

# AUTHOR INDEX

May 1, 1987

- Abdelaal, A., 2433  
 Ackermann, M. F., 2259  
 Akiyama, S-i., 2413  
 Alexander, R. B., 2403  
 Aoki, N., 2376  
 Araujo, L., 2433  
 Austgulen, R., 2251
- Badaracco, G., 2474  
 Bagni, A., 2508  
 Bankert, R. B., 2456  
 Barr, R., 2340  
 Barrett, J. C. (ed.), 2514  
 Beebe, D. P., 2380  
 Begleiter, A., 2498  
 Belbeck, L., 2340  
 Bepler, G., 2371  
 Bettelheim, R., 2494  
 Böning, B., 2268  
 Boothman, D. A., 2344, 2354  
 Bourier, S., 2268  
 Bradbeer, J., 2494  
 Briggie, T. V., 2344, 2354  
 Bulba, A. P., 2284  
 Burluson, G. R., 2259
- Campen, D. B., 2328  
 Carney, D. N., 2371  
 Chang, B. K., 2247  
 Chilvers, C., 2494  
 Chou, T.-C., 2247, 2334  
 Cleaver, J. E., 2393  
 Coffey, D. S., 2403  
 Colborn, D., 2481  
 Coombes, R. C., 2494  
 Cory, J. G., 2218  
 Costanzi, J. J., 2407  
 Cox, T. C., 2295  
 Crowley, J., 2295
- Davey, F. R., 2468  
 DeGraw, J. I., 2334  
 DeLeo, V., 2451  
 Diehl, V., 2461  
 Dowsett, M., 2494  
 Dupere, S. L., 2284  
 Dutcher, J. P., 2486
- Easton, D., 2494  
 Ehrlich, G. D., 2468  
 Espevik, T., 2251
- Fabris, G., 2508  
 Faguet, G. B., 2380  
 Fair, W. R., 2504  
 Fanucchi, M. P., 2334  
 Farag, F., 2334  
 Ferrone, S., 2474
- Ford, H. T., 2494  
 Frei, E., III, 2323
- Gaillard, E. T., 2305  
 Gay, H., 2504  
 Gazdar, A. F., 2371  
 Gazet, J.-C., 2494  
 Germolec, D. R., 2259  
 Glazer, R. I., 2498  
 Gmeiner, B., 2311  
 Goldin, A., 2305  
 Goodman, G. E., 2295  
 Graziano, S. L., 2468  
 Greer, S., 2344, 2354  
 Griswold, D. P., Jr., 2323  
 Gupta, V., 2407  
 Gutman, R., 2247
- Hallinan, E. J., 2468  
 Hancock, C., 2334  
 Hashim, G. A., 2433  
 Hashimoto, T., 2397  
 Hayes, H. T., 2259  
 Hodnett, E. M., 2363  
 Hohn, K. V., 2425  
 Hubbard, A. L., 2461  
 Hubbell, C., 2468
- Iliakis, G., 2224  
 Imai, Y., 2376  
 Imberti, L., 2474  
 Israels, L. G., 2498  
 Issaq, H. J., 2445  
 Issels, R. D., 2268
- James, B. C., 2504  
 Jameson, C. W., 2259  
 Jarrell, J., 2340  
 Jeffrey, A. M., 2385  
 Johnston, J. B., 2498
- Kamiyama, M., 2433  
 Kasprzak, K. S., 2445  
 Kawabata, T. T., 2317  
 Kawata, M., 2288  
 Kerbel, R. S., 2264  
 Kinahan, J. J., 2334  
 Kobayashi, M., 2413  
 Krug, E., 2243  
 Kuwano, M., 2413
- Laforge, J., 2481  
 Lai, E. V. Y., 2340  
 Lamm, K. R., 2259  
 Laster, W. R., Jr., 2323  
 Lazar, W., 2224  
 Lehr, B. M., 2468
- Li, G. C., 2268  
 Lichtenstein, A., 2211  
 Liem, A., 2275  
 Lipton, R. B., 2486  
 Liteplo, R. G., 2264  
 Lotan, D., 2417  
 Lotan, R., 2417  
 Lucier, G. W., 2328  
 Luster, M. I., 2259
- Mak, J. J., 2268  
 Marchetti, E., 2508  
 Maronpot, R. R., 2328  
 Marzola, A., 2508  
 Matsui, M. S., 2385  
 Matsushima, K., 2397  
 McKinna, A., 2494  
 McMahon, A., 2340  
 Melamed, M. R., 2504  
 Melder, D. C., 2363  
 Menter, D. G., 2425  
 Merl, S. A., 2468  
 Messing, E. M., 2230  
 Miller, E. C., 2275  
 Miller, J. A., 2275  
 Minna, J. D., 2371  
 Moncharmont, B., 2508  
 Moore, J. L., 2468  
 Muralidhar, G., 2440  
 Muramatsu, T., 2288  
 Murohashi, I., 2376
- Nakagawa, M., 2413  
 Nara, N., 2376  
 Nash, A., 2494  
 Natali, P. G., 2474  
 Neidhart, J. A., 2481  
 Nelson, W. G., 2403  
 Nenci, I., 2508  
 Nicotra, M. R., 2474  
 Niedzwiecki, D., 2334  
 Nissen-Meyer, J., 2251
- O'Connell, G., 2340  
 O'Connor, T. E., 2284  
 Okumura, K., 2288  
 Onozaki, K., 2397
- Paietta, E., 2461, 2486  
 Parikh, I., 2508  
 Perussia, B., 2236  
 Peters, W. P., 2323  
 Piccione, D., 2456  
 Poesz, B. J., 2468  
 Powis, G., 2363  
 Powles, T. J., 2494  
 Prashad, N., 2417  
 Pugh, L., 2498
- Querzoli, P., 2508
- Reddy, S., 2456  
 Rehm, S., 2445  
 Reznikoff, C. A., 2230  
 Rinehart, J. J., 2481  
 Rosen, M., 2236
- Samuels, L. L., 2334  
 Santella, R. M., 2451  
 Santone, K. S., 2363  
 Schwartz, E. L., 2486  
 See, K. L., 2363  
 Segatto, O., 2474  
 Sekiya, S., 2288  
 Shiraiishi, N., 2413  
 Sirotinak, F. M., 2334  
 Sloane, B. F., 2425  
 Sloop, T. C., 2328  
 Smith, I. E., 2494  
 Steinert, B. W., 2425  
 Stephenson, R. A., 2504  
 Sternberg, S. S., 2334  
 Stockert, R. J., 2461  
 Strauman, J. J., 2486
- Takamizawa, H., 2288  
 Takita, H., 2456  
 Tamatani, T., 2397  
 Tanikawa, S., 2376  
 Tashjian, A. H., Jr., 2243  
 Taylor, J. D., 2425  
 Trader, M. W., 2323  
 Trewyn, R. W., 2440  
 Trinchieri, G., 2236
- Vidal, P. M., 2334  
 Vournakis, J., 2468
- Waalkes, M. P., 2445  
 Weckbecker, G., 2218  
 White, H., 2494  
 White, K. L., Jr., 2317  
 Whitmore, W. F., Jr., 2504  
 Wiernik, P. H., 2461, 2486  
 Wilmanns, W., 2268  
 Wiseman, R. W., 2275  
 Wolf, G., 2311  
 Wolpert, M. K., 2323
- Yamashita, Y., 2376  
 Yang, X. Y., 2451  
 Yarnold, J., 2494  
 Yen, Y. P., 2295  
 Young, C. W., 2334  
 Young, D., 2481
- Ziai, M. R., 2474  
 Zimmerman, R. J., 2305



# 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. 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. A candidate is usually expected to have carried out the required two years of original cancer research at the postdoctoral level and to have appeared as the senior author on at least two publications in refereed journals. 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 provided that a compelling interest in cancer research can be demonstrated.

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. The completed original plus 5 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.
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's signature underneath the statement provided on the application form (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 senior 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  
Temple University School of Medicine  
West Building, Room 301  
Broad and Tioga Streets  
Philadelphia, PA 19140  
215/221-4565

### 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. This assessment is equivalent to that portion of the regular dues that pertains to support of activities other than the journal, *Cancer Research*. 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, 1987, deadlines will begin to pay dues in 1988.

Margaret Foti  
Executive Director

**APPLICATION FOR MEMBERSHIP**  
**AMERICAN ASSOCIATION FOR CANCER RESEARCH, INC.**  
 Temple University School of Medicine  
 West Building, Room 301  
 Broad and Tioga Streets  
 Philadelphia, PA 19140

CATEGORY OF MEMBERSHIP:       Active       Corresponding

NAME OF CANDIDATE: \_\_\_\_\_ DATE OF BIRTH: \_\_\_\_\_

PRESENT POSITION/TITLE: \_\_\_\_\_

INSTITUTIONAL AFFILIATION: \_\_\_\_\_

INSTITUTIONAL ADDRESS: \_\_\_\_\_

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

PRIMARY FIELD OF RESEARCH (Please check only one):

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Biochemistry and Biophysics                            | <input type="checkbox"/> Biostatistics           | <input type="checkbox"/> Carcinogenesis                 |
| <input type="checkbox"/> Cellular Biology and Genetics                          | <input type="checkbox"/> Clinical Investigations | <input type="checkbox"/> Endocrinology                  |
| <input type="checkbox"/> Epidemiology   | <input type="checkbox"/> Immunology              | <input type="checkbox"/> Molecular Biology and Genetics |
| <input type="checkbox"/> Preclinical Pharmacology and Experimental Therapeutics |  |   |
| <input type="checkbox"/> Virology   | <input type="checkbox"/> 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 senior author must accompany this application. For these two articles list the authors, title, journal, volume, inclusive pages, and year. Do not submit abstracts. Identify with an asterisk [\*] any papers resulting from predoctoral research.)

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

CANDIDATE NOMINATED BY: \_\_\_\_\_  
 (Please type or print)

CANDIDATE SECONDED BY: \_\_\_\_\_  
 (Please type or print)

All applicants must submit at least one letter of recommendation. Instead of writing a letter of recommendation **the seconder only** may sign the following statement:

I certify that this candidate has conducted at least two years of meritorious research that has resulted in publications relevant to cancer, and that this research adheres to accepted ethical standards. I recommend this candidate for membership in the American Association for Cancer Research.

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 #1 CITED JOURNAL IN ITS FIELD

**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 7,000 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 more than 20 countries and the United States
- **Perspectives in Cancer Research**, in which leading investigators explore contemporary and at times controversial topics
- **Supplemental issues** developed from symposia on relevant subjects—*Symposium on Estrogen Receptor Determination with Monoclonal Antibodies*, the 1986 supplement, presented reports from an international conference on new immunoassay techniques for evaluating breast cancer and other types of cancer.
- ***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.

1987 Subscription Rates:  Individual, \$120     Institutional, \$230

Add \$50 for delivery outside the US and Canada. 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 \_\_\_\_\_

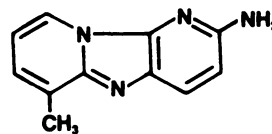
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

# Food Mutagens for carcinogenesis research

## Glu-P-1

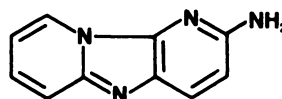
[9b-<sup>14</sup>C]Glu-P-1  
C1059

Glu-P-1 Hydrochloride Monohydrate  
U1169



## Glu-P-2

Glu-P-2  
U1035



## IQ

[2-<sup>14</sup>C]IQ  
C1057

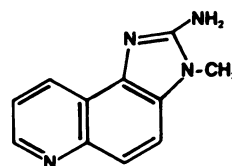
Methyl-IQ  
U1167

[2-<sup>14</sup>C]Methyl-IQ  
C1066

[5-<sup>3</sup>H]IQ  
T1026

IQ  
U1168

[5-<sup>3</sup>H]Methyl-IQ  
T1027



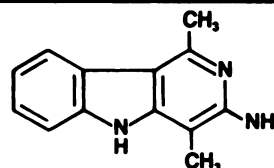
### NEW PRODUCTS

Iso-IQ  
U1175

[5-<sup>3</sup>H]Nitro-IQ  
T1034

## Trp-P-1

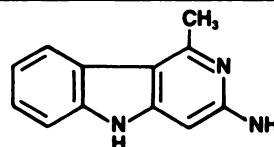
Trp-P-1 Acetate  
U1170



## Trp-P-2

[3-<sup>14</sup>C]Trp-P-2 Acetate  
C1060

Trp-P-2 Acetate  
U1171



Available from CSL, <sup>3</sup>H/<sup>14</sup>C labeled and unlabeled food mutagens and protein pyrolysates as high purity chemicals (≥96%) for research. Analytical data include UV/VIS and IR spectral analysis, NMR, m.p. and copies of chromatograms.

Chemsyn Science Laboratories is dedicated to synthesizing specialty organic chemicals, including isotopically-labeled as well as unlabeled compounds. Watch for additional products for carcinogenesis research. Write or call for a copy of our new Research Products Catalog.



Chemsyn Science Laboratories  
13605 W. 96th Terrace  
Lenexa, Kansas, 66215  
913-541-0525  
800-233-6643