

AUTHOR INDEX

April 1, 1989

- Abe, H., 1843
 Adair, J., 1738
 Adams, G. P., 1707
 Adcock, L. L., 1693
 Ahmadi, J., 1877
 Aida, T., 1843
 Alberti, D., 1866
 Anderson, L. M., 1676
 Armstrong, D. L., 1797
 Arundel, C., 1640
 Ataya, K. M., 1660
 Awwad, M., 1649
- Baig, M. M., 1698
 Bernuau, D., 1790
 Bertram, J., 1877
 Bianchini, F., 1655
 Black, A., 1763
 Bodmer, M., 1738
 Bruggink, J., 1866
 Busch, H., 1763
- Caderni, G., 1655
 Carralero, R. M., 1698
 Carson, L. F., 1693
 Chan, A., 1644
 Chan, J. C., 1746
 Charcosset, J.-Y., 1836
 Chatterjee, A., 1763
 Chen, D. C. P., 1877
 Chou, C.-K., 1773
 Clark, J. W., 1871
 Colcher, D., 1738
 Colletti, R. B., 1882
 Cook, J., 1718
 Copeland, K. C., 1882
 Cozzolino, P., 1850
 Crum, E., 1871
- Dahalan, R., 1877
 Daino, L., 1850
 Dalen, H., 1829
 Darlington, G. J., 1797
 Debatin, J., 1768
 DeNardo, G. L., 1707
 DeNardo, S. J., 1707
 Deshpande, S. V., 1707
 de Tribolet, N., 1843
 Devlin, J. T., 1882
 Dolara, P., 1655
- Eisen, E. A., 1727
 Elboim, H. S., 1665
 Endo, K., 1752
 Epstein, A. L., 1707
 Estensen, R. D., 1693
 Evans, S., 1718
- Feldmann, G., 1790
 Feo, F., 1850
 Fidler, I. J., 1890
- Fischer, P. H., 1866
 Foon, K. A., 1621
 Fornace, A. J., Jr., 1687
 Frackelton, A. R., Jr., 1665
 Frassetto, S., 1850
 Fukumoto, M., 1693
- Garbay-Jaureguiberry, C., 1836
 Garcea, R., 1850
 Gaspa, L., 1850
 Girotti, A. W., 1682
 Glatt, H., 1778
 Grem, J. L., 1866
 Grove, J. S., 1857
 Grover, P. L., 1778
- Hamner, S., 1816
 Han, S.-H., 1773
 Hansteen, I.-L., 1829
 Harvey, R. G., 1778
 Haugen, A., 1829
 Hawkins, M. J., 1871
 Helus, F., 1768
 Hendrix, M. J. C., 1698
 Heur, Y.-H., 1783
 Hewer, A., 1778
 Hino, T., 1824
 Hollander, M. C., 1687
 Horii, Y., 1824
 Hosokawa, M., 1843
 Hrabie, J. A., 1783
- Imam, A., 1802
 Imanishi, J., 1824
 Inaba, M., 1722
 Inoko, H., 1824
 Iwakawa, M., 1640
- Jacquemin-Sablon, A., 1836
 Jansen, M., 1773
 Jones, A. B., 1676
 Jones, M. J., 1871
 Jordan, V. C., 1758
- Kampinga, H. H., 1712
 Kauppila, A., 1885
 Kawada, T. K., 1877
 Keefer, L. K., 1783
 Kelsey, K. T., 1727
 Kempf, R. A., 1877
 Kemshead, J. T., 1824
 King, D., 1738
 Klominek, J., 1861
 Knapp, W. H., 1768
 Kobayashi, H., 1843, 1890
 Koizumi, M., 1752
 Konings, A. W. T., 1712
 Konishi, J., 1752
 Kovatch, R. M., 1676
 Kriebel, D., 1655
 Kuppner, M. C., 1843
 Kuriyama, H., 1671
- Kuroda, H., 1824
- Leadon, S. A., 1644
 Lewis, T. R., 1727
 Li, W., 1746
 Little, J. B., 1727
 Liu, W.-Y., 1773
 Longo, D. L., 1871
 Lotan, D., 1698
 Lotan, R., 1698
 Lynch, D. W., 1727
- Maeda, M., 1671
 Marnett, L. J., 1732
 Matthews, W., 1718
 McCall, M. J., 1707
 McKnight, J. E., 1871
 Meadows, G. G., 1816
 Meares, C. F., 1707
 Milas, L., 1640
 Milenic, D., 1738
 Miller, R. L., 1871
 Mitchell, J. B., 1718
 Moreau, A., 1790
 Morioka, H., 1824
 Muggia, F. M., 1877
- Nakajima, M., 1698
 Neda, H., 1671
 Nieting, L., 1866
 Nimesheim, A., 1732
 Nims, R. W., 1783
 Nitsu, Y., 1671
 Nomura, A. M. Y., 1857
 North, R. J., 1649
- Oakley, G. J., 1693
 Ostertag, H., 1768
- Parti, R., 1877
 Pascale, R., 1850
 Pass, H. I., 1718
 P'eng, F.-K., 1773
 Perry, R. R., 1718
 Pershagen, G., 1861
 Phillips, D. H., 1778
 Posner, M. R., 1665
 Pruess-Schwartz, D., 1732
 Puddu, M., 1850
 Puistola, U., 1885
- Ramahi-Ataya, A. J., 1660
 Raubitschek, A., 1738
 Reddy, A. B., 1763
 Remick, S. C., 1866
 Rigaudy, P., 1836
 Riggs, C. W., 1676
 Risteli, J., 1885
 Risteli, L., 1885
 Roberts, J. D., 1882
 Robertson, N. P., 1816
 Robinson, S. P., 1758
- Roninson, I. B., 1693
 Roques, B. P., 1836
 Roselli, M., 1738
 Rothblum, L. I., 1763
 Rouah, E., 1797
 Russell, C., 1877
- Saga, T., 1752
 Sakahara, H., 1752
 Santos, D. J., 1665
 Sawada, T., 1824
 Sawamura, Y., 1843
 Schally, A. V., 1810
 Schlom, J., 1738
 Scoazec, J.-Y., 1790
 Seddaiu, M. A., 1850
 Severson, R. K., 1857
 Sha, L., 1693
 Shani, J., 1877
 Shinoda, H., 1722
 Simile, M. M., 1850
 Sinn, H.-J., 1768
 Smith, J. W., II, 1871
 Starkey, J. R., 1816
 Steis, R. G., 1871
 Stemmermann, G. N., 1857
 Streeter, A. J., 1783
 Su, T.-S., 1773
 Sugimoto, T., 1824
 Svensson, C., 1861
- Thomas, J. P., 1682
 Tofilon, P. J., 1640
 Toyama, S., 1752
 Trump, D. L., 1866
 Tsuruo, T., 1722
 Tumber, M. B., 1665
 Tutsch, K. D., 1866
 Tveit, G., 1829
 Twiggs, L. B., 1693
- Urba, W. J., 1871
- Valeriotte, F. A., 1660
 v. d. Kruk, G., 1712
- Watanabe, N., 1671
 Watanabe, Y., 1752
 Whittle, N., 1738
 Wiencke, J. K., 1727
 Willson, J. K. V., 1866
 Wilson, D. R., 1797
 Wolf, W., 1877
 Wood, W. R., 1698
- Yamamuro, T., 1752
 Yamauchi, N., 1671
 Yang-Fen, T. L., 1773
 Yarranton, G., 1738
 Yoshida, S. O., 1802
- Zalatnai, A., 1810
 Zimmerman, R. J., 1644



AMERICAN ASSOCIATION FOR CANCER RESEARCH

GUIDELINES FOR APPLICATION FOR ASSOCIATE MEMBERSHIP

QUALIFICATIONS FOR MEMBERSHIP

Associate membership is open to graduate students, medical students, postdoctoral fellows, and physicians in training who live in the Americas and who are following a course of study or who are working in a research program relevant to cancer.

BENEFITS OF MEMBERSHIP

The American Association for Cancer Research (AACR), a scientific society consisting of laboratory and clinical cancer researchers, was founded in 1907 "to bring together active investigators of the cancer problem for presentation and discussion of new or significant observations; and to foster research in cancer and other phenomena of growth." Associate members of the AACR enjoy the following benefits:

1. the privilege of sponsoring an abstract for presentation at the AACR annual meeting provided that (a) the associate member is the presenter of the abstract and (b) an active member in good standing of the AACR also signs the abstract in support of the work (In this instance, the active member who co-signs the abstract does not lose his or her own sponsorship privilege.);
2. an advance copy of the Program and (if one has been purchased by the associate member) the *Proceedings of the American Association for Cancer Research* which contains abstracts of all papers being presented at each annual meeting;
3. the privilege of registering for the annual meeting at the low student rate (This rate is otherwise available only to predoctoral students.);
4. preferred access to the AACR Employment Register;
5. an optional subscription to the journal *Cancer Research* at the reduced member rate;
6. subscriptions to any future AACR journals at reduced member rates;
7. early notification of events in the AACR's new series of small scientific meetings on timely scientific topics;
8. the receipt of AACR newsletters, meeting announcements, and an up-to-date membership directory; and
9. the facilitation of informal scientific exchange with leading researchers in the cancer field.

PROCEDURES FOR APPLICATION

Persons wishing to apply for associate membership must use the official application form on the reverse side of these instructions. Each candidate for associate membership must be nominated by an active member in good standing of the AACR. Three completed copies of the form should be submitted; at least one of these copies must carry the original signatures of both the candidate and the active member nominator. The application form may be submitted

to the Association Office at any time. After review of applications for associate membership, the Executive Director will notify candidates of their election or deferral within one month of the receipt of the application form. A check in the amount of \$20, which represents one year's dues payment, must accompany the application. This fee will be refunded to any candidate deemed to be ineligible for associate membership. Checks should be in U.S. currency, made payable to AACR, Inc., and drawn on a U.S. bank. Send the three copies of the application form and the \$20 dues payment to:

American Association for Cancer Research
530 Walnut Street - 10th Floor
Philadelphia, PA 19106
215/440-9300

RESPONSIBILITIES OF MEMBERSHIP

Associate members must pay annual dues in an amount to be determined by the AACR Board of Directors. Dues for 1989 have been set at \$20 per year. If an application is submitted by August 31, the accompanying dues payment will be credited to the current year. Candidates submitting applications between September 1 and December 31 may indicate whether they wish their dues payments credited to the current or forthcoming year. Candidates should be aware, however, that associate members may sponsor an abstract for the annual meeting only if their dues for the current year are paid. For example, an associate member submitting an abstract in December 1989 for the forthcoming annual meeting must have paid dues for 1989. Any newly elected associate members of AACR who have already purchased subscriptions to *Cancer Research* at the higher, nonmember rate will receive a refund for the unused portion of that subscription upon receipt of their payment for a member's subscription.

Each Fall the AACR will send to current associate members an invoice for dues for the forthcoming year. Payment of this invoice must be accompanied by a statement signed by the associate member's registrar, dean, or department head, verifying the member's current academic status. The Association's By-Laws state that dues are payable for each year in advance on or before January 1 of that year. An individual may be an associate member for a maximum of five years. Each year in which an individual pays dues will count as one full year of associate membership. Thus, an associate member who pays dues for 1989 may retain associate membership until December 31, 1993. The Board of Directors may terminate the membership of any associate member whose dues are in arrears for two years.

Margaret Foti,
Executive Director

AMERICAN ASSOCIATION FOR CANCER RESEARCH, INC.

530 Walnut Street - 10th Floor

Philadelphia, PA 19106

APPLICATION FOR ASSOCIATE MEMBERSHIP

NAME OF CANDIDATE: _____ DATE OF BIRTH: _____

INSTITUTIONAL AFFILIATION: _____

INSTITUTIONAL ADDRESS: _____

(City) (State/Province) (Postal Code) (Country)
TELEPHONE NUMBER: _____ SOCIAL SECURITY NUMBER: _____

PRESENT ACADEMIC STATUS/TITLE: (Please check only one):

____ Graduate Student _____ Medical Student
____ Physician in Training _____ Postdoctoral Fellow

PRIMARY FIELD OF RESEARCH (Please check only one):

____ Biochemistry and Biophysics _____ Biostatistics _____ Carcinogenesis
____ Cellular Biology and Genetics _____ Clinical Investigations _____ Endocrinology
____ Epidemiology _____ Immunology _____ Molecular Biology and Genetics
____ Preclinical Pharmacology and Experimental Therapeutics
____ Virology _____ Other: _____

(Please specify)

ACADEMIC DEGREES (Please indicate degree(s) acquired to date along with the name of the academic institution and date of receipt. Provide information on degree currently being sought and the anticipated date of completion of this degree program.)

RELEVANT RESEARCH EXPERIENCE NOT RELATED TO COURSE WORK (Please list most recent first.)

PUBLICATIONS (List the authors, title, journal, volume, inclusive pages, and year of any article in a peer-reviewed journal on which the candidate appears as an author. Do not list abstracts. Continue on a separate sheet, if necessary.)

CANDIDATE NOMINATED BY: _____

(Please type or print name of AACR active member in good standing.)

SIGNATURES

I hereby apply for associate membership in the American Association for Cancer Research. I have read the instructions on the reverse side of this form, and I understand the privileges and responsibilities of this class of membership. I certify that the statements on this application are true.

Signature of Candidate: _____ Date: _____

I recommend this candidate for associate membership in the American Association for Cancer Research. To the best of my knowledge, the candidate is qualified for this class of membership, and the statements on this application are true.

Signature of Nominator: _____ Date: _____

Submit three copies of this form. At least one copy must contain the original signatures of the candidate and the nominator. Enclose a check for \$20 in U.S. funds made payable to AACR, Inc. and drawn on a U.S. bank. Check *one* of the following boxes *only* if this form is being submitted between September 1 and December 31:

The enclosed dues payment should be applied to the

current forthcoming calendar year.

(NOTE: If dues are applied to the forthcoming year, membership will take effect on January 1.) See Guidelines for Application on the reverse side of this form for further instructions.

(This form may be reproduced.)



AMERICAN ASSOCIATION FOR CANCER RESEARCH

INFORMATION ON APPLICATION FOR ACTIVE AND CORRESPONDING MEMBERSHIP

BENEFITS OF MEMBERSHIP

The American Association for Cancer Research (AACR) is a scientific society consisting of laboratory and clinical cancer researchers. It was founded in 1907 "to bring together active investigators of the cancer problem for presentation and discussion of new or significant observations; and to foster research in cancer and other phenomena of growth." Members of the AACR enjoy the following benefits:

1. a subscription to the journal *Cancer Research* at the reduced member rate;
2. the privilege of sponsoring an abstract for presentation at the AACR annual meeting;
3. an advance copy of the Program and *Proceedings* pertaining to each annual meeting;
4. a reduced registration rate at the annual meeting;
5. early notification of events in the AACR's new series of small scientific meetings;
6. subscriptions to any future AACR journals at reduced member rates;
7. preferred access to the AACR Employment Register;
8. the receipt of AACR newsletters, meeting announcements, and an up-to-date membership directory.

QUALIFICATIONS FOR MEMBERSHIP

Active membership in the AACR is open to investigators who live in the Americas, and who have conducted two years of meritorious research that has resulted in publications relevant to cancer. If a candidate is working in a research area not directly related to the cancer field but has conducted research of exceptional scientific merit, he or she may also qualify for membership.

Corresponding membership is open to qualified persons who are not residents of the Americas. The requirements for corresponding membership are the same as those for active membership. Visiting scientists from outside the Americas who intend to return to their countries of origin soon after submitting their applications should apply for corresponding membership. All other individuals should apply for active membership and transfer to corresponding status at a later date if they should leave the Americas.

PROCEDURES FOR APPLICATION

There are two deadlines for receipt of a membership application: August 1 and December 1 of each year. The Membership Committee will review all complete applications for active membership that have been received by these deadlines and will submit recommendations on each candidate to the Board of Directors, which formally elects all members. The same procedure is followed by the Special Memberships Committee, which receives applications for corresponding membership. Applicants who meet the August 1 deadline will be notified of the Board's decision in November, and, if elected, will be eligible to sponsor an abstract for the annual meeting of the AACR to be held the following Spring. Applicants meeting the December 1 deadline will be notified about their election in March.

A complete application consists of the following material:

1. 6 copies of the form on the opposite side of this page, with all requested information provided.

2. 5 copies of the candidate's most current curriculum vitae and bibliography.
3. 5 copies of a letter of recommendation from a nominator who is an active, emeritus, or honorary member of the AACR (at least one copy must be a signed, original letter). This letter should describe the candidate's achievements in laboratory research, clinical investigations, or epidemiological research, and it should affirm that this research adheres to accepted ethical standards.—OR—The nominator may supply the responses requested at the bottom of the application form in the section entitled "STATEMENT OF SUPPORT" (at least one copy of the form must be the signed original).
4. 5 copies of a letter of recommendation as described in Item 3. above from a seconder who is an active, emeritus, or honorary member of the AACR (at least one copy must be a signed, original letter).—OR—The seconder may supply the responses requested at the bottom of the application form in the section entitled "STATEMENT OF SUPPORT" (at least one copy of the form must be the signed original).
5. 5 reprints of each of two publications on which the candidate appears as author.

All material should be collated into five complete sets with the original application form as a covering document and sent to the address given below. Questions regarding procedures for membership application may also be directed to the following address:

American Association for Cancer Research
530 Walnut Street
Tenth Floor
Philadelphia, PA 19106
215/440-9300

RESPONSIBILITIES OF MEMBERSHIP

Candidates should be aware of the following responsibilities of membership in the AACR. Active members must pay annual dues, a major portion of which is designated for a subscription to the AACR's official publication outlet, *Cancer Research*. Newly elected members of the AACR who have already purchased subscriptions to *Cancer Research* at the higher, nonmember rate will receive reimbursement of the unused portion of that subscription once their first year's membership dues are paid in full.

All corresponding members elected after May 23, 1985, are required to pay an annual assessment in lieu of dues. This assessment, which is equivalent to that portion of the regular dues that pertains to support of activities other than the journal *Cancer Research*, is imposed to defray the cost of sending AACR publications to members outside the Americas. Corresponding members may, if they wish, subscribe to *Cancer Research* at the reduced member rate.

Successful candidates will be expected to begin paying dues to the AACR in the year following receipt of their applications; e.g., successful applicants who meet either the August 1, or December 1, 1989, deadlines will begin to pay dues in 1990.

Margaret Foti
Executive Director

AMERICAN ASSOCIATION FOR CANCER RESEARCH, INC.

530 Walnut Street
Tenth Floor
Philadelphia, PA 19106

APPLICATION FOR MEMBERSHIP

CATEGORY OF MEMBERSHIP: Active Corresponding

NAME OF CANDIDATE: _____ DATE OF BIRTH: _____

PRESENT POSITION/TITLE: _____

INSTITUTIONAL AFFILIATION: _____

INSTITUTIONAL ADDRESS: _____

TELEPHONE NUMBER: _____ (City) (State/Province) (Country) (Postal Code)
SOCIAL SECURITY NUMBER: _____

PRIMARY FIELD OF RESEARCH (Please check only one):

____ Biochemistry and Biophysics ____ Biostatistics ____ Carcinogenesis
____ Cellular Biology and Genetics ____ Clinical Investigations ____ Endocrinology
____ Epidemiology ____ Immunology ____ Molecular Biology and Genetics
____ Preclinical Pharmacology and Experimental Therapeutics
____ Virology ____ Other: _____

(Please specify)

ACADEMIC DEGREES (Including where and when granted)

EXPERIENCE SINCE HIGHEST DEGREE WAS GRANTED (Please list most recent first)

PUBLICATIONS (Reprints of two articles on which the candidate appears as an author must accompany this application. For these two articles list the authors, title, journal, volume, inclusive pages, and year. Do not submit abstracts.)

CANDIDATE NOMINATED BY: _____
(Please type or print)

CANDIDATE SECONDED BY: _____
(Please type or print)

STATEMENT OF SUPPORT (in place of letters of recommendation)

Instead of submitting letters of recommendation, either the nominator or the seconder or both may complete the following section:

How long has the candidate worked in the field of cancer research? ____ years

Will the candidate make a long-term contribution to cancer research? ____ Yes ____ No

Does the candidate's research adhere to accepted ethical standards? ____ Yes ____ No

I therefore recommend this candidate for membership in the American Association for Cancer Research.

How long has the candidate worked in the field of cancer research? ____ years

Will the candidate make a long-term contribution to cancer research? ____ Yes ____ No

Does the candidate's research adhere to accepted ethical standards? ____ Yes ____ No

I therefore recommend this candidate for membership in the American Association for Cancer Research.

Signature of nominator

Date

Signature of seconder

Date

See Guidelines for Application on the reverse side of this form for further instructions.

KEEP UP WITH THE LATEST DEVELOPMENTS
IN
Cancer Research

THE OFFICIAL JOURNAL OF
THE AMERICAN ASSOCIATION FOR CANCER RESEARCH

Subscribe to *Cancer Research*—the leading citation source of original studies in cancer research and cancer-related biomedical science. Issued semimonthly, *Cancer Research* publishes over 8,000 pages per year that keep you abreast of the most significant and timely findings in your field through the following regular features:

- **The most up-to-date articles** in basic research and clinical and epidemiological investigations by authors from the United States and more than 20 countries
- **Perspectives in Cancer Research**, in which leading investigators explore contemporary and at times controversial topics
- **Supplemental issues** developed from symposia on relevant subjects—Past supplements include the *Symposium on Estrogen Receptor Determination with Monoclonal Antibodies*, the *Symposium on HTLV*, the *Workshop Conference on Hyperthermia and Cancer Treatment*, and the *Workshop Conference on Nutrition in Cancer Causation and Prevention*.
- **Proceedings of the American Association for Cancer Research**, a special annual issue that offers stimulating new research ideas in abstract form

ORDER THE MOST HIGHLY CITED JOURNAL IN ITS FIELD
TODAY

 Yes, I want to keep up with the latest developments in *Cancer Research*. Enter my one-year subscription.

1989 Subscription Rates: Individual, \$250 Institutional, \$280

Add \$55 for delivery outside the U.S. Subscriptions payable in advance (in US currency or equivalent) to:

WAVERLY PRESS, INC.
c/o Cancer Research
428 East Preston St.
Baltimore, MD 21202

Allow 8 weeks for receipt of first issue.

Name _____

Address _____

City _____ State _____ Zip _____