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, 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

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. 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 American Medical Association, 535 North Dearborn Street, Chicago, IL 60610.

Manuscript Submission
Mail manuscripts directly to Dr. Pelayo Correa, Editor-in-Chief. 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. The publisher welcomes disks to expedite production of accepted manuscripts. If your paper is accepted for publication, you will receive instructions and a form for disk submission. Hard copy of the manuscript must accompany your disk. FAX transmission and overnight delivery service will be used to expedite review and publication.

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 x 11-inch paper. Dot-matrix printing is not acceptable. The format is as follows:
1. Title page, including title, authors, and affiliations;
2. A running title of fewer than 50 characters;
3. 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;
5. Tables, on pages separate from the text, with descriptive titles and/or legends;
6. 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-spaced.

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 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.

The complete expense of reproducing color photographs will be charged to the author. Submit color illustrations on flexible backing.

Proofs
Page proofs must be returned to the office of the American Association for Cancer Research within 48 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, except for correction of printer's errors.

For More Information, Contact:
Dr. Pelayo Correa, Editor-in-Chief, CEBP, Department of Pathology, Louisiana State University Medical Center, 1901 Perdido Street, New Orleans, LA 70112-1393. Telephones: (504)529-2848; (504)568-6035; FAX: (504)529-2849.

Or:
<table>
<thead>
<tr>
<th>Date</th>
<th>Conference Theme</th>
<th>Chairpersons</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEPTEMBER 23-26, 1992</td>
<td>Molecular and Biochemical Methods in Cancer Epidemiology and Prevention</td>
<td>David Schottenfeld, Ann Arbor, MI</td>
<td>The Registry Resort, Naples, FL</td>
</tr>
<tr>
<td>OCTOBER 18-22, 1992</td>
<td>Normal and Neoplastic Growth and Development</td>
<td>Arnold J. Levine, Princeton, NJ</td>
<td>Chatham Bars Inn, Chatham (Cape Cod), MA</td>
</tr>
<tr>
<td>NOVEMBER 4-8, 1992</td>
<td>Genetics of Cancer</td>
<td>Webster K. Cavenee, San Diego, CA; Raymond L. White, Salt Lake City, UT</td>
<td>Marriott Hilton Head Resort, Hilton Head, SC</td>
</tr>
<tr>
<td>DECEMBER 7-12, 1992</td>
<td>Chemicals, Mutations, and Cancer</td>
<td>Lawrence A. Loeb, Seattle, WA</td>
<td>Banff Springs Hotel, Banff, Alberta, Canada</td>
</tr>
<tr>
<td>FEBRUARY 1-6, 1993</td>
<td>Oncogenes and Tumor Suppressor Genes in Cancer Etiology and Mammalian Development</td>
<td>Carlo M. Croce, Philadelphia, PA</td>
<td>Big Sky Resort, Big Sky, MT</td>
</tr>
<tr>
<td>MARCH 15-20, 1993</td>
<td>Mechanism of Action of Retinoids, Vitamin D, and Steroid Hormones</td>
<td>Michael B. Sporn, Bethesda, MD; Ronald M. Evans, San Diego, CA; David Mangelsdorf, San Diego, CA</td>
<td>Banff Centre, Banff, Alberta, Canada</td>
</tr>
<tr>
<td>APRIL 13-17, 1993</td>
<td>Model Systems in Cancer Research</td>
<td>Leland H. Hartwell, Seattle, WA; Peter K. Vogt, Los Angeles, CA; George F. Vande Woude, Frederick, MD</td>
<td>San Luis Hotel, Galveston, TX</td>
</tr>
<tr>
<td>MAY 19-22, 1993</td>
<td>84th Annual Meeting</td>
<td>Michael B. Sporn, Bethesda, MD</td>
<td>Orange County Convention Center, Orlando, FL</td>
</tr>
<tr>
<td>NOVEMBER 7-11, 1993</td>
<td>Tumor Immunology: Basic and Clinical Aspects</td>
<td>Ralph A. Reisfeld, San Diego, CA</td>
<td>Grove Park Inn, Asheville, NC</td>
</tr>
<tr>
<td>JANUARY 31-FEBRUARY 5, 1994</td>
<td>Molecular Genetics of Progression and Metastasis</td>
<td>Lance A. Liotta, Bethesda, MD</td>
<td>Big Sky Resort, Big Sky, MT</td>
</tr>
</tbody>
</table>

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

American Association for Cancer Research
Public Ledger Building
620 Chestnut Street, Suite 816
Philadelphia, PA 19106-3483
215-440-9300 • 215-440-9313 (FAX)
CANCER PREVENTION FELLOWSHIP PROGRAM

The Division of Cancer Prevention and Control (DCPC) is accepting applications for the Cancer Prevention Fellowship Program (CPFP). The purpose of this program is to train individuals from a multiplicity of health science disciplines in the field of cancer prevention and control. The program provides for: Master of Public Health training (at accredited universities); Participation in the DCPC Cancer Prevention and Control Academic Summer Course; Working at NCI directly with individual preceptors on cancer prevention and control projects; Field assignments in cancer prevention and control programs at other institutions. Funding permitting, as many as ten Fellows will be accepted for up to three years of training, beginning July 1, 1993. Benefits include selected relocation and travel expenses, paid federal holidays, and participatory health insurance.

ELIGIBILITY

M.D. or D.D.S. from a U.S., territorial, or Canadian Medical School. Foreign medical graduates must have current ECFMG/FMGEMS certification and appropriate experience, e.g., one year residency in a training program approved by the Accreditation Council for Graduate Medical Education.

OR

Ph.D., Dr. P.H. or other doctoral degree in a related discipline (epidemiology, biostatistics, and the biomedical, nutritional, public health or behavioral sciences). Foreign education must be comparable to that received in accredited U.S., territorial, or Canadian institutions.

PLUS

U.S. citizenship or resident alien eligible for citizenship within four years.

For details and application catalog, send a postcard or letter with your name and home address to:

Douglas L. Weed, M.D., M.P.H., Ph.D.
Director
Cancer Prevention Fellowship Program
Division of Cancer Prevention and Control
Deadline for Receipt of Applications:
September 1, 1992

Further Inquiries: Mrs. Barbara Redding, (301) 496-8640

NATIONAL CANCER INSTITUTE
Executive Plaza South, T-41, Bethesda, MD 20892
NIH is an Equal Opportunity Employer

Minding our P’s & Q’s is a high priority at Williams & Wilkins

People and Quality are the P’s and Q’s. Williams & Wilkins represents. We put the two together because we believe the people who are important to us—our valued, longstanding subscribers— deserve the best quality products and services we can provide.

For customer service, call TOLL FREE: 1-800-638-6423
(from anywhere in the U.S. or Canada)
Or write:
Subscription Fulfillment
Department
Williams & Wilkins
428 East Preston Street
Baltimore, MD 21202-3993

INFORMATION FOR SUBSCRIBERS*

☐ CHANGE OF ADDRESS. Please notify us eight weeks in advance. Send us your mailing label or your account number, along with your new address, and the date the change of address is to take effect.

☐ GIFT SUBSCRIPTIONS. Do you have a friend or colleague who shares your professional interests? Give him or her a gift subscription to your journal. For assistance with your order, contact Customer Service, using our toll-free number (1-800-638-6423).

☐ RENEWALS. To ensure uninterrupted service, please renew your subscription two months prior to the expiration date of your current subscription. Current rates are available for up to three years.

☐ CLAIMS OR CANCELLATIONS. Claims for missing or damaged issues are honored for three months after the mailing date of the issue. If, for any reason, you are not satisfied with your subscription, you may cancel and receive a full refund on all unmailed issues.

To order back issues, bound volumes, reprints of journal articles, microfilm, microfiche, CD-ROM: Call or write Williams & Wilkins, 428 East Preston Street, Baltimore, MD 21202-3993. Toll-free number: 1-800-638-6423.

* Members of the American Association for Cancer Research should direct all subscription inquiries and changes of address to: Member Services, AACR, Public Ledger Bldg., Suite 816, 620 Chestnut St., Phila., PA 19106-3483.
AAPR SPECIAL CONFERENCE IN CANCER RESEARCH

Genetics of Cancer

November 4-8, 1992
Marriott Hilton Head Resort, Hilton Head, South Carolina

Supported by a Generous Grant from the General Motors Cancer Research Foundation

CONFERENCE CO-CHAIRPERSONS
Webster K. Cavenee / La Jolla, CA
Raymond L. White / Salt Lake City, UT

SCIENTIFIC PROGRAM

Keynote Address
Robert A. Weinberg / Cambridge, MA

Inherited Cancer Genes
Bruce A.J. Ponder / Cambridge, England
Raymond L. White / Salt Lake City, UT
Frank McCormick / Emeryville, CA
Arnold J. Levine / Princeton, NJ
Webster K. Cavenee / La Jolla, CA

Genetic Mechanisms
Carmen Sapienza / La Jolla, CA
Carlo M. Croce / Philadelphia, PA
Neal G. Copeland / Frederick, MD

Molecular Genetics of Mitosis
George F. Vande Woude / Frederick, MD
Carol Greider / Cold Spring Harbor, NY
Andrew Murray / San Francisco, CA
David Beach / Cold Spring Harbor, NY
Erich A. Nigg / Lausanne, Switzerland

Genetic Instability
Geoffrey Wahl / San Diego, CA
C. Thomas Caskey / Houston, TX
Walton Fangman / Seattle, WA

Genetics and Cell Commitment
Stuart A. Aaronsen / Bethesda, MD
Mariano Barbacid / Princeton, NJ
M. Geoffrey Rosenfeld / La Jolla, CA
David Anderson / Pasadena, CA
Leo Sachs / Rehovot, Israel

Animal Models
Mario Capecchi / Salt Lake City, UT
Douglas Hanahan / San Francisco, CA
Erwin Wagner / Vienna, Austria

Programmed Cell Death
Stanley J. Korsmeyer / St. Louis, MO
H. Robert Horvitz / Cambridge, MA
John T. Isaacs / Baltimore, MD
Peter Kramer / Heidelberg, Germany

Information and Application Forms
American Association for Cancer Research
Public Ledger Building
620 Chestnut Street, Suite 816
Philadelphia, PA 19106-3483

215-440-9300  215-440-9313 (FAX)

Application Deadline: August 10, 1992
AMERICAN ASSOCIATION FOR CANCER RESEARCH

INFORMATION ON APPLICATION FOR ACTIVE AND CORRESPONDING MEMBERSHIP

BENEFITS OF MEMBERSHIP

The American Association for Cancer Research (AACC) is a scientific society consisting of laboratory and clinical cancer researchers. It was founded in 1907 “to bring together active investigators of the cancer problem for presentation and discussion of new or significant observations; and to foster research in cancer and other phenomena of growth.” Members of the AACC enjoy the following benefits:

1. subscriptions to the journals Cancer Research, Cell Growth & Differentiation, and Cancer Epidemiology, Biomarkers & Prevention at the reduced member rate;
2. the privilege of sponsoring an abstract for presentation at the AACC annual meeting;
3. an advance copy of the Program and Proceedings pertaining to each annual meeting;
4. a reduced registration rate at all scientific meetings;
5. early notification of events in the AACC’s series of special conferences;
6. subscriptions to any future AACC journals at reduced member rates;
7. reduced rates for the AACC Employment Register;
8. the benefit of AACC’s public education activities;
9. the receipt of AACC newsletters, meeting announcements, and an up-to-date membership directory.

QUALIFICATIONS FOR MEMBERSHIP

Active membership in the AACC is open to investigators who live in the Americas, and who have conducted two years of meritorious research that has resulted in publications relevant to cancer. If a candidate is working in a research area not directly related to the cancer field but has conducted research of exceptional scientific merit, he or she may also qualify for membership. Corresponding membership is open to qualified persons who are not residents of the Americas. The requirements for corresponding membership are the same as those for active membership. Visiting scientists from outside the Americas who intend to return to their countries of origin soon after submitting their applications should apply for corresponding membership. All other individuals should apply for active membership and transfer to corresponding status at a later date if they should leave the Americas.

PROCEDURES FOR APPLICATION

There are three deadlines for receipt of a membership application: March 1, July 1, and October 1 of each year. The Membership Committee will review all complete applications for active membership that have been received by these deadlines and will submit recommendations on each candidate to the Board of Directors which formally elects all members. The same procedure is followed by the Special Memberships Committee which receives applications for corresponding membership. Candidates will be notified according to the following schedule:

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

A complete application consists of the following material:

1. 6 copies of the form on the opposite side of this page, with all requested information provided.
2. 5 copies of the candidate’s most current curriculum vitae and bibliography.
3. 5 copies of a letter of recommendation from a nominator who is an active, emeritus, or honorary member of the AACC (at least one copy must be a signed, original letter). This letter should describe the candidate’s achievements in laboratory research, clinical investigations, or epidemiological research, and it should affirm that this research adheres to accepted ethical standards.—OR—The nominator may supply the responses requested at the bottom of the application form in the section entitled “STATEMENT OF SUPPORT” (at least one copy of the form must be the signed original).
4. 5 copies of a letter of recommendation as described in Item 3 above from a secondor who is an active, emeritus, or honorary member of the AACC (at least one copy must be a signed, original letter).—OR—The secondor 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. All material should be collated into five complete sets with the original application form as a covering document and sent to the address given below. Questions regarding procedures for membership application may also be directed to the following address:

American Association for Cancer Research
Public Ledger Building
620 Chestnut St.
Suite 816
Philadelphia, PA 19106-3483
215/440-9300

RESPONSIBILITIES OF MEMBERSHIP

Candidates should be aware of the following responsibilities of membership in the AACC. Active members must pay annual dues, a major portion of which is designated for a subscription to at least one of the AACC’s publications. Newly elected members of the AACC who have already purchased subscriptions to Cancer Research, Cell Growth & Differentiation, or Cancer Epidemiology, Biomarkers & Prevention at the higher, nonmember rate will receive reimbursement of the unused portion of those subscriptions once their first year’s membership dues are paid in full.

All corresponding members elected after May 23, 1985, are required to pay an annual assessment in lieu of dues. This assessment, which is equivalent to that portion of the regular dues that pertains to support of activities other than publications, is imposed to defray the cost of sending AACC publications to members outside the Americas. Corresponding members may, if they wish, subscribe to Cancer Research, Cell Growth & Differentiation, or Cancer Epidemiology, Biomarkers & Prevention at the reduced member rate.

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

Margaret Foti
Executive Director
AMERICAN ASSOCIATION FOR CANCER RESEARCH, INC.
Public Ledger Building
620 Chestnut St.
Suite 816
Philadelphia, PA 19106-3483

APPLICATION FOR MEMBERSHIP

CATEGORY OF MEMBERSHIP: □ Active □ Corresponding

NAME OF CANDIDATE: ______________________ DATE OF BIRTH: ______________________

PRESENT POSITION/TITLE: ______________________

INSTITUTIONAL AFFILIATION: ______________________

INSTITUTIONAL ADDRESS:

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

TELEPHONE NUMBER: ______________________ FAX NUMBER: ______________________

PRIMARY FIELD OF RESEARCH (Please check only one):

[ ] Biochemistry and Biophysics [ ] Biostatistics [ ] Carcinogenesis
[ ] Cellular Biology and Genetics [ ] Clinical Investigations [ ] Endocrinology
[ ] Epidemiology [ ] Immunology [ ] Molecular Biology and Genetics
[ ] Preclinical Pharmacology and Experimental Therapeutics [ ] Virology [ ] Other: ______________________ (Please specify)

ACADEMIC DEGREES (Including where and when granted)

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

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

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

PUBLICATIONS (Reprints of two articles on which the candidate appears as an author must accompany this application. For these two articles list the authors, title, journal, volume, inclusive pages, and year. Do not submit abstracts.)

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

CANDIDATE NOMINATED BY: ______________________ (Please type or print) CANDIDATE SECONDED BY: ______________________ (Please type or print)

STATEMENT OF SUPPORT (in place of letters of recommendation)

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

How long has the candidate worked in the field of cancer research? ___ years

Will the candidate make a long-term contribution to cancer research? ___ Yes ___ No

Does the candidate’s research adhere to accepted ethical standards? ___ Yes ___ No

I therefore recommend this candidate for membership in the American Association for Cancer Research.

Signature of nominator* ______________________ Date ______________________

Signature of seconder* ______________________ Date ______________________

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

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

Associate membership is open to graduate students, medical students, postdoctoral fellows, and physicians in training who live in the Americas and who are following a course of study or who are working in a research program relevant to cancer.

BENEFITS OF MEMBERSHIP

The American Association for Cancer Research (AACR), a scientific society consisting of laboratory and clinical cancer researchers, was founded in 1907 "to bring together active investigators of the cancer problem for presentation and discussion of new or significant observations; and to foster research in cancer and other phenomena of growth." Associate members of the AACR enjoy the following benefits:

1. the privilege of sponsoring an abstract for presentation at the AACR annual meeting provided that (a) the associate member is the presenter of the abstract and (b) an active member in good standing of the AACR also signs the abstract in support of the work (in this instance, the active member who cosigns the abstract does not lose his or her own sponsorship privilege);
2. an advance copy of the Program and (if one has been purchased by the associate member) the Proceedings of the American Association for Cancer Research which contains abstracts of all papers being presented at each annual meeting;
3. the privilege of registering for the annual meeting at the low student rate (This rate is otherwise available only to predoctoral students.);
4. preferred access to the AACR Employment Register;
5. optional subscriptions to the journals Cancer Research, Cell Growth & Differentiation, and Cancer Epidemiology, Biomarkers & Prevention at the reduced member rate;
6. subscriptions to any future AACR journals at reduced member rates;
7. early notification of events in the AACR’s new series of small scientific meetings on timely scientific topics;
8. the receipt of AACR newsletters, meeting announcements, and an up-to-date membership directory; and
9. the facilitation of informal scientific exchange with leading researchers in the cancer field.

PROCEDURES FOR APPLICATION

Persons wishing to apply for associate membership must use the official application form on the reverse side of these instructions. Each candidate for associate membership must be nominated by an active member in good standing of the AACR. Three completed copies of the form should be submitted; at least one of these copies must carry the original signatures of both the candidate and the active member nominator. The application form may be submitted to the Association Office at any time.

After review of applications for associate membership, the Executive Director will notify candidates of their election or deferral within one month of the receipt of the application form. A check in the amount of $20, which represents one year’s dues payment, must accompany the application. This fee will be refunded to any candidate deemed to be ineligible for associate membership. Checks should be in U.S. currency, made payable to AACR, Inc., and drawn on a U.S. bank. Send the three copies of the application form and the $20 dues payment to:

American Association for Cancer Research
Public Ledger Building
620 Chestnut St.
Suite 816
Philadelphia, PA 19106-3483
215/440-9300

RESPONSIBILITIES OF MEMBERSHIP

Associate members must pay annual dues in an amount to be determined by the AACR Board of Directors. Dues for 1992 have been set at $20 per year. If an application is submitted by August 31, the accompanying dues payment will be credited to the current year. Candidates submitting applications between September 1 and December 31 may indicate whether they wish their dues payments credited to the current or forthcoming year. Candidates should be aware, however, that associate members may sponsor an abstract for the annual meeting only if their dues for the current year are paid. For example, an associate member submitting an abstract in December 1991 for the forthcoming annual meeting must have paid dues for 1991. Any newly elected associate members of the AACR who have already purchased subscriptions to Cancer Research, Cell Growth & Differentiation, Cancer Epidemiology, Biomarkers & Prevention at the higher, nonmember rate will receive a refund for the unused portion of that subscription upon receipt of their payment for a member’s subscription.

Each Fall the AACR will send to current associate members an invoice for dues for the forthcoming year. Payment of this invoice must be accompanied by a statement signed by the associate member’s current registrar, dean, or department head, verifying the member’s current academic status. The Association’s by-laws state that dues are payable for each year in advance on or before January 1 of the year to which they should be applied. An individual may be an associate member for a maximum of five years. Each year in which an individual pays dues will count as one full year of associate membership. Thus, an associate member who pays dues for 1991 may retain associate membership until December 31, 1995. The Board of Directors may terminate the membership of an associate member whose dues are in arrears for two years.

Margaret Foti,
Executive Director
APPLICATION FOR ASSOCIATE MEMBERSHIP

NAME OF CANDIDATE: ___________________________   DATE OF BIRTH: ____________

INSTITUTIONAL AFFILIATION: ___________________________ ___________________________

INSTITUTIONAL ADDRESS: __________________________________________________________

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

TELEPHONE NUMBER: ___________________________

FAX NUMBER: ___________________________

PRESENT ACADEMIC STATUS/TITLE (Please check only one):

____ Graduate Student   ____ Medical Student

____ Physician in Training   ____ Postdoctoral Fellow

PRIMARY FIELD OF RESEARCH (Please check only one):

____ Biochemistry and Biophysics   ____ Biostatistics  ____ Carcinogenesis

____ Cellular Biology and Genetics   ____ Clinical Investigations  ____ Endocrinology

____ Epidemiology   ____ Immunology  ____ Molecular Biology and Genetics

____ Preclinical Pharmacology and Experimental Therapeutics

____ Virology   ____ Other: ___________________________

(Please specify)

ACADEMIC DEGREES (Please indicate degree(s) acquired to date along with the name of the academic institution and date of receipt. Provide information on degree currently being sought and the anticipated date of completion of this degree program.)

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________

_________________________________________________________________________________
Cancer Epidemiology
Biomarkers
& Prevention

Continued

Meeting Report

Sixteenth Annual Meeting of the American Society of Preventive Oncology
Elizabeth T. H. Fontham and Vivien W. Chen

Letter to the Editor


AACR Bulletin Board

ASPO Bulletin Board

Instructions for Authors
Cancer Epidemiology
Biomarkers
& Prevention

Research Articles

Epidemiology of Bronchioloalveolar Carcinoma

Environmental Risk Factors for Nasopharyngeal Carcinoma: A Case-Control Study in Northeastern Thailand
Supannee Snaporn, Vanchai Vatanasap, Paola Pisani, Sararat Yongchayudha, and Vichai Rungkataramsi

Active and Passive Cigarette Smoke Exposure and Cervical Intraepithelial Neoplasia
Ann L. Coker, Alison J. Rosenberg, Margaret F. McCann, and Barbara S. Hulka

Sources of Variability in Normal CA 125 Levels
Carolyn Westhoff, Bruce Levin, Gillian Ladd, and John O'Connor

Linear versus Nonlinear Models for Hemoglobin Adduct Formation by Acrylamide and Its Metabolite Glycidamide: Implications for Risk Estimation
Carl Johan Calleman, Louis G. Stern, Emma Bergmark, and Lucio G. Costa

Significant Endogenous Synthesis of Nitrate Does Not Appear to Be a Feature of Influenza A Virus Infection
David Forman, Stephen Leach, Philip Packer, Gwyneth Davey, and Julia Heptonstall

Simultaneous Liquid Chromatographic Determination of Carotenoids, Retinoids, and Tocopherols in Human Buccal Mucosal Cells
Yeh-Shin Peng and Yen-Mei Peng

Quantitation of Human Uptake of the Anticarcinogen Phenethyl Isothiocyanate after a Watercress Meal
F. L. Chung, M. A. Morse, K. J. Eklind, and J. Lewis

Thyroid Hormones and Duration of Ovulatory Activity in the Etiology of Breast Cancer
Alfredo Morabia, Movses Szollosi, Walter Stewart, Leonard Schuman, David B. Thomas, and Howard A. Zacur

Serum Epoxide Hydrolase (Preneoplastic Antigen) in Human and Experimental Liver Injury

Effect of Chemopreventive Agents on Intermediate Biomarkers during Different Stages of Azoxymethane-induced Colon Carcinogenesis
Jagveer Singh, Gary Kellott, and Bandaru S. Reddy

Feasibility of a Telephone Survey to Recruit Health Maintenance Organization Members into a Tamoxifen Chemoprevention Trial
Mary Daly, Janet Seay, Andrew Balshem, Carvin Lerman, and Paul Engstrom

Continued on Inside Back Cover