road  
Royal Oak, MI 48072  
Tel: (313) 551-4128  
Fax: (313) 551-0768
- Kastytis C. Karvelis, M.D.  
Nuclear Medicine Residency Program  
Henry Ford Hospital  
2799 West Grand Blvd.  
Detroit, MI 48202  
Tel: (313) 876-3436  
Fax: (313) 876-1087
- Robert J. Boudreau, M.D., Ph.D.  
Division of Nuclear Medicine  
University of Minnesota Hospital  
Box 382 UMHC  
Minneapolis, MN 55455  
Tel: (612) 626-5912  
Fax: (612) 626-8495
- James L. Littlefield, M.D.  
St. Louis University Hospital  
VA Medical Center, 115JC  
915 North Grand Avenue  
St. Louis, MO 63106-1697  
Tel: (314) 289-6348  
Fax: (314) 289-6533
- Barry A. Siegel, M.D.  
Mallinckrodt Institute of Radiology  
Washington University School of Medicine  
510 South Kingshighway  
St. Louis, MO 63110  
Tel: (314) 362-2809  
Fax: (314) 362-2806
- Amolak Singh, M.D.  
Columbia Medical Center  
University of Missouri-Columbia  
Medical Center  
2-N19 Medical Science  
1 Hospital Drive  
Columbia, MO 65212  
Tel: (314) 882-7955  
Fax: (314) 882-1886
- Glenn V. Dalrymple, M.D.  
Department of Radiology  
University of Nebraska Medical Center  
600 South 42nd Street  
Omaha, NE 68198  
Tel: (402) 559-6188  
Fax: (402) 559-4675
- Hussein Abdel-Dayem, M.D.  
Division of Nuclear Medicine  
St. Vincent's Hospital  
153 West 11th Street

## Residency Programs in Nuclear Medicine

New York, NY 10011  
Tel: (212) 780-8782  
Fax: (212) 675-1840

Joseph Sanger, M.D.  
NYU Medical Center  
560 Fifth Avenue  
New York, NY 10016  
Tel: (212) 263-7410  
Fax: (212) 263-8137

Steven M. Larson, M.D.  
 Samuel D. J. Yeh, M.D.  
Memorial Sloan-Kettering  
Cancer Center  
1275 York Avenue  
New York, NY 10021  
Tel: (212) 693-7371  
Fax: (212) 717-3263

Barbara L. Binkert, M.D.  
Division of Nuclear Medicine  
RM St. 221  
New York Hospital  
525 East 68th Street  
New York, NY 10021  
Tel: (212) 746-4586  
Fax: (212) 746-8873

E. Gordon DePuey, M.D.  
St. Luke's Roosevelt Hospital Center.  
425 West 113th Street  
New York, NY 10025  
Tel: (212) 523-3398  
Fax: (212) 523-3416

Josef Machac, M.D.  
Department of Physics/Nuclear  
Medicine.  
Mt. Sinai Medical Center  
One Gustave L. Levy Place  
Box 1141  
New York, NY 10029  
Tel: (212) 241-4040

Ronald L. Van Heertum, M.D.  
Presbyterian Hospital  
622 West 168th Street  
New York, NY 10032  
Tel: (212) 305-7132  
Fax: (212) 305-4244

David M. Milstein, M.D.  
Albert Einstein College of Med.  
1300 Morris Park Ave.  
Bronx, NY 10461  
Tel: (212) 904-4058  
Fax: (212) 904-2354

Donald Margouleff, M.D.  
North Shore University Hospital  
300 Community Drive

Manhasset, NY 11030  
Tel: (516) 562-4400  
Fax: (516) 562-1608

Christopher J. Palestro, M.D.  
Division of Nuclear Medicine  
Long Island Jewish Medical Center.  
New Hyde Park, NY 11042  
Tel: (718) 470-7080  
Fax: (718) 470-9247

John L. Bateman, M.D.  
Veterans Affairs Medical Center  
Middleville Road  
Northport, NY 11768  
Tel: (516) 216-4400 Ext. 7348  
Fax: (516) 261-4400 Ext. 2722

F. Deaver Thomas, M.D.  
Department of Nuclear Medicine  
SUNY Health Science Center  
at Syracuse University Hospital  
750 East Adams Street  
Syracuse, NY 13210  
Tel: (315) 464-7031  
Fax: (315) 464-7068

Joseph A. Prezio, M.D.  
Department of Nuclear Medicine  
State University of NY at Buffalo  
105 Parker Hall, 3435 Main Street  
Buffalo, NY 14214  
Tel: (716) 838-5889  
Fax: (716) 838-4918

Robert E. O'Mara, M.D.  
Division of Nuclear Medicine  
Strong Memorial Hospital  
601 Elmwood Avenue  
Rochester, NY 14642  
Tel: (716) 275-4741  
Fax: (716) 271-8698

Robert J. Cowan, M.D.  
North Carolina Baptist Hospital  
Department of Nuclear Medicine  
Medical Center Blvd.  
Winston-Salem, NC 27157-1088  
Tel: (919) 716-4932  
Fax: (919) 716-2029

R. Edward Coleman, M.D.  
Division of Nuclear Medicine  
Division of Imaging, Department of  
Radiology  
Duke University Medical Center  
Durham, NC 27710  
Tel: (919) 660-2711 Ext. 5244  
Fax: (919) 681-5636

Edward B. Silberstein, M.D.  
University of Cincinnati Hospital  
EL Saenger Radioisotope Lab

234 Goodman St. ML #577  
Cincinnati, OH 45267  
Tel: (513) 558-4282  
Fax: (513) 558-7690

E. William Allen, M.D.  
Oklahoma Memorial Hospital  
& Clinics  
P.O. Box 26307  
Oklahoma City, OK 73126  
Tel: (405) 271-5141  
Fax: (405) 271-3533

G. T. Krishnamurthy, M.D.  
Oregon Health Sciences University  
VA Medical Center. (115)  
P.O. Box 1034  
Portland, OR 97207  
Tel: (503) 273-5023  
Fax: (503) 273-5208

Gilbert H. Isaacs, M.D.  
Allegheny General Hospital  
320 East North Avenue  
Pittsburgh, PA 15212  
Tel: (412) 359-3455  
Fax: (412) 323-8310

Ajit N. Shaha, M.D.  
Nuclear Medicine  
Presbyterian-University Hospital  
DeSoto at O'Hara St.  
Pittsburgh, PA 15213  
Tel: (412) 647-7391  
Fax: (412) 647-6085

Simin Dadparvar, M.D.  
Nuclear Medicine Department  
MS-309 Hahnemann University Hospital  
Broad and Vine Streets  
Philadelphia, PA 19102-1192  
Tel: (215) 762-7678  
Fax: (215) 246-5926

Abass Alavi, M.D.  
Department of Radiology  
Hospital of the University of Pennsylvania  
3400 Spruce Street  
Philadelphia, PA 19104  
Tel: (215) 662-3069  
Fax: (215) 349-5843

Chan H. Park, M.D.  
Thomas Jefferson University Hospital  
11th and Walnut Streets  
Philadelphia, PA 19107  
Tel: (215) 955-6707  
Fax: (215) 955-5331

## Residency Programs in Nuclear Medicine

Alan H. Maurer, M.D.  
Temple University Hospital  
3401 North Broad Street  
Philadelphia, PA 19140  
Tel: (215) 221-8269

Frieda Silva DeRoldan, M.D.  
University of Puerto Rico  
Medical Sciences Campus  
G. P. O. Box 5067  
San Juan, PR 00936  
Tel: (809) 767-0382  
Fax: (809) 767-0382

Leonie Gordon, M.D.  
Kenneth M. Spicer, M.D., PhD  
Division of Nuclear Medicine  
Medical University of South Carolina  
171 Ashley Avenue  
Charleston, SC 29425  
Tel: (803) 792-4021  
Fax: (803) 792-9503

Martin P. Sandler, M.D.  
Division of Nuclear Medicine  
Vanderbilt University  
RR 1219-MCN  
Nashville, TN 37232-2405  
Tel: (615) 343-3585  
Fax: (615) 322-3764

Karl F. Hubner, M.D.  
The University of Tennessee  
Graduate School of Medicine  
1924 Alcoa Hwy  
Knoxville, TN 37920-6999  
Tel: (615) 544-9662  
Fax: (615) 544-8883

William A. Erdman, M.D.  
Department of Radiology  
University of Texas  
Southwestern Medical School  
5323 Harry Hines Blvd.

Dallas, TX 75235-9071  
Tel: (214) 688-8022  
Fax: (214) 688-2678

Warren H. Moore, M.D.  
Department of Radiology  
Baylor College of Medicine  
One Baylor Plaza  
Houston, TX 77030  
Tel: (713) 791-3126  
Fax: (713) 791-3363

Martin L. Nusynowitz, M.D.  
Department of Radiology/Division  
of Nuclear Medicine  
University of Texas Medical Branch  
Hospital  
Galveston, TX 77550-2780  
Tel: (409) 772-2921  
Fax: (409) 772-3229

Ralph Blumhardt, M.D.  
Fred L. Weiland, M.D.  
Department of Radiology  
University of Texas Health Science Center  
7703 Floyd Curl Drive  
San Antonio, TX 78284-7800  
Tel: (210) 567-5600  
Fax: (210) 567-6418

LTC Albert J. Moreno, M.D.  
Division of Nuclear Medicine  
William Beaumont Army Medical Center  
El Paso, TX 79920-5001  
Tel: (915) 569-2656

Frederick L. Datz, M.D.  
University of Utah Medical Center  
50 North Medical Drive  
Salt Lake City, UT 84132  
Tel: (801) 581-2716

Timothy Burke, M.D.  
Medical College of Virginia Hospital  
P.O. Box 1, MCV Station  
Richmond, VA 23298-0481  
Tel: (804) 786-6828  
Fax: (804) 225-4181

Wil B. Nelp, M.D.  
Division of Nuclear Medicine  
RC-70  
University of Washington  
Seattle, WA 98195  
Tel: (206) 786-6828  
Fax: (206) 548-4496

David L. Yuille, M.D.  
Division of Nuclear Medicine  
St. Luke's Hospital  
2900 West Oklahoma Ave.  
Milwaukee, WI 53215  
Tel: (414) 649-6418  
Fax: (414) 649-7203

Arthur Z. Krasnow, M.D.  
Division of Nuclear Medicine  
Milwaukee Country Medical Complex  
Box 104  
8700 West Wisconsin Ave.  
Milwaukee, WI 53226  
Tel: (414) 257-6061  
Fax: (414) 257-8129

Scott B. Perlman, M.D.  
Division of Nuclear Medicine  
University of Wisconsin Hospital & Clinics  
600 Highland Avenue  
Madison, WI 53792  
Tel: (608) 262-7014  
Fax: (608) 256-1901 Ext. 1434

## I. EDITORIAL POLICY

The *Journal of Nuclear Medicine* publishes material of interest to the practitioners and scientists in the broad field of nuclear medicine. Proffered articles describing original laboratory or clinical investigations, case reports, technical notes and letters to the editor will be considered for publication. From time to time invited articles, editorials, and reviews of selected topics will be published. Manuscripts, including illustrations and tables, must be original and not under consideration by another publication.

The *Journal of Nuclear Medicine* has agreed to receive manuscripts in accordance with the "Uniform Requirements for Manuscripts Submitted to Biomedical Journals," as cited in the following sources: *Ann Intern Med* (1988; 108:258-265) and *Br Med J* (1988; 296:401-405). In preparing manuscripts, authors should follow the "Uniform Requirements for Manuscripts Submitted to Biomedical Journals," and specific author instructions detailed below. Also, helpful guidance in conforming to the "Uniform Requirements" may be found in *Medical Style & Format: An International Manual for Authors, Editors, and Publishers* by Edward J. Huth, MD (Philadelphia: ISI Press; 1987).

## II. MANUSCRIPT SUBMISSION

Submit one original and three copies of the manuscript and four copies of the figures to:

H. William Strauss, MD, Editor-in-Chief  
**The Journal of Nuclear Medicine**  
 Room 5406, MGH-East  
 Building 149, Thirteenth Street,  
 Charlestown, MA 02129

The Journal's phone number is (617)726-5785. Original manuscripts will not be accepted by Facsimile, but for other communications the Fax number is (617)726-5708.

All manuscripts should be accompanied by a covering letter from the author responsible for correspondence regarding the manuscript. The covering letter should contain the following copyright disclosure statement in compliance with the Copyright Revision Act of 1976, effective January 1, 1978.

*Upon acceptance by The Journal of Nuclear Medicine, all copyright ownership for the article \_\_\_\_\_ is transferred to The Society of Nuclear Medicine. We, the undersigned co-authors of this article, have contributed significantly to and share in the responsibility for the release of any part or all of the material contained within the article noted above. The undersigned stipulate that the material submitted to The Journal of Nuclear Medicine is new, original and has not been submitted to another publication for concurrent consideration.*

*We also attest that any human and/or animal studies undertaken as part of the research from which this manuscript was derived are in compliance with regulations of our institution(s) and with generally accepted guidelines governing such work.*

*We further attest that we have herein disclosed any and all financial or other relationships which could be construed as a conflict of interest, and that all sources of financial support for this study have been disclosed and are indicated in the acknowledgement.*

This statement must be signed **by all of the listed co-authors.**

Copyright requirement does not apply to work prepared by United States government employees as part of their official duties.

You may suggest, in your cover letter, individuals who could serve as reviewers for your manuscript.

The covering letter should also contain a statement that the manuscript has been seen and approved by all authors and should give any additional information which may be helpful to the Editor. If there has been any prior publication of any part of the work, this should be acknowledged and appropriate written permission included. If color illustrations are included, a statement that the author(s) is (are) willing to assume the cost of color separation and reproduction is requested.

## III. REVIEW PROCEDURE

Submitted manuscripts are reviewed for originality, significance, adequacy of documentation, reader interest, and composition.

Manuscripts not submitted according to author instructions will be returned to the author for correction prior to beginning the peer review process.

All manuscripts considered suitable for review are evaluated by a minimum of two reviewers. It is unusual for a manuscript to be accepted for publication without first undergoing a process of revision. Revised manuscripts are

judged on the adequacy of responses to suggestions and criticisms made during the initial review.

All accepted manuscripts are subject to editing for scientific accuracy and clarity by the office of the Editor-in-Chief.

## IV. FORMAT REQUIREMENTS

### A. General Requirements

Manuscripts must be written in English. Whenever there is any doubt, authors should seek the assistance of experienced, English-speaking medical editors. A medical editor should review the final draft of the original and any revisions of the manuscript.

Type the manuscript on white bond paper, 8½ × 11 in. (21.6 × 27.9 cm), with margins of at least 1½ in. (4 cm). Type on one side of the paper only, double spacing every page. Begin each of the following sections on separate pages and in the following order: title page, abstract, text, acknowledgments, references, tables (each on a separate page), and legends. Number pages consecutively, beginning with the title page. Type the name of the senior author and page number in the upper right-hand corner of each page.

### B. Title Page

The title page of the manuscript should include: (1) concise and informative title (less than 200 characters); (2) short running head or footline of no more than 40 characters (letters and spaces) placed at the bottom of the title page and identified; (3) complete byline, with first name, middle initial, and last name of each author and highest academic degree(s), up to ten authors may be cited; (4) complete affiliation for each author, with the name of department(s) and institution(s) to which the work should be attributed; (5) disclaimer, if any; (6) name, address, and telephone number of one author responsible for correspondence about the manuscript; and (7) name and address of author to whom reprint requests should be directed, or statement that reprints are not available from the author. Financial support for the work should be noted in a statement on this page.

### C. Abstract

An abstract of no more than 250 words should state the purpose of the study or investigation, basic procedures (study subjects or experimental animals and observational and analytic methods), major findings (specific data and their statistical significance, if not too lengthy), and the principal conclusions. Emphasize new and important aspects of the study or observations. No abbreviations or reference citations are to be used in the abstract.

### D. Text

#### –Presentation

The text of **Original Scientific and Methodology Articles** is usually divided into the following sections: Introduction, Materials and Methods, Results, Discussion, and Summary or Conclusion. The text of original, scientific papers, exclusive of the abstract, legends, tables and references, should not exceed 5000 words.

**Case Reports** should contain a concise description of no more than 1250 words, exclusive of the abstract, legends, tables and references, illustrated with no more than 3 figures, emphasizing the nuclear medicine aspects and including methodology, data, and correlative studies.

**Letters** should concern previously published material or matters of general interest and should be brief and to the point. All material is subject to editing. Letters commenting on previously published articles should be received within one year of the date of the referenced article's publication. Letters should contain no more than 10 references.

In general, reference should not be made in the text to institutions or locales except when germane to that particular article. Generic names should be used throughout the text. Identify instruments and radiopharmaceuticals by manufacturer name and address in parentheses and describe procedures in sufficient detail to allow other investigators to reproduce the results.

#### –References

References should be cited in consecutive numerical order at first mention in the text and designated by the reference number underlined and in parentheses. References appearing in a table or figure should be numbered sequentially with those in the text.

The Reference list must be typed double-spaced and numbered consecutively, as in the text. The *Journal* follows *Index Medicus* style for references and abbreviates journal names according to the *List of Journals Indexed in Index Medicus*. "Unpublished observations" and "personal communications" should not be used as references, although written—not verbal—communications may be noted as such in the text. References cited as "in press" must have been accepted and not merely in preparation or submitted. The author is responsible for the accuracy of all references and must verify them against the original document.

For journal articles, list all authors when six or less; for seven or more authors, list the first three and et al:

Baumier PL, Krohn KA, Carrasquillo JA, et al. Melanoma localization in nude mice with monoclonal Fab against p97. *J Nucl Med* 1985; 26:1172-1179.

Weissmann HS, Badia J, Sugarman LA, Kluger L, Rosenblatt R, Freeman LM. Spectrum of <sup>99m</sup>Tc-IDA cholescintigraphic patterns in acute cholecystitis. *Radiology* 1981; 138:167-175.

For books and book chapters, follow the examples below:

DeGroot LJ. Evaluation of thyroid function and thyroid disease. In: DeGroot LJ, Stanbury JB, eds. *The thyroid and its diseases*. 4th ed. New York: Wiley; 1975:196-248.

Dupont B. Bone marrow transplantation in severe combined immunodeficiency with an unrelated MLC compatible donor. In: White HJ, Smith R, eds. *Proceedings of the third annual meeting of the International Society of Experimental Hematology*. Houston: International Society for Experimental Hematology; 1974:44-46.

**-Units of Measurement**

The *Journal* requests that all measurements be listed in SI units. Older conventions may be used after the SI units, but should be placed in parentheses.

**-Abbreviations and Symbols**

With the exception of units of measurement, *The Journal of Nuclear Medicine* discourages the use of abbreviations. For additional information on proper medical abbreviations, consult the *CBE Style Manual, Fifth Edition* (Bethesda, MD: Council of Biology Editors, 1983). When an abbreviation is used it should be preceded by the full word or name of the item being abbreviated.

**E. Figures**

**-Tables**

Type each table double-spaced on a separate page. Do not submit tables as photographs.

Tables should be self-explanatory and should supplement, not duplicate, the text. Each table must be cited in consecutive numerical order in the text. Number the tables consecutively with an arabic number following the word TABLE. The titles should be descriptive, brief, and typed centered in upper- and lower-case letters. Place horizontal rules below the title, column headings, and at the end of the table. Do not use vertical lines. Give each column a short or abbreviated heading.

Place explanatory matter in footnotes, not in the heading. Use the following symbols, in this sequence: \*, †, ‡, §, ¶, \*\*. Expand in the footnote all non-standard abbreviations used in each table. For footnotes, identify statistical measures of variations, such as standard deviation and standard error of the mean. If data from another published source are used, obtain written permission from the publisher of the original source and acknowledge fully. If data from an unpublished source are used, obtain permission from the principal investigator, and acknowledge fully.

**-Illustrations**

Illustrations should clarify and augment the text. Because imaging is a major aspect of nuclear medicine, the selection of sharp, high-quality illus-

trations is of paramount importance. Figures of inferior quality will be returned to the author for correction or replacement.

Submit four complete sets of glossy illustrations, no smaller than 3½ × 5 in. nor larger than 8 × 10 in. Do not send original artwork. Glossy photographs of line drawings rendered professionally on white drawing paper in black India ink, with template or typeset lettering, should be submitted. No hand-drawn or typewritten art will be accepted. Letters, numbers, and symbols (typeset or template) must be clear and of sufficient size to retain legibility after reduction.

Each illustration must be numbered and cited in consecutive order in the text. Illustrations should be identified on a gummed label affixed to the back of each illustration, and containing the following information: figure number, part of figure (if more than one), senior author's name, and designation of "top."

Color illustrations will be considered for publication, but the author is responsible for all charges relating to separations and printing. An estimate of these charges will be sent to the author at the time of production. Author approval of charges is required before production will continue. Four complete sets of glossy color photographs (not transparencies) must be submitted for review. Polaroid prints are not acceptable.

All submitted illustrations become the property of *The Society of Nuclear Medicine* and will not be returned unless the manuscript is rejected.

**-Legends for Illustrations**

Legends for illustrations should be concise and should not repeat the text. Legends should be typed double-spaced on a separate page. Each figure should be cited in consecutive numerical order in the text. Number the figures with an arabic number following the word FIGURE. Use letters to designate parts of illustrations (e.g., A, B, C) and describe each part clearly in the legend. Any letter designations or arrows appearing on the illustration should be identified and described fully.

Original (not previously published) illustrations are preferred for publication in the *Journal*; however, if illustrations have been published previously, authors are responsible for obtaining written permission from the publisher to reprint. The source of the original material must be cited in the references and the following credit line included in the legend: (Reprinted by permission of Ref. X.) All permission releases must be submitted to the Editor at the time of manuscript submission.

**F. Acknowledgements**

Acknowledge persons or agencies contributing substantially to the work, including any grant support.

**V. MANUSCRIPT CHECKLIST**

- \_\_\_\_\_ Original double-spaced typed manuscript and 3 copies.
- \_\_\_\_\_ Four sets of unmounted glossy Figures (no smaller than 3½ × 5 in. nor larger than 8 × 10 in.).
- \_\_\_\_\_ Copyright transfer.
- \_\_\_\_\_ Title page with title, authors' names, and complete affiliations; corresponding author, complete address, and telephone number; author for reprint requests and complete address.
- \_\_\_\_\_ Abstract (maximum, 250 words).
- \_\_\_\_\_ References in consecutive numerical order. Reference list typed double-spaced.
- \_\_\_\_\_ Figures and Tables in consecutive numerical order.
- \_\_\_\_\_ Legends for all Figures; typed double-spaced.
- \_\_\_\_\_ Consent forms for patient photographs.
- \_\_\_\_\_ Written permission from the publisher to reprint previously published Figures and Tables.

