Instructions for Authors

Scope
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, environmental agents, and physical carcinogenic, 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, 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, Bôle Postale 63, 01212, Feryn-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, Philadelphia, 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 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 $50 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 × 11-inch paper. Dot-matrix printing is not acceptable. The format is as follows:

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.

Sample references:

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 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 figure. Submit color illustrations on flexible backing.

Proofs
Page proofs must be returned to the office of the American Association for 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.
BENEFITS OF MEMBERSHIP

The American Association for Cancer Research (AACR), a scientific society of over 13,500 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 13,500 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>
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<tr>
<th>Receipt of Application in AACR Office</th>
<th>Notification of Candidate</th>
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<tr>
<td>January 1</td>
<td>March</td>
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<td>May 1</td>
<td>July</td>
</tr>
<tr>
<td>September 1</td>
<td>November</td>
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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 ($100 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: ____________________________  DATE OF BIRTH: ____________-

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
- Experimental Therapeutics
- Other: ____________________________ (Please specify)

ACADEMIC DEGREES (Including where and when granted)

__________________________________________________________________________

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

__________________________________________________________________________

__________________________________________________________________________

__________________________________________________________________________

PUBLICATIONS (Reprints of two 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*: ____________________________ 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.
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 (AACC), 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 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 consigns 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. the privilege of registering for the annual meeting at the low associate member rate;
4. 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;
5. the opportunity to stand for election to the Associate Member Council;
6. preferred access to the AACR Employment Register;
7. priority notification of events in the AACR’s series of special conferences on timely subjects in the field;
8. substantially reduced registration rates at special conferences;
9. the receipt of AACR newsletters, meeting announcements, and an up-to-date Membership Directory;
10. the opportunity to participate in three Summer Workshops that foster knowledge in the cancer field for young investigators; and
11. 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 $55 for associate members residing in the Americas and $65 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 $55 per year for residents of the Americas and $65 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 November 1998 for the forthcoming annual meeting must have paid dues for 1998. 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:**

**Institutional Affiliation:**

**Institutional Address:**

<table>
<thead>
<tr>
<th>City</th>
<th>State/Province</th>
<th>Country</th>
<th>Postal Code</th>
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</table>

**Telephone Number:**

**Fax Number:**

**E-mail Address:**

**Present Academic Status/Title**

- [ ] Graduate Student
- [ ] Medical Student
- [ ] Physician in Training
- [ ] Postdoctoral Fellow

**Primary Field of Research**

- [ ] Biochemistry and Biophysics
- [ ] Cellular Biology and Genetics
- [ ] Epidemiology
- [ ] Preclinical Pharmacology and Experimental Therapeutics
- [ ] Biostatistics
- [ ] Clinical Investigations
- [ ] Immunology
- [ ] Virology
- [ ] Other:

**Academic Degrees**

Provide information on degree(s) acquired to date along with the name of the academic institution and date of receipt. Provide the anticipated date of completion of this degree program.

**Relevant Research Experience Not Related to Course Work**

**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**

**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 $55 for associate members residing in the Americas and $65 for residents of other countries.

Check one of the following boxes only if this form is being submitted between September 1 and December 31:

- [ ] Current
- [ ] Forthcoming

*(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.)
Guidelines for Submitting Disks to American Association for Cancer Research Publications

The word processing packages that we prefer are as follows:

MacWrite  WordPerfect (DOS, Windows, and Macintosh)
Microsoft Word (DOS, Windows, and Macintosh)  XyWrite (DOS and Windows)

Also acceptable:

<table>
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<tr>
<th>Software Package</th>
<th>Ability</th>
<th>Mass 11</th>
<th>SoloWriter</th>
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<td>AmiPro</td>
<td>MS Windows Write</td>
<td>Sprint</td>
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<td></td>
<td>A LaTeX S-TeX</td>
<td>MS Works</td>
<td>Stx</td>
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<td>Appleworks</td>
<td>MS Works WP Mac</td>
<td>SunWrite</td>
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<td></td>
<td>ArborTeX</td>
<td>Multimate</td>
<td>Symphony</td>
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<td>ArborText</td>
<td>Multimate Advantage</td>
<td>TEX</td>
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<td></td>
<td>ClarisWorks WP</td>
<td>Nibia</td>
<td>TeX78</td>
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<td></td>
<td>CPT 8000</td>
<td>Nisus (to ASCII file)</td>
<td>Text EXecutive</td>
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<td>CTOS</td>
<td>Notewriter</td>
<td>Textures</td>
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<td>Diabolo</td>
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<td>Total Word</td>
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<td>DisplayWrite</td>
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<td>PC Write</td>
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<td>Einstein</td>
<td>PFS First Choice</td>
<td>Volkswriter</td>
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<td>Enable</td>
<td>Professional Write</td>
<td>VuWriter</td>
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<td>EXP</td>
<td>Q&amp;A Write</td>
<td>Wang OIS</td>
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<td>Final Word</td>
<td>Quark XPress</td>
<td>Wang WPS</td>
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<td></td>
<td>FullWrite</td>
<td>RagTime MS Works</td>
<td>Wang Writer</td>
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<td></td>
<td>GemWord Plus</td>
<td>(to ASCII file)</td>
<td>Window Works</td>
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<td></td>
<td>IBM Writing Assistant</td>
<td>Rich Text Format</td>
<td>Windows Write</td>
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<td>Interleaf</td>
<td>RSG (to ASCII file)</td>
<td>WiziWord</td>
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<td>LaTeX</td>
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<td>Leading Edge</td>
<td>SmartWhere</td>
<td>WriteNow</td>
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<td>Lotus Manuscript</td>
<td>SmartWrite II</td>
<td>Xerox</td>
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<td>Lotus Write</td>
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Software packages that we are unable to translate:

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<th>Software Package</th>
<th>FrameMaker</th>
<th>PageMaker</th>
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<td></td>
<td>Ready, Set, Go</td>
<td>Scientific Writer</td>
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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.
The AACR-Pezcoller International Award for Cancer Research is given annually to a scientist who has made a major scientific discovery in the field of cancer, who continues to be active in the field, and whose ongoing work holds promise for future contributions to cancer research. The Pezcoller Foundation was established in 1982 by Professor Alessio Pezcoller, a dedicated Italian surgeon who has made important contributions to medicine during his career and who, through his foresight, vision, and generous gift in support of the formation of the Foundation, stimulated others to make significant advances in cancer research. Over the past decade the Pezcoller Foundation has given a major award for outstanding contributions to cancer and cancer-related biomedical science.

The American Association for Cancer Research (AACR) was founded in 1907 by eleven physicians and scientists dedicated to the conquest of cancer and now has nearly 14,000 members in more than 60 countries who are experts in basic, clinical, and translational cancer research. The mission of the AACR is to foster cancer research; this is accomplished in part through outstanding scientific publications, meetings, and training and educational programs. Because of the commitment of the Foundation and the AACR to scientific excellence in cancer research, these two organizations are collaborating annually on the presentation of the AACR-Pezcoller Award. This jointly sponsored award will strengthen international collaborations and will be a catalyst for advancements in cancer research internationally. The awardee will be selected by an international committee of AACR members appointed by the AACR President along with the agreement of the Council of the Pezcoller Foundation. While normally the Award will be presented to a single investigator, in exceptional cases two individuals may be selected to share the award when their investigations have resulted in related prizeworthy work. The committee will make its selection solely on the basis of the awardee's scientific accomplishments without regard to race, gender, nationality, or religious or political views. The candidate will give an award lecture during the AACR Annual Meeting in Philadelphia, USA (April 10-14, 1999) and will receive the award in an official ceremony at the Foundation's headquarters in Trento, Italy, after the annual meeting. The award consists of an honorarium of US$75,000 and a commemorative plaque.

The Pezcoller Foundation and the AACR are now soliciting nominations for the 1999 Award. Nominations can be made by any scientist who is now or has been affiliated with an institution engaged in cancer research. Institutions or organizations are not eligible for this award, and candidates may not nominate themselves.

There is no official application form for this award. The nomination package should consist of the following:

- the candidate's curriculum vitae and full list of published works
- an indication of the candidate's most important publications
- a letter of recommendation in English (500 words, maximum) explaining why the candidate is deserving of this prestigious Award. This letter should summarize the candidate's major scientific achievements, indicate which of the candidate's publications best describe these achievements, and explain the impact of these achievements on progress in cancer research.

Nominators are asked to maintain the confidentiality of the nomination process and to refrain from informing the candidate about the nomination.

The deadline for receipt of nominations for the 1999 Award is October 1, 1998. Questions about the nomination process should be directed to the AACR via FAX at (215) 440-9322 or E-mail at aacr@aacr.org. Nominations should be submitted to the AACR. Please forward the original nomination letter plus 15 copies of the letter and any accompanying materials to:

Peter K. Vogt, Ph.D., Chairperson, Selection Committee
AACR-Pezcoller International Award for Cancer Research
c/o American Association for Cancer Research
Public Ledger Building, Suite 826
150 S. Independence Mall West
Philadelphia, PA 19106-3483
USA
AMERICAN ASSOCIATION FOR CANCER RESEARCH SCIENTIFIC CONFERENCES

SEPTEMBER 24-28, 1998
Cellular Targets of Viral Carcinogenesis
Chairpersons: Thea D. Tlsty, San Francisco, CA; Eileen P. White, Piscataway, NJ; Don Ganem, San Francisco, CA; and Carol Prives, New York, NY
Marriott's Laguna Cliffs Resort, Dana Point, CA

OCTOBER 14-18, 1998
Gene Regulation and Cancer (10th Anniversary of the AACR Special Conferences)
Chairpersons: Phillip A. Sharp, Cambridge, MA; Jacqueline A. Lees; Cambridge, MA; and Steven L. McKnight, Dallas, TX
The Homestead, Hot Springs, VA

NOVEMBER 11-15, 1998
Endogenous Sources of Mutations
Chairpersons: Lawrence J. Marnett, Nashville, TN; James A. Swenberg, Chapel Hill, NC; and Tomas Lindahl, Herts, England
Sanibel Harbour Resort and Spa, Ft. Myers, FL

DECEMBER 2-6, 1998
New Research Approaches to the Prevention and Cure of Prostate Cancer
Chairpersons: Jonathan W. Simons, Baltimore, MD, and Kenneth J. Pienta, Ann Arbor, MI
Hyatt Grand Champions Resort, Indian Wells (Palm Springs), CA

JANUARY 31-FEBRUARY 5, 1999
Cancer Biology and the Mutant Mouse: New Methods, New Models, New Insights
Chairpersons: Tyler Jacks, Cambridge, MA, and Ronald A. DePinho, New York, NY
Keystone Resort, Keystone, CO

MARCH 4-8, 1999
Molecular Determinants of Sensitivity to Antitumor Agents
Chairpersons: Michael B. Kastan, Baltimore, MD, and I. David Goldman, Bronx, NY
Whistler Resort and Conference Centre, Whistler, British Columbia, Canada

APRIL 10-14, 1999
90th Annual Meeting
Chairperson: Waun Ki Hong, Houston, TX;
Co-Chairpersons: Carol W. Greider, Cold Spring Harbor, NY; Leroy F. Liu, Piscataway, NJ; and Joseph F. Fraumeni, Jr., Bethesda, MD
Pennsylvania Convention Center, Philadelphia, PA
Abstract Deadline: November 6, 1998

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
Short Communications

Design and Baseline Characteristics of Study Participants in the Wheat Bran Fiber Trial
María Elena Martínez, Mary E. Reid, José Guillén-Rodríguez, James R. Marshall, Richard Sampliner, Mikel Aickin, Cheryl Ritenbaugh, Barbara van Leeuwen, Nancy Mason-Liddil, Anna Giuliano, Perla A. Vargas, and David S. Alberts

4-Hydroxy-1-(3-pyridyl)-1-butane-Hemoglobin Adducts as Biomarkers of Exposure to Tobacco Smoke: Validation of a Method to Be Used in Multicenter Studies
Sunday E. Atawodi, Suzanne Lea, Fredrik Nyberg, Anush Mukeria, Vali Constantinescu, Wolfgang Ahrens, Irene Brueske-Hohlfeld, Cristina Fortes, Paolo Boffetta, and Marlin D. Friesen

Cytochrome P450 1A1 MspI Polymorphism and Urinary 1-Hydroxypyrene Concentrations in Coke-Oven Workers
Ming-Tsang Wu, Song-Lih Huang, Chi-Kung Ho, Ya-Fan Yeh, and David C. Christiani

Childbearing and the Risk of Hodgkin’s Disease
Mats Lambe, Chung-cheng Hsieh, Shirng-wern Tsaih, Johanna Adami, Bengt Glimelius, and Hans-Olov Adami

Birthplace and Yield of Nipple Aspirate Fluid in Chinese Women
Nicholas L. Petrakis, Marion M. Lee, Margaret R. Wiensch, Virginia L. Ernster, Rei Miike, Linda C. Koo, and John C. Ho

Erratum
Q. Wei et al., 7: 309–314. 1998

AACR Bulletin Board

ASPO Bulletin Board

Instructions for Authors
Cancer Epidemiology
Biomarkers & Prevention

AACR American Cancer Society Award Lecture
The Past, Present, and Future of the Prevention of Lung Cancer
Ernst L. Wynder

Research Articles

Risk of Esophageal and Gastric Adenocarcinomas in Relation to Use of Calcium Channel Blockers, Asthma Drugs, and Other Medications that Promote Gastroesophageal Reflux

Effects of Milk and Milk Products on Rectal Mucosal Cell Proliferation in Humans
Margaret R. Karagas, Tor D. Tosteson, E. Robert Greenberg, Richard I. Rothstein, Bill D. Roebuck, Marcia Herrin, and Dennis Ahnen

Aromatic DNA Adducts in Human White Blood Cells and Skin after Dermal Application of Coal Tar

Urinary Total Isothiocyanate (ITC) in a Population-based Sample of Middle-Aged and Older Chinese in Singapore: Relationship with Dietary Total ITC and Glutathione S-Transferase M1/T1/B1 Genotypes
Adeline Seow, Chen-Yang Shi, Fung-Lung Chung, Ding Jiao, Jean H. Hankin, Hin-Pong Lee, Gerhard A. Coetzee, and Mimi C. Yu

Menstrual Factors in Relation to Breast Cancer Risk
Linda Titus-Ernstoff, Matthew P. Longnecker, Polly A. Newcomb, Bradley Dain, E. Robert Greenberg, Robert Mittendorf, Meir Stampfer, and Walter Willett

Serological Detection of Heat Shock Protein hsp27 in Normal and Breast Cancer Patients
Mariel A. Fanelli, F. Dario Cuello Carrión, Judith Dekker, Joop Schoemaker, and Daniel R. Ciocca

Farm and Animal Exposures and Pediatric Brain Tumors: Results from the United States West Coast Childhood Brain Tumor Study
Elizabeth A. Holly, Paige M. Bracci, Beth A. Mueller, and Susan Preston-Martin

Quality Control Program for Storage of Biologically Banked Blood Specimens in the Malmö Diet and Cancer Study
Ronald W. Pero, Anders Olsson, Carl Bryngelsson, Sivert Carlsson, Lars Janzon, Göran Berglund, and Sölve Elmståhl

Feasibility and Quality of Biological Banking of Human Normal and Tumor Tissue Specimens as Sources of DNA for the Malmö Diet and Cancer Study

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