## **Instructions for Authors**

Cancer Epidemiology, Biomarkers & Prevention publishes original research on cancer causation and prevention in humans. The following topics are of special interest: descriptive, analytical, biochemical and molecular epidemiology; the use of biomarkers to study the neoplastic and preneoplastic processes in humans; chemoprevention and other types of prevention trials; and the role of behavioral factors in cancer etiology and prevention.

Particular attention will be given to the identification of factors associated with various aspects of the carcinogenic process, including genetic susceptibility, host factors, infectious agents, chemical and physical carcinogens, environmental contaminants, dietary components and behavioral factors such as tobacco use and sun exposure.

Besides welcoming manuscripts that address individual subjects in any of the three disciplines, the Editors encourage the submission of manuscripts with an interdisciplinary approach.

## Contents

- Original research articles
- Invited editorials
   Selected review articles
   AACR and ASPO news
- Short communications
- Letters to the editor
- Meeting reports

## Editorial Policy

When a manuscript is received for consideration, the Editors assume that no similar paper has been or will be submitted for publication elsewhere. Further, it is understood that all authors listed on a manuscript have agreed to its submission. Upon acceptance, authors must transfer copyright to the American Association for Cancer Research, transfer copyright to the American Association for Cancer Research, Inc., the publisher and copyright owner of the journal, prior to publication. Once an article is accepted for publication in Cancer Epidemiology, Biomarkers & Prevention, the information therein is embargoed from reporting by the media until the mail date of the issue in which the article appears. The Editors endorse the principles embodied in the Declaration of Helsinki and expect that all investigations involving humans will have been performed in accordance with these principles. A copy of the Declaration is available from the World Medical Association, Bôite Postale 63, 01212, Ferney-Voltaire Cedex, France.

Journal policy requires that authors, reviewers, and Associate Editors reveal to the Editor-in-Chief any relationships that they believe could be construed as causing a conflict of interest with regard to the manuscript submitted for review.

## Manuscript Submission

Mail manuscripts to Cancer Epidemiology, Biomarkers & Prevention, AACR Publications Department, Public Ledger Building, Suite 826, 150 South Independence Mall West, Philadephia, PA 19106-3483. Submit four original sets (not photocopies) of illustrations along with four copies of the manuscript. Illustrations will be returned to the author in the control of the con if the paper is not accepted for publication. If a manuscript is closely related to papers that are in press or have been submitted elsewhere, please provide copies of those papers with your submission. FAX transmission and overnight delivery service will be used to expedite review and publication.

## Publication Fees

A page charge of \$35 per printed page will be levied on all manuscripts accepted for publication. It is understood at the time of submission that the author(s) agree to pay this charge in the event of publication. Under exceptional circumstances, when no grant or other source of support exists, the author(s) may apply to Dr. Margaret Foti, Director of Publications, AACR Publications Department (see end of page for address) at the time of submission for a waiver of the page charges. All such applications must be countersigned by an appropriate institutional official stating that no funds are available for the payment of page charges.

## **Format**

Manuscripts must be written succinctly in clear, grammatical English. Define abbreviations in an inclusive footnote to the text. Double-space on  $8\ 1/2\ \times\ 11$ -inch paper. Dot-matrix printing is not acceptable. The format is as follows:

- 1. Title page, including title, authors, and affiliations;
- A running title of fewer than 50 characters;
- Text, arranged in this order: Abstract (not more than 250 words), Introduction, Materials and Methods, Results, Discussion, Acknowledgments, References;
- 4. Footnotes, on a page separate from the text. Designate footnotes consecutively with superscript Arabic numerals;
- Tables, on pages separate from the text, with descriptive titles and/or legends;
- Figure legends, on pages separate from the text. Define all symbols and include staining for halftones, where applicable.

### References

Include only those articles that have been published or are in press. Unpublished data or personal communications must be cited as footnotes to the text. Personal communications should be substantiated by a letter of permission.

Number references in the order of their first mention in the text. Cite only the number assigned to the reference. References must be double-

## Sample references:

- Fontham, E. T. H., Correa, P., Wu-Williams, A., Reynolds, P., Greenberg, R. S., Buffler, P. A., Chen, V. W., Boyd, P., Alterman, T., Austin, D. F., Liff, J., and Greenberg, S. D. Lung cancer in nonsmoking women: A multicenter case-control study. Cancer Epidemiol., Biomarkers & Prev., 1: 35-43, 1991.
- 2. Reznikoff, C. A., Swaminathan, S., and Verma, A. K. Cultured normal human uroepithelial cells: a new system for *in vitro* carcinogenesis studies. *In*: M. Webber and L. Sikeley (eds.), *In Vitro* Models for Cancer Research, pp. 63–101. Boca Raton, FL: CRC Press, 1986.

### Illustrations

Provide four original sets of illustrations (whether line-cut drawings or halftones). Label each figure in pencil on the reverse side with the first author's name, figure number, and an arrow indicating top of figure. Letters and numbers on illustrations should not be smaller than 6-point Letters and numbers on illustrations should not be smaller than 6-point or larger than 12-point type. All illustrations will be published at a width of approximately 3 inches (8 cm) unless the author requests a greater width. Use tissue overlays to indicate important areas of the photographs that must be reproduced with the greatest fidelity. Authors are encouraged to submit color figures. The expense of reproducing color photographs must be offset partially by the author. The cost of color reproduction charged to authors is \$975 per color figures. Submit color illustrations on flavible backing.

figure. Submit color illustrations on flexible backing.

## **Proofs**

Page proofs must be returned to the office of the American Association Cancer Research within 24 hours of receipt. Return proofs by overnight mail. *Proofs not received by the deadline will be published without the authors' corrections.* Accepted manuscripts are regarded as final copy and should not be altered substantially in proof. Extensive alterations could cause publication delays, and authors will be charged for excessive changes in proof.

## Typesetting Manuscripts from Computer Disks

Cancer Epidemiology, Biomarkers & Prevention requests the submission of disks to expedite production of accepted manuscripts. If your article is accepted for publication, you will receive instructions regarding disk submission and a form which must be completed and returned with your disk to the AACR Publications Department within 48 hours of notification of acceptance. It is the author's responsibility to ensure that the material on the disk matches the final accepted version of the manuscript.

## For More Information, Contact:

Publications Department, American Association for Cancer Research, Public Ledger Building, 150 South Independence Mall West, Suite 826, Philadelphia, PA 19106-3483. Telephone: (215)440-9300; FAX: (215)440-9355.

## AMERICAN ASSOCIATION FOR CANCER RESEARCH



## 1998 RESEARCH FELLOWSHIPS

## For Young Scientists at the Postdoctoral or Clinical Fellow Level

- 1998-1999 Research Fellowship in Basic Research: This Fellowship, sponsored by the AACR, will provide a two-year grant of \$30,000 per year to a young scientist in North, Central, or South America engaged in meritorious basic cancer research.
- 1998-1999 Research Fellowship in Clinical/Translational Research: This Fellowship, sponsored by Amgen, Inc., will provide a two-year grant of \$30,000 per year to a young scientist in North, Central, or South America engaged in meritorious clinical or translational cancer research.
- 1998-1999 Research Fellowship in Clinical Research: This Fellowship, sponsored by Bristol-Myers Squibb Oncology, will provide a two-year grant of \$30,000 per year to a young scientist in North, Central, or South America engaged in meritorious clinical cancer research.
- 1998-1999 Research Fellowship in Prevention Research: This Fellowship, sponsored by the Cancer Research Foundation of America, will provide a two-year grant of \$30,000 per year to a young scientist in North, Central, or South America engaged in meritorious cancer prevention research.
- 1998 Research Fellowships in Basic Research: Two Fellowships, sponsored by The Sidney Kimmel Foundation for Cancer Research and Hoechst Marion Roussel, will each provide a one-year grant of \$30,000 to a young scientist in North, Central, or South America engaged in meritorious basic cancer research.

## **Eligibility/Selection Process**

Candidates must have completed the M.D., Ph.D., or other doctoral degree. Candidates must currently be a postdoctoral or clinical research fellow and must have been a fellow for at least two years but not more than five years prior to the year of the award. Academic faculty holding the rank of assistant professor or higher, graduate or medical students, medical residents, permanent government employees, employees of private industry, and individuals who will receive fellowships from similar programs during the award year are not eligible. A candidate need not be a member of the AACR at the time of application, but he or she must be nominated by an AACR Member, and non-members must submit an acceptable application for membership with the fellowship application. Associate Members may not be nominators. Applications will receive careful scientific evaluation by a prestigious, multidisciplinary Committee consisting of AACR Members who are experts in basic, clinical, and translational cancer research. Applications must be submitted in complete form by January 15, 1998.

## For Further Information/Application Forms AMERICAN ASSOCIATION FOR CANCER RESEARCH

Public Ledger Building, Suite 826 150 South Independence Mall West Philadelphia, PA 19106-3483 Telephone: (215) 440-9300 • FAX: (215) 440-9372

E-mail: horst@aacr.org

This space contributed as a public service.

## A CARROT HELPS MORE THAN JUST YOUR EYESIGHT.

A carrot is rich in vitamins A and C, has zero fat, is a good source of fiber, and can help you fight cancer. For more information on fruits and vegetables that can do the same, call 1-800-ACS-2345.



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1. Publication Title	2 Publication No	3 Filing Date
Cancer Epidemiology, Biomarkers, & Prevention 4. Issue Frequency	1 0 5 5 9 9 6 5 No of Issues Published	5 10/2/97 6 Annual Subscription Price
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15 Extent and Nature of Circulation	Average No. Copies Each Issue During Preceding 12 Months	Actual No. Copies of Single Issue Published Nearest to Filing Date
a Total No Copies (Net Press Run)	2252	1939
Paid and/or Requested Circulation     (1) Sales Through Dealers and Carners. Street Vendors, and Counter Sales (Not Mailed)	none	none
(2) Paid or Requested Mail Subscriptions (Include Advertisers: Proof Copies/Exchange Copies)	1410	1432
c Total Paid and/or Requested Circulation (Sum of 15b(1) and 15b(2))	1410	1432
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e Free Distribution Outside the Mail (Carners or Other Means)	none	none
1 Total Free Distribution (Sum of 15d and 15e)	8	11
g Total Distribution (Sum of 15c and 15f)	1418	1443
h Copies Not Distributed (1) Office Use, Leftovers, Spoiled	834	496
(2) Return from News Agents	попе	none
i Total (Sum of 15g, 15h(1), and 15h(2))	2252	1939
Percent Paid and/or Requested Circulation (15c / 15g x 100)	99%	992
16 This Statement of Ownership will be printed in the November 1997 iss	sue of this publication	if not required to publish
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## AACR SPECIAL CONFERENCE IN CANCER RESEARCH

## Molecular Mechanisms of Apoptosis Regulation



January 9-13, 1998 Renaissance Esmeralda Resort Indian Wells (Palm Springs), CA

## CONFERENCE CO-CHAIRPERSONS

John C. Reed / La Jolla, CA Vishva M. Dixit / S. San Francisco, CA

## PROGRAM COMMITTEE

**Douglas R. Green /** La Jolla, CA **Hermann Steller /** Cambridge, MA

Guido Kroemer / Villejuif, France David L. Vaux / Melbourne, Australia

## **CONFERENCE PROGRAM**

## **Cell Death Receptors**

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Peter H. Krammer / Heidelberg, Germany
Jurg Tschopp / Lausanne, Switzerland
Dale Bredesen / La Jolla, CA

## **Cell Death Proteases**

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## **Bcl-2 Family Proteins: Mechanisms of Action**

Yoshihide Tsujimoto / Osaka, Japan Stanley J. Korsmeyer / St. Louis, MO Robin Brown / London, England John C. Reed / La Jolla, CA Andreas Strasser / Melbourne, Australia

## Mitochondria, Cytochrome C, and Cell Death

Guido Kroemer / Villejuif, France Xiaodong Wang / Dallas, TX Douglas R. Green / La Jolla, CA

## Stress Responses and Cell Death Control

Richard N. Kolesnick / New York, NY Yusuf A. Hannun / Durham, NC Eileen P. White / Piscataway, NJ Michael E. Greenberg / Boston, MA

## Genetics of Cell Death Regulation: New Insights into the Cell Death Pathway

Hermann Steller / Cambridge, MA
Michael O. Hengartner / Cold Spring Harbor, NY
John M. Abrams / Dallas, TX

## **IAP Family Proteins**

David L. Vaux / Melbourne, Australia Alex Mackenzie / Ottawa, Ontario, Canada Lois K. Miller / Athens, GA

## **Information and Application Forms:**

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: aacr@aacr.org Website: http://www.aacr.org

## AMERICAN ASSOCIATION FOR CANCER RESEARCH

## GUIDELINES FOR APPLICATION FOR ACTIVE AND CORRESPONDING MEMBERSHIP

## **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;
- subscriptions to the Association's high-quality journals Cancer Research, Clinical Cancer Research, Cell Growth & Differentiation, and Cancer Epidemiology, Biomarkers & Prevention at reduced member
- 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;
- 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;
- 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:

March

November

July

Receipt of Application in AACR Office Notification of Candidate January 1 May 1 September 1

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.
- 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 SUP-PORT" (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 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

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**

## AMERICAN ASSOCIATION FOR CANCER RESEARCH, INC.

Public Ledger Building · Suite 826 · 150 S. Independence Mall West · Philadelphia, PA 19106-3483

## APPLICATION FOR ACTIVE OR CORRESPONDING MEMBERSHIP

NAME OF CANDIDATE:				DATE OF BIRTH:	
I	AST	FIRST	M.I.	Month/Day/Year	
PRESENT POSITION/TITLE:					
INSTITUTIONAL AFFILIATION	N:				
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PRIMARY FIELD OF RESEAR	CH (Please check	only one).			
Biochemistry and Biophys		Biostatistics	Carcino	ganasis	
Cellular Biology and Gene		Clinical Investi			
Epidemiology		Immunology		ar Biology and Genetics	
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STATEMENT OF SUPPORT					
Instead of submitting letters of re	commendation, eit	her the nominator	or the seconder or both may com	plete the following section:	
I acknowledge by signing this state	ement of support th	nat this candidate a	dheres to accepted ethical scientific	c 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.

<sup>\*</sup>Both nominator and seconder must be active, corresponding, emeritus, or honorary members of the AACR in good standing.

## AMERICAN ASSOCIATION FOR CANCER RESEARCH



## GUIDELINES FOR APPLICATION FOR ASSOCIATE MEMBERSHIP

## QUALIFICATIONS FOR MEMBERSHIP

Associate membership is open to graduate students, medical students, postdoctoral fellows, and physicians in training who 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:

- the privilege of sponsoring a proffered paper (abstract) for consideration for 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.);
- 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;
- 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;
- the privilege of registering for the annual meeting at the low associate member rate:
- 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;
- the opportunity to stand for election to the Associate Member Council:
- 7. preferred access to the AACR Employment Register;
- 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;
- 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
- 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

## AMERICAN ASSOCIATION FOR CANCER RESEARCH, INC.

Public Ledger Building · Suite 826 · 150 S. Independence Mall West · Philadelphia, PA 19106-3483

## APPLICATION FOR ASSOCIATE MEMBERSHIP NAME OF CANDIDATE:\_ DATE OF BIRTH: LAST **FIRST** M.I. Month/Day/Year INSTITUTIONAL AFFILIATION:\_\_\_ INSTITUTIONAL ADDRESS:\_\_\_ (State/Province) (Postal Code) (City) (Country) TELEPHONE NUMBER:\_\_\_ FAX NUMBER:\_\_\_ E-MAIL ADDRESS:\_ PRESENT ACADEMIC STATUS/TITLE (Please check only one): \_Graduate Student \_Medical Student \_\_Postdoctoral Fellow ☐ Female \_Physician in Training PRIMARY FIELD OF RESEARCH (Please check only one): \_\_\_\_Biostatistics Biochemistry and Biophysics \_Carcinogenesis \_Cellular Biology and Genetics \_\_Clinical Investigations \_Endocrinology Molecular Biology and Genetics \_Epidemiology \_Immunology 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:\_ 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

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

instructions.

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

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## Cancer Epidemiology Biomarkers & Prevention

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November 1997 Volume Six

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Pages 861-984

ISSN 1055-9965



An Official Journal of the American Association for Cancer Research Cosponsored by the American Society of Preventive Oncology

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