AUTHOR INDEX

November 15, 1997

Aaltonen, L. A., 5017
Anderson, E., 4987
Andrew, S. E., 5143
Aoki, K., 5022

Baker, A., 5162
Baker, S. M., 5143
Bann, S., 5067
Beck, W. T., 5004
Belfi, C. A., 5112
Beldegrun, A., 5189
Berberich, S. J., 5013
Berger, N. A., 5112
Berger, S. J., 5112
Bertagnoli, M. M., 5045
Bianco, A. R., 5107
Bianco, R., 5107
Bilinski, R. T., 5045
Bodmer, W. F., 5017
Boothen, S. K., 5045
Bova, G., 5097
Bowd, E. T., 5028
Bradley, A., 5143
Brenner, W., 5009
Briehl, M. M., 5162
Bromer, C. E., 5143
Burg, G., 5073

Caims, P., 4997
Caron, S., 5017
Carson, D. D., 5148
Carstens, C-P., 5117
Chadburna, A., 5045
Chatterjee, S., 5112
Chau, M. S., 5168
Cheng, W., 5179
Giardello, F., 5107
Clarke, R. B., 4987
Costa, M., 5060
Cottrell, S. E., 5017

Dahia, P. L. M., 5017
Darcy, K., 5067
Davis, B. M., 5093
Decker, H-J., 5009
deKernion, J. B., 5189
dWeber, W., 5189
Dhingra, K., 4992
di Isernia, G., 5107
Dorjusen, D., 5137
Dummer, R., 5073
Dunlop, M. G., 5017

Eberlein, T. J., 5122
Eccles, D., 5017
Ekimoto, H., 5041
Eng, C., 5017
Esteller, M., 4997
Evans, S. M., 5155

Fahl, W. E., 5117
Figueroa, R., 5189
Flace, A., 5073
Fojo, T., 5086
Fontana, J. A., 5129
Foty, R. A., 5033
Fritzler, J. A., 5143
Fukuchi-Shimogori, T., 5041

Gerald, T. M., 5129
Gerson, S. L., 5093
Glazer, P. M., 5143
Goedegebuure, P. S., 5122
Goodman, M. T., 5077
Gupta, E., 5100
Halachmi, N., 4997
Halachmi, S., 4997
Hankin, J. H., 5077
Hemmi, A., 5017
Hemmink, A., 5017
Herman, J. G., 4997
Hirotta, H., 5112
Ho, I-C., 5051
Hodgson, S. V., 5017
Hohenfellner, R., 5009
Hortonbey, G., 4992
Howell, A., 4987
Hsu, C. K. A., 5129
Hsu, H-C., 5179
Huber, C., 5009
Hunter, T., 5168
Hussain, A., 5129

Ibrahim, N., 5100
Ike, H., 5022
Igazashi, K., 5041
Ip, C., 5067
Isaacs, W. B., 4997
Ishii, L., 5041

Jacobs, A. L., 5148
Järvinen, H., 5017
Jen, J., 4997
Jenkins, W. T., 5155
Jirik, F. R., 5143
Julian, J., 5148

Kashiwagi, K., 5041
Kato, T., 5037
Kawano, Y., 5037
Kellokumpu, I., 5017
Koç, O. N., 5093
Koch, C. J., 5155
Kolonen, L. N., 5077
Kremer, A., 5117
Kuroda, Y., 5037

Lai, P-L., 5179
Laughlin, K. M., 5155
Lee, J. J., 4992
Lee, K., 5093
Lee, P. J., 5122
Lee, T-C., 5051
Lehman, T. A., 5001
Li, X-G., 5100
Li, X-S., 5129
Lin, Y., 5137
Linehan, M., 5189
Lippman, S. M., 4992
Liskay, R. M., 5143
Liu, L. Q., 5077
Liu, X., 4992
Loftus, T., 5067
London, S. J., 5001
Lohan, R., 4992
Lukmanji, F., 4992
Lunetta, K. L., 5017
Lyu, L-C., 5077

Mahmoud, N. N., 5045
Markie, D., 5017
Marsh, D. J., 5017
Martucci, C., 5045
Mashiba, H., 5041
Matsumoto, N., 5022
Matsumoto, Y., 5086
Mayo, L. D., 5013
McDuffie, K., 5077
Mendoza, J., 5100
Meyer, J. C., 5073
Milich, E., 5185
Mo, Y-Y., 5004
Mueller, S. C., 5028
Mulders, P., 5189
Murakami, S., 5137

Nandagiri, R., 4992
Narayanan, L., 5143
Neale, K., 5017
Nichol, C. A., 5185
Nomura, T., 5137
Okami, K., 4997
Okamoto, Y., 5037
Osada, Y., 5022

Pantazis, P., 5100
Parkinson, D., 5189
Pascal, M., 5100
Payne, C. M., 5162
Pepe, S., 5077
Phillips, R., 5017
Pomatiaco, G., 5017
Poon, R. Y. C., 5168
Potten, C. S., 4987
Powis, G., 5162
Prolla, T. A., 5143
Reese, J. S., 5093
Rishi, A. K., 5129
Roth, S., 5017
Rozen, P., 5017
Rubin, E. H., 5100

Sahin, A. A., 5148
Saleem, A., 5100
Salikov, A., 5117
Sarkar, S., 5122
Sato, H., 5028
Schupp, J. E., 5093
Schweder, R. F., 5009
Seifert, B., 5073
Seiki, M., 5028
Shimosaka, A., 5037
Sidransky, D., 4997
Sistonon, P., 5017
Stilani, J., 5028
Snieg, N., 4992
Spanjaard, R. A., 5122
Steinberg, M. S., 5033
Storkel, S., 5009
Sugimura, T., 5022
Syngal, S., 5017

Takanaka, H., 5068
Takata, Y., 5037
Tang, H., 5137
Taylor, J. A., 5001
Terada, M., 5022
Thompson, E. W., 5028
Thompson, H., 5067
Tomlinson, I. P. M., 5017
Tortora, G., 5107
Turchi, J. J., 5013
van Oorsouw, N. J., 5017
Van Winkle, T., 5155
Vijg, J., 5017

Wang, Q., 5004
Wang, S., 5060
Wasserman, W. W., 5117
Watanabe, T., 5037
Wilkens, L. R., 5077
Wilson, D. F., 5155
Witroux, R., 5189
Wimmer, L., 5073
Winterpacht, A., 5009

Xu, X-C., 4992
Yamashita, K., 5168
Yamashita, T., 5137
Yih, L-H., 5051
Yoshida, T., 5022
Yu, M., 5028
Zabel, B., 5009
Zhang, Z., 5017
Zhu, Z., 5067
AMERICAN ASSOCIATION FOR CANCER RESEARCH
1998 EMPLOYMENT REGISTER FORMS AND INSTRUCTIONS

INTRODUCTION
The AACR's Employment Register is intended to attract young scientists to the Association, increase interest in AACR programs, and provide a valuable service to all cancer researchers, both senior and junior investigators.

Since 1988, AACR Staff has scheduled interviews at the annual meeting, and brief advertisements describing available candidates and positions have been published in the Proceedings of the American Association for Cancer Research and in three issues of Cancer Research. These services will be continued in 1998. Registration forms for the 1998 Employment Register can be found on the following pages. Fees have been set at the following levels:

Each candidate registration
- by an AACR member $10
- by a nonmember $25

Each position listing
- by an AACR member from a nonprofit or governmental organization $75
- by a nonmember from a nonprofit or governmental organization $125
- by a commercial organization $275
($225 for companies participating in the 1998 AACR Exhibit Show)

INSTRUCTIONS FOR CANDIDATES

1. Supply all information requested on the attached candidate registration form.

2. Type a short description of your background and the position you are seeking in the 5” X 1¼” box provided. Do not include your name; the AACR will assign identification numbers to all candidate listings. Please type carefully: this description will be reproduced as described in the section below entitled PUBLICATION OF LISTINGS.

3. Enclose the original form plus 1 copy.

4. Enclose appropriate payment:
a. $75 from AACR members in nonprofit or governmental organizations,
b. $125 from nonmembers in nonprofit or governmental organizations,
c. $275 from commercial firms ($225 from firms participating in the 1998 AACR Exhibit Show).

5. Checks should be issued in U.S. dollars, drawn on a U.S. bank, and made payable to AACR, Inc. Purchase orders are not acceptable as payment for employment register fees.

6. Forms should be submitted by December 1, 1997, to ensure publication of listings in the Proceedings. However, candidate registration forms will continue to be accepted in the Association Office until February 2, 1998. After that date forms should be submitted at the annual meeting.

7. Mail all position listing forms to:
   Employment Register
   American Association for Cancer Research, Inc.
   Public Ledger Building, Suite 826
   150 S. Independence Mall West
   Philadelphia, PA 19106-3483

SCHEDULING OF INTERVIEWS
The AACR will set aside space at the annual meeting for interviews which will be scheduled at mutually agreeable times during the following hours: Saturday, March 28, from 1:00-7:00 p.m.; Sunday, Monday, and Tuesday, March 29-31, from 8:00 a.m. to 5:00 p.m.; and Wednesday, April 1, from 9:00 a.m. to 1:00 p.m. Each candidate and employer will receive an identification number. Registrants who submit their forms and fees by February 2, 1998, will receive an acknowledgment card which contains their identification number.

PUBLICATION OF LISTINGS
Short advertisements describing each candidate and position listing will be published in Volume 39 (1998) of the Proceedings of the American Association for Cancer Research and in the July 1, September 1, and November 1, 1998, issues of Cancer Research. The attached forms contain space for copy for these advertisements. Please type carefully to ensure accurate reproduction of your advertisement. Your copy must not exceed the limits of the box because space for these advertisements is limited. Advertisements for available positions should contain the name and address of the person conducting the job search, and candidates will be able to communicate with that person directly. Candidate advertisements will be anonymous. The AACR will send the candidate's complete form via first-class mail to any registered employer who requests it. The employer must bear the cost of receiving candidate forms in any manner other than first-class mail.

As noted above, because of the early publication date of the Proceedings, forms must be received by December 1, 1997, to ensure publication in that document. However, all advertisements submitted before or during the meeting will be published in the three issues of Cancer Research. Registrants wishing to withdraw their advertisements must submit written requests to that effect to the Association Office by May 15, 1998, for the July 1 issue; July 15, 1998, for the September 1 issue; and September 15, 1998, for the November 1 issue. All participants in the Employment Register are urged to notify the Association immediately of any change in their status so that all listings will remain current.

FURTHER INFORMATION
Questions about the Employment Register may be directed to the Association Office at 215-440-9300 ext. 123.
POSITION LISTING

AMERICAN ASSOCIATION FOR CANCER RESEARCH
EMPLOYMENT REGISTER

(Please type and submit original and 1 copy plus payment)

DESCRIPTION OF POSITION

Title ____________________________________________________________

Nature of Work and Responsibilities (research, teaching, administration, etc.)

Education and Experience Required

Date Position Available ________________________________ Annual Salary Range ____________________________

Location of Position ____________________________

Areas of Specialization
(Indicate a maximum of three in order of greatest activity)

[ ] 12. Virology [ ] Other (please specify): __________________________

EMPLOYER'S REPRESENTATIVE(S) __________ AACR Member Number __________

Name(s) and Title(s) ____________________________________________

Institution ___________________________________________________

Address _______________________________________________________

Telephone __________________ Fax No. __________________ Email __________________

AVAILABILITY FOR INTERVIEWS AT AACR ANNUAL MEETING

I ______ plan ______ do not plan to attend the AACR Annual Meeting in New Orleans, LA.

Dates available for interviews: ______March 28 ______ March 29 ______ March 30 ______ March 31 ______ April 1

ADVERTISEMENT (Please type a short description of the position in the box below. If received by December 1, 1997, your advertisement will be printed in the 1998 Proceedings. All advertisements will appear in the July 1, September 1, and November 1, 1998, issues of Cancer Research.)


(This form may be reproduced)
CANDIDATE REGISTRATION

AMERICAN ASSOCIATION FOR CANCER RESEARCH
EMPLOYMENT REGISTER

(Please type and submit original and 1 copy plus payment)

TYPE OF POSITION DESIRED (Check all that apply)

____Postdoctoral  ____Physician in Training  ____Research Associate/Staff Scientist  ____Faculty

TYPE OF INSTITUTION DESIRED (Check all that apply)

____Industry  ____Academic  ____Government

Name:__________________________________________  Last  First  M.I.  AACR Member Number

Business Mailing Address:______________________________________________________________

______________________________________________________________  Major Field:________________

______________________________________________________________  Highest Degree:________________

______________________________________________________________  Year Obtained:______________

Bus. Telephone________________________  Fax No.________________________  Citizenship________________________

Email__________________________________________  Desired Salary________________________

Date Available________________________  Geographic Preference________________________

Areas of Specialization

(Indicate a maximum of three in order of greatest activity)

____¹Biochemistry & Biophysics  ____²Carcinogenesis  ____³Cellular Biology & Genetics  ____⁴Clinical Investigations

____⁵Endocrinology  ____⁶Epidemiology  ____⁷Experimental Therapeutics  ____⁸Immunology

____⁹Molecular Biology & Genetics  ____¹⁰Prevention  ____¹¹Radiobiology/Radiation Oncology

____¹²Virology  ____¹³Other (please specify):________________________

ADVERTISEMENT (Please type a short description of your background and the position you are seeking in the box below. If received by December 1, 1997, your advertisement will be printed in the 1998 Proceedings. All advertisements will appear in the July 1, September 1, and November 1, 1998, issues of Cancer Research. DO NOT GIVE YOUR NAME OR ADDRESS; the AACR will assign identification numbers to each advertisement.)


(over)
Name__________________________________________________________
Candidate I.D. Number______________________________________________

ACADEMIC TRAINING
College or University

From/To Major Minor Degree(s)

________________________________________________________

________________________________________________________

________________________________________________________

________________________________________________________

________________________________________________________

________________________________________________________

POSITIONS HELD (List in chronological order, current position first)

Employer From/To Position/Nature of Duties

________________________________________________________

________________________________________________________

________________________________________________________

________________________________________________________

________________________________________________________

PUBLICATIONS (List five most recent; include titles and co-authors)

________________________________________________________

________________________________________________________

________________________________________________________

________________________________________________________

________________________________________________________

OTHER (List specific areas of expertise, professional societies, honors, etc.)

________________________________________________________

________________________________________________________

________________________________________________________

________________________________________________________

________________________________________________________

REFERENCES (Give name and business address)

________________________________________________________

________________________________________________________

________________________________________________________

________________________________________________________

________________________________________________________

AVAILABILITY FOR INTERVIEWS AT AACR ANNUAL MEETING

I ___plan ___do not plan to attend the AACR Annual Meeting in New Orleans, LA

Dates available for interviews:  ___March 28  ___March 29  ___March 30  ___March 31  ___April 1

(This form may be reproduced)
BENEFITS OF MEMBERSHIP

The American Association for Cancer Research (AACR), a scientific society of over 13,000 laboratory and clinical cancer researchers, was founded in 1907 to facilitate communication and dissemination of knowledge among scientists and others dedicated to the cancer problem; to foster research in cancer and related biomedical sciences; to encourage the presentation and discussion of new and important observations in the field; to foster public education, science education, and training; and to advance the understanding of cancer etiology, prevention, diagnosis, and treatment throughout the world.

Members of the AACR enjoy the following benefits:

1. the privilege of sponsoring a proffered paper (abstract) for consideration for presentation at the AACR annual meeting;
2. subscriptions to the Association’s high-quality journals Cancer Research, Clinical Cancer Research, Cell Growth & Differentiation, and Cancer Epidemiology, Biomarkers & Prevention at reduced member rates;
3. an advance copy of the Program and Proceedings of the American Association for Cancer Research that contains over 4,000 abstracts of proffered papers presented at the annual meeting;
4. reduced registration rates at annual meetings;
5. priority notice of small, focussed meetings in the AACR’s exciting series of Special Conferences in Cancer Research;
6. substantially reduced registration rates for Special Conferences;
7. opportunities for participation in AACR meetings in North America and abroad with other scientific societies around the world;
8. receipt of AACR Newsletters and other important announcements;
9. early notification of and reduced rates for participation in the AACR Employment Register;
10. an up-to-date Membership Directory of over 13,000 member researchers in the cancer field;
11. the professional benefits of the AACR’s public education activities concerning funding for cancer research and press coverage of the latest research findings;
12. the opportunity to participate in three Summer Workshops that foster knowledge in the cancer field for young investigators;
13. the facilitation of informal scientific exchange with leading researchers in the cancer field; and
14. many more ongoing benefits.

QUALIFICATIONS FOR MEMBERSHIP

Active membership in the AACR is open to investigators who live in the Americas. Individuals who have conducted two years of research resulting in peer-reviewed publications relevant to cancer, or who have made substantial contributions to cancer research in an administrative or educational capacity, are eligible. If a candidate has conducted research in an area of biomedical science related to cancer, he or she will qualify for membership. Evidence of patents relevant to cancer research may be submitted as qualifications for membership in lieu of peer-reviewed publications.

Corresponding membership is open to persons who are not residents of the Americas. The qualifications for corresponding membership are the same as those indicated above for active membership. Visiting scientists from outside the Americas who intend to return to their countries of origin by the anticipated time of election should apply for corresponding membership. All other visiting scientists should apply for active membership and transfer to corresponding status upon leaving the Americas.

Graduate and medical students, postdoctoral fellows, and physicians in training who do not yet meet the above qualifications for active or corresponding membership should apply for associate membership. Forms for associate membership are available from the AACR Office.

PROCEDURES FOR APPLICATION

There are three deadlines for the receipt of a membership application: January 1, May 1, and September 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:

<table>
<thead>
<tr>
<th>Receipt of Application</th>
<th>Notification of Candidate</th>
</tr>
</thead>
<tbody>
<tr>
<td>in AACR Office</td>
<td></td>
</tr>
<tr>
<td>January 1</td>
<td>March</td>
</tr>
<tr>
<td>May 1</td>
<td>July</td>
</tr>
<tr>
<td>September 1</td>
<td>November</td>
</tr>
</tbody>
</table>

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, corresponding, 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 scientific 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, corresponding, 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. As noted above, evidence of patents developed by the candidate may be submitted in lieu of one or both of the publications. If submitting patents, supply patent number and year awarded.

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:

Membership Services Department
American Association for Cancer Research
Public Ledger Building, Suite 826
150 S. Independence Mall West
Philadelphia, PA 19106-3483
Phone: 215/440-9300
FAX: 215/440-9412
E-mail: aacr@aacr.org

RESPONSIBILITIES OF MEMBERSHIP

Candidates should be aware of the following responsibilities of membership in the AACR. Active members must pay annual dues. In 1998 annual dues for active members are $175, $100 of which is designated for AACR journal subscriptions. Newly elected members of the AACR who have already purchased subscriptions to Cancer Research, Clinical Cancer Research, Cell Growth & Differentiation, or Cancer Epidemiology, Biomarkers & Prevention at the higher, nonmember rates will receive reimbursement of the unused portion of those subscriptions once their first year’s membership dues are paid in full.

Corresponding members are required to pay dues ($90 in 1998) and may, if they wish, subscribe to Cancer Research, Clinical Cancer Research, Cell Growth & Differentiation, or Cancer Epidemiology, Biomarkers & Prevention at reduced member rates.

Applicants elected in March will be responsible for payment of that year’s dues; applicants elected in July and November will pay dues for the following year. Applicants elected in March and July 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 November.

Margaret Foti, Ph.D.
Executive Director
APPLICATION FOR ACTIVE OR CORRESPONDING MEMBERSHIP

NAME OF CANDIDATE: ____________________________

LAST FIRST M.I. DATE OF BIRTH: ____________

Month/Day/Year

PRESENT POSITION/TITLE: ________________________________

INSTITUTIONAL AFFILIATION: ________________________________

INSTITUTIONAL ADDRESS: ________________________________

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

TELEPHONE NUMBER: ____________________________

FAX NUMBER: ____________________________

E-MAIL ADDRESS: ________________________________

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 Virology Other: ____________________________

Experimental Therapeutics

(Please specify)

ACADEMIC DEGREES (Including where and when granted)

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

PUBLICATIONS (Reprints of two peer-reviewed 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. If submitting patents, supply patent number and year awarded.)

CANDIDATE IS APPLYING FOR (Check one): □ ACTIVE □ CORRESPONDING MEMBERSHIP

CANDIDATE NOMINATED BY*: ________________________________

CANDIDATE SECONDED BY*: ________________________________

(Please print)

(Please print)

STATEMENT OF SUPPORT

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

I acknowledge by signing this statement of support that this candidate adheres to accepted ethical scientific standards and has or will make a long-term contribution to cancer research.

Signature of Nominator* ____________________________ Date ____________________________

Signature of Seconder* ____________________________ Date ____________________________

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

*Both nominator and seconder must be active, corresponding, emeritus, or honorary members of the AACR in good standing.
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 are following a course of study or who are working in a research program relevant to cancer. Scientists in training who already have a substantial record of publications may wish to apply for active or corresponding membership which confers full benefits of membership.

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 facilitate communication and dissemination of knowledge among scientists and others dedicated to the cancer problem; to foster research in cancer and related biomedical sciences; to encourage presentation and discussion of new and important observations in the field; to foster public education, science education, and training; and to advance the understanding of cancer etiology, prevention, diagnosis, and treatment throughout the world. Associate members of the AACR enjoy the following benefits:

1. the privilege of sponsoring a proffered paper (abstract) for consideration at presentation at the AACR annual meeting provided that (a) the associate member is the presenter of the paper and (b) an active, corresponding, emeritus, or honorary member in good standing of the AACR also signs the abstract of the paper in support of the work. (In this instance, the member who cosigns the abstract does not lose his or her own sponsorship privilege.);
2. optional subscriptions to the Association’s high-quality journals: Cancer Research, Clinical Cancer Research, Cell Growth & Differentiation, and Cancer Epidemiology, Biomarkers & Prevention at reduced member rates; beginning in 1998 associate members will be able to purchase AACR journals for half the price of a regular member subscription;
3. an advance copy of the scientific Program and (if one has been purchased by the associate member) the Proceedings of the American Association for Cancer Research that contains over 4,000 abstracts of proffered papers presented at the annual meeting;
4. the privilege of registering for the annual meeting at the low associate member rate;
5. the privilege of electing an Associate Member Council that organizes programs benefiting associate members and that presents their concerns to the AACR Board of Directors;
6. the opportunity to stand for election to the Associate Member Council;
7. preferred access to the AACR Employment Register;
8. priority notification of events in the AACR’s series of special conferences on timely subjects in the field;
9. substantially reduced registration rates at special conferences;
10. the receipt of AACR newsletters, meeting announcements, and an up-to-date Membership Directory;
11. the opportunity to participate in three Summer Workshops that foster knowledge in the cancer field for young investigators; and
12. 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, corresponding, emeritus, or honorary 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 nominator. In addition, the candidate should submit one copy of his or her curriculum vitae. 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 for one year’s dues payment must accompany the application. Dues for 1998 are $45 for associate members residing in the Americas and $55 for residents of other countries. 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 appropriate dues payment to:

Membership Services Department
American Association for Cancer Research
Public Ledger Building, Suite 826
150 S. Independence Mall West
Philadelphia, PA 19106-3483
Phone: 215/440-9300
Fax: 215/440-9412
E-mail: aacr@aacr.org

RESPONSIBILITIES OF MEMBERSHIP

Associate members must pay annual dues in an amount to be determined by the AACR Board of Directors. Dues for 1998 have been set at $45 per year for residents of the Americas and $55 for residents of other countries. 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 October 1997 for the forthcoming annual meeting must have paid dues for 1997. Any newly elected associate members of the AACR who have already purchased subscriptions to Cancer Research, Clinical 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 by 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 1998 may retain associate membership until December 31, 2002. The Board of Directors may terminate the membership of an associate member whose dues are in arrears for two years.

Margaret Foti, Ph.D.
Executive Director
APPLICATION FOR ASSOCIATE MEMBERSHIP

NAME OF CANDIDATE: _________________________________________
LAST FIRST M.I. DATE OF BIRTH: ________________________________

INSTITUTIONAL AFFILIATION: __________________________________

INSTITUTIONAL ADDRESS: ______________________________________

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

TELEPHONE NUMBER: ______________________ FAX NUMBER: _____________

E-MAIL ADDRESS: _____________________________________________

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 _ Virology _ Other: ____________________________

Experimental Therapeutics (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 print)

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. In addition, submit one copy of your curriculum vitae. Enclose a check in U.S. funds, made payable to AACR, Inc., and drawn on a U.S. bank for one year’s dues. For 1998, dues are $45 for associate members residing in the Americas and $55 for residents of other countries.

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, but the candidate will not be eligible to sponsor an abstract for presentation at the annual meeting in March or April of that year.) See Guidelines for Application on the reverse side of this form for further instructions.

* Nominator must be active, corresponding, emeritus, or honorary member of the AACR in good standing.

(This form may be reproduced.)

1997
Guidelines for Submitting Disks to American Association for Cancer Research Publications

The word processing packages that we prefer are as follows:

<table>
<thead>
<tr>
<th>MacWrite</th>
<th>WordPerfect (DOS, Windows, and Macintosh)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microsoft Word (DOS, Windows, and Macintosh)</td>
<td>XyWrite (DOS and Windows)</td>
</tr>
</tbody>
</table>

Also acceptable:

<table>
<thead>
<tr>
<th>Ability</th>
<th>Mass 11</th>
</tr>
</thead>
<tbody>
<tr>
<td>AmiPro</td>
<td>MS Works Write</td>
</tr>
<tr>
<td>A\text{s}\text{-}Te\text{x}</td>
<td>MS Works</td>
</tr>
<tr>
<td>Appleworks</td>
<td>MS Works WP Mac</td>
</tr>
<tr>
<td>Arbor\text{e}x</td>
<td>Multimate</td>
</tr>
<tr>
<td>Arbor\text{t}ext</td>
<td>Multimate Advantage</td>
</tr>
<tr>
<td>ClarisWorks WP</td>
<td>Nibus</td>
</tr>
<tr>
<td>CPT 8000</td>
<td>Nisus (to ASCII file)</td>
</tr>
<tr>
<td>CTOS</td>
<td>Notewriter</td>
</tr>
<tr>
<td>Diablo</td>
<td>Obun</td>
</tr>
<tr>
<td>DisplayWrite</td>
<td>OfficeWriter</td>
</tr>
<tr>
<td>Duet</td>
<td>PC Write</td>
</tr>
<tr>
<td>Einstein</td>
<td>PFS First Choice</td>
</tr>
<tr>
<td>Enable</td>
<td>Professional Write</td>
</tr>
<tr>
<td>EXP</td>
<td>Q&amp;A Write</td>
</tr>
<tr>
<td>Final Word</td>
<td>Quark XPress</td>
</tr>
<tr>
<td>FullWrite</td>
<td>RagTime MS Works</td>
</tr>
<tr>
<td>GemWord Plus</td>
<td>(to ASCII file)</td>
</tr>
<tr>
<td>IBM Writing Assistant</td>
<td>Rich Text Format</td>
</tr>
<tr>
<td>Interleaf</td>
<td>RSG (to ASCII file)</td>
</tr>
<tr>
<td>L\text{a}\text{t}e\text{x}</td>
<td>Signature</td>
</tr>
<tr>
<td>Latex</td>
<td>SL\text{T}e\text{X}</td>
</tr>
<tr>
<td>Leading Edge</td>
<td>SmartWhere</td>
</tr>
<tr>
<td>Lotus Manuscript</td>
<td>SmartWrite II</td>
</tr>
<tr>
<td>Lotus Write</td>
<td></td>
</tr>
</tbody>
</table>

Software packages that we are unable to translate:

<table>
<thead>
<tr>
<th>FrameMaker</th>
<th>Ready, Set, Go</th>
</tr>
</thead>
<tbody>
<tr>
<td>PageMaker</td>
<td>Scientific Writer</td>
</tr>
</tbody>
</table>

Disks produced on IBM or IBM-compatible computers are preferred, but those produced on some Apple or Wang computers can also be converted. 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.
<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>DECEMBER 12-16, 1997</td>
<td>DNA Methylation, Imprinting, and the Epigenetics of Cancer</td>
<td>Chairpersons: Peter A. Jones, Los Angeles, CA; Stephen B. Baylin, Baltimore, MD; Timothy H. Bestor, New York, NY. El Conquistador Resort and Country Club, Las Croabas, PR.</td>
</tr>
<tr>
<td>JANUARY 9-13, 1998</td>
<td>Molecular Mechanisms of Apoptosis Regulation</td>
<td>Chairpersons: John C. Reed, La Jolla, CA; Vishva M. Dixit, Ann Arbor, MI. Renaissance Esmeralda Resort, Indian Wells (Palm Springs), CA.</td>
</tr>
<tr>
<td>JANUARY 24-28, 1998</td>
<td>Angiogenesis and Cancer</td>
<td>Chairpersons: Judah Folkman, Boston, MA; Michael Klagsbrun, Boston, MA. Hyatt Orlando, Orlando, FL.</td>
</tr>
</tbody>
</table>

Abstract Deadline: October 28, 1997

| JUNE 14-18, 1998  | Proteases and Protease Inhibitors in Cancer                         | Co-Sponsored by the Danish Society for Pathology. Chairpersons: Keld Dano, Copenhagen, Denmark; Henri Rochefort, Montpellier, France; Lynn M. Matrisian, Nashville, TN; Nils Brunner, Copenhagen, Denmark. Nyborg Strand Conference Center, Nyborg, Denmark. |
| OCTOBER 14-18, 1998 | Gene Regulation and Cancer (10th Anniversary of the AACR Special Conferences) | Chairpersons: Phillip A. Sharp, Cambridge, MA, and Steven L. McKnight, Dallas, TX. The Homestead, Hot Springs, VA. |
| DECEMBER 2-6, 1998  | Basic and Clinical Aspects of Prostate Cancer                    | Chairpersons to be announced. Hyatt Grand Champions Resort, Indian Wells (Palm Springs), CA. AACR members will receive brochures on the above conferences as soon as they are available. Nonmembers should call or write:

American Association for Cancer Research
Public Ledger Building, Suite 826
150 South Independence Mall West
Philadelphia, PA 19106-3483
215-440-9300 • 215-440-9313 (FAX)
E-Mail: meetings@aacr.org
For regular updates to this list visit the AACR’s Website, http://www.aacr.org
PLENARY SESSION
Frontiers in Cancer Research (Frank J. Rauscher, III)

SYMPOSIA
Molecular Determinants of Cellular and Tumor Responses to Radiation (Michael B. Kastan)
Successes in Oncogene-based Drug Targeting: Selectivity and Specificity (Alex Matter)
Progress in Cancer Gene Therapy: New Concepts/Targets and Clinical Trial Reports (Jack A. Roth)
Reconstruction of Human Tumorigenesis and Progression: Cancer Genetics In Model Organisms
An Integrated Approach to Angiogenesis: Inducers and Inhibitors from the Bench to the Bedside (Rakesh K. Jain)
Wnt Signalling Pathways in Human Tumorigenesis: APC/Beta-Catenin/TCF-LEF (Paul Polakis)
Prostate Cancer: Basic Science and Clinical Aspects (Leland W.K. Chung)
The Molecular Basis of Immune Recognition: Basic Concepts with Therapeutic Implications
The bcl-2 Family: Regulation and Effectors (Stanley J. Korsmeyer)
Inherited Cancer Susceptibility Syndromes: Genetics, Genes, and Function
New Concepts in Chemotherapeutics: Basic Science and Clinical Trials (Susan Band Horwitz)
Cell Death Signalling Pathways: Caspase Cascades and Effectors/Initiators of Apoptosis
p73/p53: An Emerging Gene Family (William G. Kaelin)
Breast Cancer: Basic Science and Clinical Aspects (Sofia D. Merajver)
Tumor Physiology: Tumor-Stromal, Cell-Cell, and Microenvironment Interactions (Mina J. Bissell)
New Concepts in Genomic Damage in Cancer: Initiation and Progression
Gastrointestinal Cancer: Basic Science and Clinical Aspects
Tumor Virology: Molecular Biology and Etiology (Karl Münger)
Advances in Cancer Vaccine Development (Dorothee Herlyn)
Molecular Diversity-based Approaches to Anti-Cancer Drug Design (Jack Keene)
New Mechanisms of Action of Viral and Cellular Oncogenes (Elizabeth Moran)
Genetic Approaches to Diagnosis: The Impact of Molecular Medicine on Early Detection and Diagnosis (David Sidransky)
Tobacco and Lung Carcinogenesis: Genetics, Biology, and Etiology (Adi F. Gazzar)
Transcriptional Regulation of the Neoplastic Phenotype (Frank J. Rauscher, III)
Restoring Drug Sensitivity to Tumors: New Concepts from Tumor Biology and Physiology
Developmental Biology-based Approaches to Tumorigenesis: Genetic Control of Pattern Formation and Organogenesis
Molecular Targets and Endpoints for Chemoprevention (Waun Ki Hong)

CONTROVERSY SESSIONS
To Be Announced

"MEET-THE-EXPERT" SUNRISE SESSIONS
Cancer Genome Anatomy Project (CGAP): Update and Potential (Paul S. Meltzer)
Cell Adhesion: Integrin Signaling, Membrane to Nucleus
JAK-STATS: Dedicated Cytokine Signaling Pathways
Histone Acetylation and Chromatin Remodeling (Tony Kouzarides)
Molecular Genetics of Brain Tumors
Genetic Analysis of Tumor Suppression by COX-2 Inhibitors (Makoto M. Taketo)
Antisense-based Therapeutics: Basic and Clinical Studies (Thale Jarvis
Gene Transfer to Hematopoietic Progenitors (Fulvio Mavilio)
B-Cell Lymphomas: Genetics and Biology (Riccardo Dalla-Favera)
Hormonal Regulation of Cell Proliferation and Differentiation (Lorraine J. Gudas)
Cell Cycle Control (Giulio Draetta)
Proteases and Protease Inhibitors in Cancer
Inherited Cancers of the Kidney: Family Studies, Genes, Biochemistry (W. Marston Linehan)
Strategies for Combining Chemotherapy and Biotherapy (Antonio C. Buzaid)
New Concepts in Antimetabolites: Basic Science and Clinical Trials (Steven Grant)
IL-12: Biological and Clinical Developments (Giorgio Trinchieri)
Chemoprevention Trials: Progress and Promise (Scott M. Lippman)
Mechanisms of p53 Action
Nuclear Hormone Receptors in Development and Disease
Growth Factor Signaling: The IGF-1, IGF-2 System in Cancer (Haim Werner)
Genetics and Biology of Hematologic Malignancies (Pier Pellici)
Radiation Sensitization: Basic and Clinical Aspects (Theodore S. Lawrence)
Advances in Mechanisms of Drug Resistance: Basic Science and Clinical Implications (Susan E. Bates)
Immunotherapy and Costimulatory Molecules
Emerging Issues in Molecular Epidemiology (Barbara S. Hulka)
Enzymology of DNA Repair
Chromosomal Translocations: Genetics, Biology, and Protein Function
Advances in Mechanisms of Invasion and Metastasis (Isaiah J. Fidler)
Melanoma: Genetics and Biology of Multistep Progression (Meenhard Herlyn)
Biology and Genetics of Myelodysplastic Syndrome
Topoisomerases: Structure and Function
Progress in Antibody Therapy of Human Cancer (Nancy Hynes)
Psychosocial Aspects of Genetic Diagnosis (Caryn E. Lerman)
Animal Models for Chemoprevention (Michael N. Gould)

METHODS WORKSHOPS AND EDUCATIONAL SESSIONS
To Be Announced

Further Information: AARC Office, Public Ledger Building, Suite 826, 150 S. Independence Mall West, Philadelphia, PA 19106-3483. Telephone: (215) 440-9300. Fax: (215) 440-9313. Email: meetings@aacr.org. For up-to-date information visit the AACR website at http://www.aacr.org
**ADVANCE REGISTRATION FORM**

**AMERICAN ASSOCIATION FOR CANCER RESEARCH**

**89TH ANNUAL MEETING - NEW ORLEANS, LOUISIANA - March 28-April 1, 1998**

**Return to**

American Association for Cancer Research • Public Ledger Building, Suite 826
150 S. Independence Mall West • Philadelphia, PA 19106-3483 • FAX: 215-440-7228

**DEADLINES:**
- February 2, 1998 for reduced rates and to ensure receipt of meeting materials by mail in March
- February 23, 1998 for all registration by mail (Registration forms received after this date will not be accepted. Registration will be conducted at the Morial Convention Center in New Orleans from March 28-April 1, 1998.)
- March 20, 1998 to cancel registration and receive refund less cancellation fee of $35

(please print)

**NAME:**

<table>
<thead>
<tr>
<th>Last</th>
<th>First/Middle Initial</th>
<th>ACR Member Number</th>
</tr>
</thead>
</table>

**TITLE:**

**ADDRESS:**

Street, Building, or Post Office Box

<table>
<thead>
<tr>
<th>City</th>
<th>State or Province</th>
<th>Zip/Postal Code</th>
<th>Country (if not U.S.)</th>
</tr>
</thead>
</table>

**TELEPHONE NO.:**

**FAX NO.:**

**E-Mail:**

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

**WHAT IS YOUR PRIMARY FIELD OF RESEARCH? (Please check only one):**

- ☐ Biochemistry/Biophysics
- ☐ Carcinogenesis
- ☐ Cellular Biology and Genetics
- ☐ Clinical Investigations
- ☐ Endocrinology/Signal Transduction
- ☐ Epidemiology
- ☐ Experimental Therapeutics
- ☐ Immunology
- ☐ Molecular Biology and Genetics
- ☐ Prevention
- ☐ Radiobiology/Radiation Oncology
- ☐ Virology
- ☐ Other (please specify): ________________________________

**ARE YOU THE PRESENTER OF AN ABSTRACT SUBMITTED FOR THE 1998 ACR MEETING?**

- ☐ Yes
- ☐ No

**ON WHICH DAYS WILL YOU ATTEND THE 1998 ACR ANNUAL MEETING? (Check all that apply):**

- ☐ Saturday, March 28
- ☐ Sunday, March 29
- ☐ Monday, March 30
- ☐ Tuesday, March 31
- ☐ Wednesday, April 1

☐ Check this box if you are a high school or undergraduate student. This information will be used for the organization of a special educational event during the annual meeting for students interested in pursuing careers in science. The program, to be organized by the AACR Science Education Committee, will include presentations as well as a panel discussion by cancer experts. Further information will be sent to you under separate cover.

**PAYMENT OF REGISTRATION**

Fees may be paid by check or with a VISA, MasterCard, or American Express credit card. 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.

<table>
<thead>
<tr>
<th>Active/Corresponding Member Rate</th>
<th>Nonmember Rate</th>
<th>Emeritus Member Rate</th>
<th>Associate Member/Predoctoral Student Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>On or Before February 2</td>
<td>$160</td>
<td>$310</td>
<td>$ 55</td>
</tr>
<tr>
<td>After February 2</td>
<td>$200</td>
<td>$370</td>
<td>$55</td>
</tr>
<tr>
<td>(includes copy of AACR Proceedings)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
THE AMERICAN ASSOCIATION FOR CANCER RESEARCH (AACR) PRESENTS

Three Outstanding Training Opportunities
Supported by Major Grants from the National Cancer Institute
Primarily for Postdoctoral and Oncology Fellows

Waiver of Registration Fees and Subsidy of Lodging and Subsistence Expenses for Qualified Fellows

Molecular Biology in Clinical Oncology
A thorough overview of concepts in molecular biology designed for clinical oncologists in training

July 3-9, 1998, The Given Biomedical Institute, Aspen, CO
Michael B. Kastan, L. Michael Glodé, and Jennifer A. Pietenpol, Organizers

- Lectures by leading experts on molecular biology concepts and the latest developments in molecular oncology
- Small group laboratory sessions to demonstrate the important experimental techniques utilized in molecular biology
- Career development session and scheduled networking opportunities

Molecular Biology and Pathology of Neoplasia
(formerly entitled Histopathobiology of Neoplasia)
The Edward A. Smuckler Memorial Workshop

Intensive training in the molecular biology and morphology of human cancer for graduate students and postdoctoral fellows contemplating careers in basic cancer research

Frederick M. Waldman, Course Director

- Twenty-eight hours of hands-on laboratory exercises directed by distinguished pathologists
- An outstanding series of lectures on rapidly developing areas of cancer research by laboratory directors and other prominent investigators
- Poster presentations by students and faculty to facilitate further scientific exchange

Methods in Clinical Cancer Research
Co-Sponsored by the American Society of Clinical Oncology (ASCO)

The essentials of clinical trials design for researchers at the level of fellow or junior faculty

Daniel D. Von Hoff and Charles A. Coltman, Jr., Chairpersons

- A series of lectures by leaders in the field covering all elements of clinical trials design
- Small group discussion sessions on important techniques in clinical research
- Development of a clinical trial protocol by all participants with detailed critiques by faculty members
- Category I CME credits through ASCO

AACR members will receive brochures for all three workshops as soon as they are available. (The Clinical Methods Workshop brochure is also mailed to all ASCO members.) All others should submit requests to:

American Association for Cancer Research • Public Ledger Building, Suite 826 • 150 S. Independence Mall West
Philadelphia, PA 19106-3483 • Telephone: (215) 440-9300 • FAX: (215) 440-9313 • E-mail: meetings@aacr.org
Website: http://www.aacr.org