AUTHOR INDEX

February 15, 1993

Akerkar, S., 721
Anderson, M. S., 806
Audette, M., 826
Baeckström, D., 755
Balis, F. M., 725
Banerjee, S., 717
Banks, S., 810
Bear, H. D., 833
Beaucage, S. L., 868
Bendig, M. M., 851
Bi, N., 884
Blaney, S. M., 725
Blankenstein, T., 714
Blot, W. J., 795
Borisch, B., 921
Bouillon, M., 826
Budillon, A., 868
Buettner, G. R., 711
Burns, C. P., 711
Callery, P. S., 766
Carmella, S. G., 721
CarMichael, M. J., 744
Castagnetta, L., 741
Chaney, S. G., 799
Chen, C-J., 790
Chen, H-C., 717
Cherian, M. G., 922
Cho-Chung, Y. S., 868
Chung, Y-s., 884
Coffee, D. S., 744
Cole, D. E., 725
Coletta, K. A., 777
Comstock, G. W., 795
Creek, K. E., 905
Di Lorenzo, T. P., 910
Dev, I. K., 810
De Vries, H. T., 784
Diamantstein, T., 714
Diamond, E. L., 795
Dickerson, S. H., 810
Dickerson, R. B., 873
Dorsch, M., 714
Duch, D. S., 810
Duh, F-M., 861
Durand, R. E., 733
Egorin, M. J., 766
Emi, M., 857
Epstein, J. I., 744
Fecarotta, E., 741
Feix, J. B., 806
Ferguson-Smith, M., 861
Ferone, R., 810
Fey, M. F., 921
FitzGerald, D. J. P., 819
Fujiwara, Y., 857
Gei, L., 861
Gelman, I. H., 915
Getzenberg, R. H., 744
Ghosh, L., 717
Gnarra, J., 861
Godwin, K. D., 725
Godwin, T. A., 762
Goldenberg, D. M., 819
Goldstein, S. M., 762
Gottesman, M. M., 747
Grekin, R. C., 762
Hanafusa, H., 915
Hansen, H. J., 819
Hansson, G. C., 755
Hara, A., 772
Harapani, A. D., 766
Heath, L. S., 810
Hecht, S. S., 721
Ho, J. L. I., 884
Hock, H., 714
Huang, P. C., 922
Humphreys, J., 810
Hung, M-C., 891
Ida, N., 737
Ikenaga, M., 846
Imamura, M., 846
Inge, T. H., 833
Ishizaki, K., 846
Jackson, S. M., 733
Jenkins, G. R., 905
Johnson, M. D., 873
Jones, A. L., 819
Kalyanaraman, B., 806
Khan, M. A., 905
Kim, Y. S., 884
Kishimoto, T., 851
Klaassen, C. D., 922
Knick, V., 810
Knight, R. A., 926
Koeman, J. H., 784
Koishihara, Y., 851
Kojima, T., 772
Kreitman, R. J., 819
Kunitomo, T., 730
Kunzendorf, U., 714
Kurimoto, I., 728
Kuzmin, I., 861
Lapré, J. A., 784
Latif, F., 861
Le Paslier, D., 861
Le Riche, J., 733
Lerman, M. I., 861
Levine, A. J., 929
Li, H., 861
Lindholm, L., 755
Linehan, W. M., 861
Lippman, M. E., 873
Liu, Y-P., 922
Longfellow, D. G., 922
Maher, E., 861
McCready, C. W., 833
Medema, J. P., 728
Meissner, S., 868
Melino, G., 926
Miki, K., 868
Midi, W., 861
Monden, M., 857
Mori, H., 772
Mori, T., 857
Moriyama, K., 737
Morris, J. S., 795
Mundy, G. R., 737
Murphy, S. E., 777
Nakai, M., 737
Nakamura, Y., 857
Nilsson, O., 755
Norkus, E. P., 795
Ohsugi, Y., 851
Olive, P. L., 733
Olivotto, I. A., 733
Orcutt, M. L., 861
Partin, A. W., 744
Pastan, I., 819
Patel, U., 717
Pendergast, W., 810
Pfeiffer, U., 741
Phipps, M., 861
Pirisi, L., 905
Pivik, C., 762
Poplack, D. G., 725
Price, J. E., 891
Price, M. R., 755
Prieto, E., 728
Qin, Z., 714
Reiss, M., 899
Richards, F., 861
Rigas, B., 762
Saldanha, J., 851
Salour, M., 833
Sato, K., 851
Sawada, H., 772
Scanlon, M., 891
Schmidt, L., 861
Schmidt, W., 799
Schreiber, H., 840
Scott, L., 737
Seung, S., 840
Shibagaki, I., 846
Shimada, Y., 846
Siddiki, B., 884
Singer, S., 810
Smith, G. K., 810
Snyder, S. W., 766
Spate, V., 795
Stackhouse, T., 861
Stearns, M. E., 878
Steinberg, B. M., 910
Steinle, J. W., 728
Subramaniam, B., 766
Tanaka, T., 772
Thiele, C. J., 926
Tobe, T., 846
Tobler, A., 921
Toguchida, J., 846
Tolleson, W. H., 905
Torri, J. A., 873
Tortora, G., 868
Tory, K., 861
Tsukiyama, M., 851
Tuttle, T. M., 833
Überla, K., 714
Urban, J. L., 840
Vambutas, A., 910
Van der Meer, R., 784
Vellucci, V. F., 899
Vidali, G., 741
Vineck, V., 728
Vindivich, D., 744
Waalkes, M. P., 922
Wagata, T., 846
Wagner, B. A., 711
Wang, L., 717
Wang, M., 878
Waters, K., 810
Wilson, H. R., 810
Wolf, J. K., 891
Wong, P. T. T., 762
Yandell, D. W., 846
Yao, M., 861
Yokozaki, H., 868
Yoneda, T., 737
Yoo, J., 744
Yu, D., 891
Yu, M-W., 790
Yuan, M., 884
Zbar, B., 861
Zheng, W., 795
Zhou, Z-L., 899
Zimmermann, A., 921
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. subscriptions to the journals Cancer Research, Cell Growth & Differentiation, and Cancer Epidemiology, Biomarkers & Prevention 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 all scientific meetings;
5. early notification of events in the AACR's series of special conferences;
6. subscriptions to any future AACR journals at reduced member rates;
7. reduced rates for the AACR Employment Register;
8. the benefit of AACR's public education activities;
9. 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 three deadlines for receipt of a membership application: March 1, July 1, and October 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. Candidates will be notified according to the following schedule:

Receipt of Application
in AACR Office                      Notification of Candidate
March 1                              May
July 1                               September
October 1                            December

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 secounder who is an active, emeritus, or honorary member of the AACR (at least one copy must be a signed, original letter).—OR—The secounder 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.

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 at least one of the AACR's publications. Newly elected members of the AACR who have already purchased subscriptions to Cancer Research, Cell Growth & Differentiation, or Cancer Epidemiology, Biomarkers & Prevention at the higher, nonmember rate will receive reimbursement of the unused portion of those subscriptions 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 publications, 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, Cell Growth & Differentiation, or Cancer Epidemiology, Biomarkers & Prevention at the reduced member rate.

Applicants elected in May will be responsible for payment of that year's dues; applicants elected in September and December will pay dues in the following year. Applicants elected in May and September will be eligible to sponsor an abstract for the next annual meeting. Every effort will be made to afford the same opportunity to applicants elected in December.

Margaret Foti
Executive Director
APPLICATION FOR MEMBERSHIP

CATEGORY OF MEMBERSHIP: □ Active □ Corresponding

NAME OF CANDIDATE: ___________________________ DATE OF BIRTH: ___________________________

LAST FIRST M.I.

PRESENT POSITION/TITLE: ___________________________

INSTITUTIONAL AFFILIATION: ___________________________

INSTITUTIONAL ADDRESS: ___________________________

(City) (State/Province) (Country) (Postal Code)

TELEPHONE NUMBER: ___________________________

FAX 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 □ 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.

_________________________ ___________________________

Signature of nominator* Date Signature of seconder*

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

* Both nominator and seconder must be active, emeritus, or honorary members of the AACR.

(This form may be reproduced.)
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 cosigns 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 postdoctoral students.);
4. preferred access to the AACR Employment Register;
5. optional subscriptions to the journals Cancer Research, Cell Growth & Differentiation, and Cancer Epidemiology, Biomarkers & Prevention 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 $30, 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 $30 dues payment to:

American Association for Cancer Research
Public Ledger Building
620 Chestnut St.
Suite 816
Philadelphia, PA 19106-3483
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 1993 have been set at $30 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 1993 for the forthcoming annual meeting must have paid dues for 1993. Any newly elected associate members of the AACR who have already purchased subscriptions to Cancer Research, Cell Growth & Differentiation, or Cancer Epidemiology, Biomarkers & Prevention 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 current 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 the year to which they should be applied. 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 1993 may retain associate membership until December 31, 1997. The Board of Directors may terminate the membership of an associate member whose dues are in arrears for two years.

Margaret Foti,
Executive Director
**APPLICATION FOR ASSOCIATE MEMBERSHIP**

**NAME OF CANDIDATE:** ____________________________

**LAST**  **FIRST**  **M.I.**  **DATE OF BIRTH:** ____________________________

**INSTITUTIONAL AFFILIATION:** ____________________________

**INSTITUTIONAL ADDRESS:** ____________________________

<table>
<thead>
<tr>
<th>(City)</th>
<th>(State/Province)</th>
<th>(Postal Code)</th>
<th>(Country)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TELEPHONE NUMBER:** ____________________________

**FAX 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.)**

<table>
<thead>
<tr>
<th>Degree</th>
<th>Institution</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Experience</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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.)**

<table>
<thead>
<tr>
<th>Author(s)</th>
<th>Title</th>
<th>Journal</th>
<th>Volume</th>
<th>Pages</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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 $30 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:

- [ ] current
- [ ] forthcoming

☐ current ☐ forthcoming calendar year.

(NOTE: If dues are applied to the forthcoming year, membership will take effect on January 1, but the candidate will not be eligible to sponsor an abstract for presentation at the annual meeting in May of that year.) See Guidelines for Application on the reverse side of this form for further instructions.

* Nominator must be active, emeritus, or honorary member of the AACR.

(This form may be reproduced.)
AMERICAN ASSOCIATION FOR CANCER RESEARCH  
EIGHTY-FOURTH ANNUAL MEETING  
May 19-22, 1993  
Orange County Convention Center  
Orlando, Florida  

ADVANCE REGISTRATION FORM  
(Please print or type)  

NAME:  
Last Name  
First Name/Middle Initial  
AACR Member Number  
Institution  

ADDRESS:  
Street, Building, or Post Office Box  
City  
State or Province  
Zip/Postal Code  
Country (if not U.S.)  

TELEPHONE:  
FAX:  

☐ Check this box if you have a physical disability and special requirements for transportation, hotel accommodations, or other facilities connected with the meeting. A member of the Association Staff will contact you.  

WHAT IS YOUR PRIMARY FIELD OF RESEARCH (Please check only one):  
☐ 1Biochemistry and Biophysics  ☐ 2Biostatistics  ☐ 3Carcinogenesis  ☐ 4Cellular Biology & Genetics  ☐ 5Clinical Investigations  
☐ 6Endocrinology  ☐ 7Epidemiology  ☐ 8Immunology  ☐ 9Molecular Biology  
☐ 10Preclinical Pharmacology & Experimental Therapeutics  ☐ 11Virology  ☐ 12Other (please specify):  

ARE YOU THE PRESENTER OF AN ABSTRACT SUBMITTED FOR THE 1993 AACR MEETING?  ☐ Yes  ☐ No  

ON WHICH DAYS WILL YOU ATTEND THE 1993 AACR ANNUAL MEETING?  
☐ Wednesday, May 19  ☐ Thursday, May 20  ☐ Friday, May 21  ☐ Saturday, May 22  

WILL YOU ATTEND THE ASCO MEETING IN ORLANDO?  ☐ Yes  ☐ No  

ON WHICH DAYS WILL YOU ATTEND THE 1993 ASCO ANNUAL MEETING?  
☐ Sunday, May 16  ☐ Monday, May 17  ☐ Tuesday, May 18  

PAYMENT OF REGISTRATION  

Fees may be paid by check or with a MasterCard, VISA, American Express, or Eurocard account. All payments must be made in U.S. currency, and all checks must be drawn on a U.S. bank. Payment must accompany this form; purchase orders will not be accepted as payment. Honorary and emeritus members may register gratis.  

**FEES**  

<table>
<thead>
<tr>
<th>Fees Description</th>
<th>On or Before Mar. 29</th>
<th>After Mar. 29</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Active/Corresponding Member Rate</td>
<td>$ 90</td>
<td>$115</td>
<td></td>
</tr>
<tr>
<td>Honorary/Emeritus Member Rate</td>
<td>$ 0</td>
<td>$ 0</td>
<td></td>
</tr>
<tr>
<td>Nonmember Rate (includes a copy of AACR Proceedings)</td>
<td>$185</td>
<td>$210</td>
<td></td>
</tr>
<tr>
<td>Associate Member/Student Rate* (does not include a copy of AACR Proceedings)</td>
<td>$ 45</td>
<td>$ 55</td>
<td></td>
</tr>
<tr>
<td>AACR Proceedings*</td>
<td>$ 35</td>
<td>$ 35</td>
<td></td>
</tr>
<tr>
<td>Overseas Airmail Surcharge*</td>
<td>$ 22</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

**METHOD OF PAYMENT**  

☐ Check payable to AACR, Inc. in U.S. currency, drawn on a U.S. bank  
Person/Institution Issuing Check  
Check No.  
☐ MasterCard  ☐ VISA  ☐ American Express  ☐ Eurocard  
Account Number and Expiration Date  

Total Enclosed or Charged  
Signature  

THE DEADLINE FOR REDUCED REGISTRATION FEES IS MARCH 29, 1993. Registration by mail will be accepted until April 16. Registration will also be possible at the Orange County Convention Center from May 18-22.  

*Students must enclose a statement, signed by the registrar, dean, or department head of their university or college on official letterhead, confiming their status. Postdoctoral fellows or physicians in training do not qualify for the student registration rate unless they are associate members of the AACR. An application for associate membership may accompany this form, but these should be submitted well before the March 29 deadline as review of the associate membership application may delay registration.  

+AACR members with paid-up subscriptions to an AACR journal and registrants who pay the nonmember fee receive the Proceedings automatically. If these members or nonmembers check this box and pay the $35 fee, they will receive an additional copy of the Proceedings.  

Optional payment for registrants outside of the U.S. and Canada only. Registrants paying this surcharge will receive meeting publications via air mail--printed matter before the annual meeting.  

Mail all advance registration forms with applicable fees to Annual Meeting Registration, American Association for Cancer Research, Inc., Public Ledger Building, 620 Chestnut Street, Suite 816, Philadelphia, PA 19106-3483. FAX: 215-440-9313. Badges and receipts will be sent to you in April or early May. AACR members in good standing will receive copies of the Program and Proceedings prior to the meeting. Nonmember and student registrants who meet the March 29 deadline will also receive the Program and (if they have purchased it) the Proceedings prior to the meeting. Nonmembers and students who do not meet the deadline must pick up publications at the meeting site.  

REFUND POLICY  

Refunds on registration fees will be granted on written request received in the AACR Office by May 12, 1993. Requests received after this date will not be honored. Receipts and badges (if they have been mailed) must be returned to the AACR Office with the refund request. A cancellation fee of $25 will be deducted from all refunds to cover administrative costs.  

(This form may be reproduced.)
AMERICAN ASSOCIATION FOR CANCER RESEARCH
SCIENTIFIC CONFERENCES: 1993-1994

MARCH 15-20, 1993
Mechanism of Action of Retinoids, Vitamin D, and Steroid Hormones
Chairpersons: Michael B. Sporn, Bethesda, MD; Ronald M. Evans, San Diego, CA; David Mangelsdorf, San Diego, CA
Banff Centre, Banff, Alberta, Canada

APRIL 13-17, 1993
Genetic Control of Cell Growth
Laureates Conference
General Motors Cancer Research Foundation
Chairpersons: Leland H. Hartwell, Seattle, WA; Peter K. Vogt, Los Angeles, CA; George F. Vande Woude, Frederick, MD
San Luis Hotel, Galveston, TX

MAY 19-22, 1993
84th Annual Meeting
Chairperson: Michael B. Sporn, Bethesda, MD
Orange County Convention Center, Orlando, FL

OCTOBER 17-21, 1993
Cell Death and Cancer
Chairperson: Alan R. Eastman, Hanover, NH
Chatham Bars Inn, Chatham (Cape Cod), MA

NOVEMBER 7-11, 1993
Molecular Approaches to Cancer Immunotherapy
Chairperson: Ralph A. Reisfeld, San Diego, CA
Grove Park Inn, Asheville, NC

NOVEMBER 9-13, 1993
Interactions of Cancer Susceptibility Genes and Environmental Carcinogenesis
Joint Meeting with International Association for Research on Cancer
Chairpersons: Frederick P. Li, Boston, MA, and Ruggero Montesano, Lyon, France
IARC, Lyon, France

DECEMBER 5-9, 1993
Cell Signalling and Cancer Treatment
Joint Meeting with British Association for Cancer Research and European Organisation for Research and Treatment of Cancer (PAM Group)
Chairpersons: Garth Powis, Tucson, AZ; Paul Workman, Glasgow, Scotland
El San Juan Hotel, San Juan, PR

JANUARY 17-22, 1994
Risk Assessment in Environmental Carcinogenesis
Chairpersons: Philip C. Hanawalt, Stanford, CA; James A. Swenberg, Chapel Hill, NC
Whistler Resort and Conference Center, Whistler, B.C., Canada

JANUARY 31-FEBRUARY 5, 1994
Molecular Genetics of Progression and Metastasis
Chairperson: Lance A. Liotta, Bethesda, MD
Big Sky Resort, Big Sky, MT

FEBRUARY 21-26, 1994
Genomic Instability and Cancer
Chairpersons: Thea D. Tlsty and Lawrence A. Loeb
Banff Springs Hotel, Banff, Alberta, Canada

MARCH 5-11, 1994
Growth Factors, Development, and Cancer
Joint Meeting with Friedrich-Miescher Institut
Chairpersons: Harold L. Moses and Bernd Groner
Congress Center, Interlaken, Switzerland

AACR members will receive brochures on the above special conferences as soon as they are available. Nonmembers should call or write:

American Association for Cancer Research
Public Ledger Building
620 Chestnut Street, Suite 816
Philadelphia, PA 19106-3483
215-440-9300 • 215-440-9313 (FAX)
Guidelines for Submitting Disks to American Association for Cancer Research Publications

The word processing packages that we prefer are as follows:

- XyWrite III Plus (for the IBM)
- WordPerfect 4.2, 5.0, 5.1 (for the IBM)
- WordPerfect (for the Mac)
- Wordstar (for the IBM)
- Microsoft Word (for the IBM)
- Microsoft Word Macintosh (Versions 1–4) 400/800K
- Wang OIS (WPS)

Also acceptable:

- Apple II DOS 3.3
- Apple with Appleworks Software
- Apple III Plus DOS 3.3
- Apple Macintosh 400K Disc/
  - MacWrite 2.2 (text)
- Apple Macintosh Plus 800K Disc/
  - MacWrite 4.5 (text)
- CPT 8000
- DEC WPS-8
- DEC Decmate II
- DEC Decmate III
- Display Write 3
- Display Write 4
- IBM Displaywriter Word Processor 6580
- Lanier Business One Step
- Lanier No Problem
- Lanier Super No Problem
- MASS-11 PC
- Multimate
- PC Write
- PFS Professional Write
- Volkswriter 4.0

New releases of word processing software are not always immediately available for conversion. In addition, because of the file structures and internal coding, we cannot accept disks created on desktop publishing systems or those created on proprietary typesetting systems. We also cannot guarantee that all special characters can be translated. Tabular and mathematical material, such as equations, will not be captured from the disk but will be rekeyed.

To expedite work and for your own security, we do require that you submit a hard copy printout of the disk file. The tables and equations will be keyed from this hard copy. We also need to know the name of the file to be converted, the type of hardware (e.g., IBM PC) on which the files were created, the operating system (e.g., DOS 3.3), and the version of the software (e.g., WordPerfect 5.1) used to create the file.

PLEASE FILL OUT ALL INFORMATION ON REVERSE SIDE AND SUBMIT THIS FORM WITH YOUR DISK. DISKS WILL NOT BE PROCESSED WITHOUT THIS INFORMATION.
DISK SUBMISSION FORM

AACR journals are now using personal computers to copyedit manuscripts accepted for publication. When submitting a revised manuscript, authors are encouraged to submit an electronic disk of the paper along with the required four hard copy printouts. Disks will ultimately be returned to the authors.

See reverse for the word processing packages that can be accepted.

File preparation

Please be sure that the file you send is the most recent version of the manuscript and that it matches the most recently submitted printed copy. The file should contain all the parts of the manuscript in one file. Mathematical and tabular material, however, will be processed in the traditional manner and may be excluded from the disk file.

Note: AACR does not assume responsibility for errors in conversion of customized software, newly released software, or special characters.

Please label the outside of the disk with the journal name, the first author’s name, a partial title of the manuscript, and the name of the computer file used to access the manuscript on disk. To process your disk efficiently, we need the following information. Please be sure to provide ALL the information.

Name used to access paper on disk: ____________________________
Name of computer used (e.g., IBM/PS2): ____________________________
Operating system and version (e.g., DOS 3.3): ____________________________
Word processing program and version (e.g., WordPerfect 5.0): ____________________________
[See reverse for acceptable programs.]

Manuscript number: ____________________________  
First author: ____________________________  
Corresponding author (if different from first author): ____________________________  
Telephone/FAX numbers: ____________________________

This form (both sides) may be reproduced.
Each cassette is $11.50. • Programs consist of one to three cassettes.
□ CAN 257 Minisymposium Immunology 13: Cytokine
$34.50 Modulation of Tumor Growth
(Three cassettes)
□ CAN 258 Minisymposium Preclinical
$34.50 Pharmacology/Experimental Therapeutics
35: Liposomes in Drug Delivery
(Three cassettes)
□ CAN 259 Minisymposium Carcinogenesis 22:
$34.50 Mutational Specificity (Three cassettes)
□ CAN 260 Minisymposium Biology 16: Signal
$34.50 Transduction (Three cassettes)

□ CO 215 (SIT3) Cancer in Older Persons
$11.50 (One cassette)
□ CO 216 (SIT4) Acceptance and Implementation
$11.50 of New Therapy (One cassette)
□ CO 217 Breast Cancer: Adjuvant Therapies
$34.50 (Three cassettes)
□ CO 218 Non-Small Cell Lung Cancer/Head and
$34.50 Neck Tumors (Three cassettes)
□ CO 219 Adult Leukemia
$34.50 (Three cassettes)
□ CO 220 Clinical Pharmacology
$34.50 (Three cassettes)
□ CO 221 Pediatric Solid Tumors
$34.50 (Three cassettes)
□ CO 222 Presidential Address and Awards
$11.50 Ceremony [Martin D. Abeloff, MD] (One Cassette)
□ CO 223 Twenty-Third Annual David A. Karnofsky
$11.50 Memorial Lecture: Ode to Methotrexate
[Joseph Berino, MD] (One Cassette)
□ CO 224 Plenary Session
$23.00 (Two Cassettes)
□ CO 225 Breast Cancer: Advanced
$34.50 (Three Cassettes)
□ CO 226 Gastrointestinal Tract Cancer
$34.50 (Three Cassettes)
□ CO 227 Genitourinary Tract Cancer
$34.50 (Three Cassettes)
□ CO 228 Tumor Immunology
$34.50 (Three Cassettes)
□ CO 229 Pediatric Leukemia and Lymphoma
$34.50 (Three Cassettes)
□ CO 230 Small Cell Lung Cancer/Central
$34.50 Nervous System Tumors (Three Cassettes)
□ CO 231 Adult Lymphoma
$34.50 (Three Cassettes)
□ CO 232 Melanoma/Sarcoma
$34.50 (Three Cassettes)
□ CO 233 Gynecological Tumors
$34.50 (Three Cassettes)
□ CO 234 Epidemiology/Cancer Prevention and
$34.50 Control (Three Cassettes)
□ CO 235 Cancer Biology and Molecular Genetics
$23.00 (Two Cassettes)
□ CO 236 Lung Cancer (Poster Discussion)
$11.50 (One Cassette)
□ CO 237 Psychosocial Aspects
$11.50 (One Cassette)

Special Offer:
Buy all 16 Symposia & Special Interest Topic Sessions
at a 10% Savings — $165.00 (Regular Price $184.00)

DISCOUNTS:
1-5 . . .$.11.50 Each
6-11 . . .$.5% Discount
12-24 . . .$.10% Discount
25-48 . . .$.15% Discount
49 or more tapes . . .$.20% Discount

HOW TO ORDER:  Check desired cassettes. Fill in information below. Send to Teach’em, Inc., 160 E. Illinois St.,

Amount of Order (Illinois residents add 6.75% sales tax) $ 
Foreign Country: Add $2 per tape outside the U.S. $ 
Shipping and Handling $ 4.00
Total (in U.S. funds) $ 

Please print:
Name: 
Organize: 
Address (No PO. Boxes): 
City: 
State: 
Zip: 
Signature: 
Telephone ( )

Note: Defective tapes will be replaced, but tapes are nonrefundable.
THE AMERICAN ASSOCIATION FOR CANCER RESEARCH ANNOUNCES AN AACR SPECIAL CONFERENCE IN CANCER RESEARCH

Genetic Control of Cell Growth

April 13-17, 1993
San Luis Hotel, Galveston, Texas

LAUREATES CONFERENCE
General Motors Cancer Research Foundation

CONFERENCE CHAIRPERSONS
Leland H. Hartwell / Seattle, WA
Peter K. Vogt / Los Angeles, CA
George F. Vande Woude / Frederick, MD

SCIENTIFIC PROGRAM

Transcription
Steven L. McKnight / S. San Francisco, CA
Kevin Struhl / Boston, MA
Tom Curran / Nutley, NJ
Robert G. Roeder / New York, NY

Signals
Stuart Kauffman / Santa Fe, NM
Joseph R. Nevins / Durham, NC
Anthony P. Mahowald / Chicago, IL
Robin E. Denell / Manhattan, KS

Cell Cycle
James M. Roberts / Seattle, WA
Andrew Murray / San Francisco, CA
Joan V. Ruderman / Boston, MA
Steven I. Reed / La Jolla, CA

Instability
Thea D. Tlsty / Chapel Hill, NC
Brian J. Reid / Seattle, WA
Michael B. Kastan / Baltimore, MD
John H. Wilson / Houston, TX

Development
Andy Golden / Pasadena, CA
Eric N. Olson / Houston, TX
Luis Parada / Frederick, MD
Sarah Crittenden / Madison, WI

Oncogenes
Edward E. Harlow / Charlestown, MA
F. Michael Hoffman / Madison, WI
Harold E. Varmus / San Francisco, CA
Stephen H. Friend / Charlestown, MA

Transgenics
Stanley J. Korsmeyer / St. Louis, MO
Wen Hwa Lee / San Antonio, TX
Douglas Hanahan / San Francisco, CA
Allan Bradley / Houston, TX

Information and Application Forms
American Association for Cancer Research
Public Ledger Building
620 Chestnut Street, Suite 816
Philadelphia, PA 19106-3483
215-440-9300 215-440-9313 (FAX)