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# 85th Annual Meeting of the AMERICAN ASSOCIATION FOR CANCER RESEARCH

April 10-13, 1994 San Francisco, CA

*An Outstanding Scientific Program That Integrates the Most Recent Findings in Basic and Clinical Cancer Research*

## SCIENTIFIC SESSIONS

**Sat. Afternoon  
April 9**  
**Methods Workshop: Confocal Microscopy and Quantitative Image Analysis.** James P. Slattery, Stephen J. Lockett, Curtis T. Thompson, D.R. Sandison

**Methods Workshop: Quantitative Genotyping and Phenotyping Using Flow Cytometry and Fluorescence in Situ Hybridization.** Fredrika M. Robertson, Joe W. Gray, Steven Sherwood, Dan Pinkel

**Sun. Morning  
April 10**  
**Plenary Session: The Biological and Clinical Roles of Genetic Markers** - Karen S. H. Antman, Leland H. Hartwell, Thea D. Tlsty, Eric J. Stanbridge, Ilan R. Kirsch, Stephen H. Friend

**G. H. A. Clowes Memorial Award Lecture** - Mary-Claire King

**Sun. Afternoon  
April 10**  
**Symposium: Recent Advances in Environmental Carcinogenesis** - Kenneth Olden, Paul Kleihues, J. Carl Barrett, Frederica Perera, Curtis C. Harris

**Symposium: Cellular Signaling** - Joseph Schlessinger, Arthur Weiss, Axel Ullrich, Tony Hunter

**Symposium: AIDS-related Malignancies** - Alexandra M. Levine, Samuel Broder, Barbara Ensoft, Susan E. Krown, Gianluca Guidano

**Symposium: Solid Tumor Physiology and Therapeutic Approaches** - Beverly A. Teicher, Peter W. Vaupel, Rakesh K. Jain, Chang W. Song, Robert Auerbach

**Symposium: Conducting Cancer Research among Minority Populations in the United States** - Jose Russo, G. Marie Swanson, Alicia E. Alvarez, Lucille Adams-Campbell, Mary B. Daly, Manuel R. Modiano, Electra D. Paskett, Edward E. Partridge

**Presidential Address** - Margaret L. Kripke

**Symposium: Survival and Success in Cancer Research: Toward the Year 2000** - Sandra L. White, John Alderete, Neil J. Clendeninn, Michele K. Evans, Clifton A. Podyry, Eugene Cota-Robles, Nicholas J. Kenney, Carol Wood Moore, Ricardo J. Parker

**Mon. Morning  
April 11**  
**Symposium: Hematological Malignancies: Biology and Therapy** - Riccardo Dalla-Favera, A. Thomas Look, Michael Cleary, Pier-Giuseppe Pelicci, James Ihle

**Symposium: New Approaches to Cancer Immunotherapy** - Olivera J. Finn, Graeme J. Dougherty, David A. Berd, Pramod K. Srivastava, Philip E. Thorpe, Robert Chesnut

**Symposium: Retinoids and Cancer** - Lorraine J. Gudax, Keiko Ozato, Joseph F. Grippo, David R. Parkinson, Christine Chomienne

**Symposium: Transcriptional Control of Cell Proliferation and Differentiation** - Robert N. Eisenman, Inder M. Verma, Michael Levine, Helen Blau

**Controversy Session: Fat and Breast Cancer: Can an Intervention Trial Resolve the Issue?** - Laurence N. Kolonel, Ross C. Prentice, Walter C. Willett

**American Cancer Society Award Lecture** - Brian E. Henderson

**Mon. Afternoon  
April 11**  
**Symposium: Programmed Cell Death** - Stanley J. Korsmeyer, Eileen White, Junying Yuan, Laurie Owen-Schaub, Tyler Jacks

**Symposium: New Strategies for Immunological Intervention** - Hans Schreiber, You Hui Zhang, Michael P. Bevilacqua, Giorgio Trinchieri, Joseph Ilan, Lee M. Nadler

**Symposium: Diet and Cancer: The Role of Protective Factors** - Walter C. Willett, John D. Potter, Geoffrey Howe, Michael B. Sporn, William J. Blot

**Symposium: Basic and Clinical Aspects of Prostate Cancer** - Donald S. Coffey, Norman Greenberg, J. S. Rhim, Robert E. Bookstein, Jonathan W. Simons, William G. Nelson, Kenneth J. Pienta

**Controversy Session: Is Multidrug Resistance an Important Factor in Therapeutic Outcome?** - William T. Beck, William S. Dalton, Peter J. Houghton, Branimir I. Sikic, S. B. Kaye, Helen S. L. Chan, Igor B. Roninson

**Business Meeting**

**Tues. Morning  
April 12**  
**Symposium: Basic Science Approaches to Breast Cancer** - Mina J. Bissell, Adrian L. Harris, Suzanne A. W. Fuqua, Helene S. Smith, Ray L. White

**Symposium: Genetic Basis for Tumor Cell Sensitivity to Radiation** - John B. Little, Albert J. Fornace, Jr., Barbara A. Osborne, Eitel Moustacchi, Michael Christman

**Symposium: Intermediate Endpoints in Cancer Prevention** - Gary J. Kelloff, Charles W. Boone, Michael Wargovich, Reuben Lotan, David Sidransky

**Symposium: Pharmacogenetics: Role of Drug Metabolism Polymorphisms in Cancer Chemotherapy** - Frank J. Gonzalez, William E. Evans, Richard Weinshilboum, Robert B. Diasio, Mark J. Ratain

**Controversy Session: Is Bone Marrow Transplantation Indicated for Adult Acute Leukemia in First Remission?** - Clara D. Bloomfield, Thomas Buchner, Stephen J. Forman

**Richard and Hinda Rosenthal Foundation Award Lecture** - Marc E. Lippman

**Tues. Afternoon  
April 12**  
**Symposium: Potential Applications of Advances in Cell and Molecular Biology to New Therapies for Lung Cancer** - John D. Minna, Gail L. Shaw, Adi F. Gazdar, Paul A. Bunn, Jr., David P. Carbone, Jack A. Roth

**Symposium: Genomic Imprinting and Its Role in Cancer** - Andrew P. Feinberg, Uta Francke, Carmen Sapienza, M. Azim Surani, Benjamin Tycko

**Symposium: Novel Strategies in Chemical Prevention of Cancer** - Paul Talalay, Herrman Adlercreutz, Brian Ketterer, Stephen S. Hecht, Thomas W. Kensler

**Symposium: Mechanisms and Circumvention of Drug Resistance** - Barton A. Kamen, Mark Meuth, Grant R. Wilkinson, Stanton L. Gerson, Roger G. Deeley

**C. P. Rhoads Memorial Award Lecture** - Igor B. Roninson

**Wed. Morning  
April 13**  
**Symposium: Tumor Suppressor Genes and Cell Cycle Control** - Michael B. Kastan, David Beach, Ira Herskowitz, James M. Roberts, Jean Y.J. Wang

**Symposium: Hormonal Carcinogenesis: Epidemiological and Mechanistic Studies** - Barbara S. Hulka, Joachim G. Liehr, Herrman Adlercreutz, George M. Stancel, Kathryn B. Horwitz, Pentti K. Sileri

**Symposium: Topoisomerase I Inhibitors: Molecules to Medicine** - Randall K. Johnson, Mary-Ann Bjornsti, Sidney M. Hecht, Hirofumi Nakano, Robert P. Hertzberg, Eric K. Rowinsky

**Bruce M. Cain Award Lecture** - Mansukh C. Wani and Monroe E. Wall

**Wed. Afternoon  
April 13**  
**Symposium: Integration of Cytokines and Radiation: Biological Basis and Preliminary Clinical Trials** - Zvi Fuks, Ralph R. Weichselbaum, Joost J. Oppenheim, Timothy J. Kinsella, Randy L. Jirtle

**Symposium: Cell Adhesion in Invasion and Metastasis** - David A. Cheresh, Kenneth Yamada, Richard Assoian, Zena Werb, Ajit Varki

Minisymposia, poster discussion sessions, and regular poster sessions will be organized from over 3,800 submitted papers in all areas of cancer research.

## SESSIONS OF PROFFERED PAPERS

### FEES

GENERAL INFORMATION	
Member Registration	\$125*
Nonmember Registration (includes Proceedings)	\$245*
Predoctoral Student and Associate Member Registration	\$60*
Proceedings of the AACR	\$35

\*Discounts applied for registrations received before February 18, 1994.

### Employment Register:

<b>Candidates:</b>	
AACR Members	\$10
Nonmembers	\$25
<b>Employers:</b>	
AACR Members	\$75
Nonmembers	\$125
Commercial Firms	\$275*

\*\$225 for firms in AACR Exhibit Show

## PUBLICATIONS

The *Proceedings of the American Association for Cancer Research* contains abstracts of all papers accepted for presentation by the Program Committee and extended abstracts of symposium presentations and special lectures. The *Proceedings* is received by all members with paid-up subscriptions to AACR journals, or it may be purchased at the time of registration for \$35.

The *Program of the Annual Meeting of the American Association for Cancer Research* is included in the registration fee.

Detailed listings of available positions and prospective candidates will be available for consultation during the Annual Meeting and will be published in the *Proceedings* and in three issues of the Association's journal *Cancer Research*. Interviews will be scheduled in San Francisco.

## EMPLOYMENT REGISTER

Displays by over 100 firms offering the most up-to-date products, services, and publications for both basic and clinical cancer researchers.

## EXHIBIT SHOW

**Upjohn, Ciba-Geigy, and Bristol-Myers Oncology Awards**  
For presenters of meritorious abstracts as selected by the Program Committee. No formal application necessary. Predoctoral students, postdoctoral fellows, and physicians in training are eligible.

## TRAVEL AWARDS FOR YOUNG INVESTIGATORS

**Comprehensive Minority Biomedical Program of the National Cancer Institute**  
For predoctoral students, postdoctoral fellows, or physicians in training in the U.S. and Canada from minority groups that have been traditionally underrepresented in cancer research.

## WICR SESSIONS

**Women in Cancer Research** will organize several sessions during the meeting that will be of interest to all registrants.

## DEADLINES

**Advance Registration** (includes advance mailing of Program and Proceedings) February 18, 1994

**Hotel Reservations** March 7, 1994

## AIR TRAVEL

Special fares available on **Delta Air Lines** and **United Airlines** through **Uniglobe Travel**, 800-243-4370 (from U.S. and Canada only) or 215-628-3322 (FAX).

## CAR RENTAL

**Hertz Rent a Car** 800-654-2240 Account Number 3353

## INFORMATION AND FORMS

American Association for Cancer Research  
Public Ledger Building  
620 Chestnut Street, Suite 816  
Philadelphia, PA 19106-3483  
215-440-9300  
FAX: 215-440-9313

# The American Association for Cancer Research Presents

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## Molecular Biology in Clinical Oncology: A Workshop

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An intensive, one-week summer workshop on molecular biology designed for clinical oncologists in training or in their early academic careers.

July 1-7, 1994  
The Given Institute  
Aspen, Colorado

### ORGANIZERS

STEPHEN H. FRIEND  
Massachusetts General Hospital  
Charlestown, MA

L. MICHAEL GLODÉ  
University of Colorado School  
of Medicine  
Denver, CO

- Lectures by leading experts on molecular biology concepts and the latest developments in molecular oncology such as gene therapy, oncogenes and growth factors, tumor suppressor genes, fusion proteins, genetic mutations, antisense, metastasis, and drug resistance.
- Small group laboratory sessions to demonstrate the important experimental techniques utilized in molecular biology.
- A workshop syllabus containing relevant published papers, references to key articles in the literature, and details on important laboratory procedures.
- Financial support for participants who are physicians in training or oncology fellows.
- Category I CME credits through the University of Colorado School of Medicine.

### Faculty

#### Lectures

STEPHEN H. FRIEND/ Charlestown, MA  
MICHAEL B. KASTAN/ Baltimore, MD  
ANDRÉ BERNARDS/ Charlestown, MA  
HAROLD L. MOSES/ Nashville, TN  
TYLER JACKS/ Cambridge, MA  
ROBERT EISENMAN/ Seattle, WA

A. THOMAS LOOK/ Memphis, TN  
MASAAKI TERADA/ Tokyo, Japan  
ALLEN I. OLIFF/ West Point, PA  
NADIA ROSENTHAL/ Charlestown, MA  
ERIC R. FEARON/ Baltimore, MD  
L. MICHAEL GLODÉ/ Denver, CO

PATRICIA S. STEEG/ Bethesda, MD  
MARC E. LIPPMAN/ Washington, DC  
JOHN R. MURPHY/ Boston, MA  
JACQUELINE LEES/ Charlestown, MA

Additional Speakers to be Announced

#### Laboratory Rotations

MARK S. BOGUSKI/ Bethesda, MD. "Computer Searching in Molecular Biology."  
GAIL HARRISON and L. MICHAEL GLODÉ/ Denver, CO. "Polymerase Chain Reaction Technology."  
JAMES P. HOEFFLER/ Denver, CO. "Transfer of Nucleic Acids and Proteins."  
CORI M. GORMAN/ San Carlos, CA. "Gene Expression Systems."  
LEILE GARCIA/ Denver, CO. "Practical Cytogenetics."

**Application Deadline April 5, 1994**



For further information, contact

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

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# THE FIFTH CONFERENCE ON RADIOIMMUNODETECTION AND RADIOIMMUNOTHERAPY OF CANCER

Princeton Marriott Forrestal Village  
Princeton, New Jersey

October 6-8, 1994

*Conference Chairmen:* David M. Goldenberg, Sc.D., M.D.  
Jeffrey Schlom, Ph.D.

## Session Chairpersons:

D. J. Buchsbaum, Birmingham, AL  
D. M. Goldenberg, Newark, NJ  
S. J. Knox, Palo Alto, CA  
C. F. Meares, Davis, CA  
M. A. Tempero, Omaha, NE

G. L. DeNardo, Sacramento, CA  
D. J. Hnatowich, Worcester, MA  
S. M. Larson, New York, NY  
J. Schlom, Bethesda, MD  
B. W. Wessels, Washington, DC

Abstracts of proffered papers and posters on *radiochemistry of antibodies, radiation physics and dosimetry of radiolabeled antibodies, radiation biology, experimental targeting studies, clinical studies of radioimmunodetection and other diseases, experimental and clinical radioimmunotherapy, and new approaches to improved antibodies and targeting* are invited.

## Abstract Deadline: June 1, 1994

For abstract forms and further information contact: Lois Gillespie, Center for Molecular Medicine and Immunology, One Bruce Street, Newark, NJ 07103; Telephone (201)982-4600  
Fax: (201)982-7047

## University of Minnesota Cancer Center Director

The University of Minnesota invites applications or nominations for the position of tenured Professor/Associate Professor and Cancer Center Director. The Director of the Cancer Center must have an established national or international reputation of excellence in interdisciplinary oncology research. This individual will also have the demonstrated experience and organizational skills necessary to fulfill the Center's mission of initiating, participating in, supporting and evaluating multidisciplinary basic and clinical cancer research, education and treatment. Essential academic preparation and experience include an M.D. degree and a strong oncology research record as evidenced by publications and grants. The qualifications for the rank of Professor with tenure must include national distinction in the field and demonstrated leadership in administration, research, and teaching. The qualifications for the rank of Associate Professor with tenure must include professional distinction in research and writing and demonstrated effectiveness in teaching and advising. Faculty appointment will be in the appropriate Medical School department.

Responsibilities include: management of the Center budget which facilitates operations, academic appointments, and delineates clinical, research and educational activities; use of Cancer Center facilities, including laboratory and office space within the Masonic Cancer Research Building; approval of all membership appointments for the Cancer Center; serve as liaison to the National Cancer Institute, other national and regional cancer organizations, academic centers and health care organizations; maintain an academic and, as appropriate, a UMHC staff appointment and undertake research activities consistent with the direction of the Center's research; and participation in Cancer Center development efforts.

The Director reports to the Dean of the Medical School and confers with the Cancer Center Advisory Committee. Additionally, the Director interacts with the President of the University of Minnesota Health System regarding clinical affairs in cancer.

The deadline receipt of applications/nominations is May 13, 1994. Starting date is negotiable. Interested applicants should send a copy of their curriculum vitae to:

Dr. Seymour H. Levitt  
Chair, Cancer Center Search Committee  
University of Minnesota Medical School  
Box 293 UMHC  
420 Delaware Street S.E.  
Minneapolis, MN 55455-0392

*The University of Minnesota is an equal opportunity educator and employer.*



# AMERICAN ASSOCIATION FOR CANCER RESEARCH

## GUIDELINES FOR APPLICATION FOR ACTIVE AND CORRESPONDING MEMBERSHIP

### BENEFITS OF MEMBERSHIP

The American Association for Cancer Research (AACR), a scientific society 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 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. subscriptions to all of the Association's high-quality journals, *Cancer Research*, *Cell Growth & Differentiation*, and *Cancer Epidemiology, Biomarkers & Prevention*, at reduced member rates;
2. the privilege of sponsoring a paper for presentation at the AACR annual meeting;
3. an advance copy of the scientific Program and the *Proceedings of the American Association for Cancer Research* for each annual meeting;
4. reduced registration rates at all scientific meetings;
5. priority notification of events in the AACR's outstanding series of special conferences on timely subjects in the field;
6. the receipt of AACR newsletters, meeting announcements, and an up-to-date membership directory;
7. reduced rates for the AACR Employment Register; and
8. the professional benefits of AACR's public education activities.

### 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 is working in a research area not directly related to cancer but has conducted research of merit in a related area of biomedical science, he or she may also qualify for membership.

Corresponding membership is open to persons who are not residents of the Americas. The qualifications 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 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 at a later date upon leaving the Americas. Graduate and medical students, postdoctoral fellows, and physicians in training who do not yet meet the above qualifications should apply for associate membership.

### PROCEDURES FOR APPLICATION

There are three deadlines for 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:

Receipt of Application  
in AACR Office

January 1  
May 1  
September 1

Notification of Candidate

March  
July  
November

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.

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 Street  
Suite 816  
Philadelphia, PA 19106-3483  
Phone: 215/440-9300  
FAX: 215-440-9313

### RESPONSIBILITIES OF MEMBERSHIP

Candidates should be aware of the following responsibilities of membership in the AACR. Active members must pay annual dues, a major portion of which is designated for subscriptions to AACR publications. In 1994 dues for active members are \$150, \$95 of which is designated for journal subscriptions. Newly elected members of the AACR who have already purchased subscriptions to *Cancer Research*, *Cell Growth & Differentiation*, or *Cancer Epidemiology, Biomarkers & Prevention* at the higher, nonmember rate will receive reimbursement of the unused portion of those subscriptions once their first year's membership dues are paid in full.

Corresponding members are required to pay dues (\$65 in 1994) and may, if they wish, subscribe to *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  
Executive Director





# AMERICAN ASSOCIATION FOR CANCER RESEARCH

## GUIDELINES FOR APPLICATION FOR ASSOCIATE MEMBERSHIP

### QUALIFICATIONS FOR MEMBERSHIP

Associate membership is open to graduate students, medical students, postdoctoral fellows, and physicians in training who are following a course of study or who are working in a research program relevant to cancer. Scientists in training who already have a substantial record of publications may wish to apply for active or corresponding membership which confers full benefits of membership.

### BENEFITS OF MEMBERSHIP

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

1. the privilege of sponsoring a paper for presentation at the AACR annual meeting provided that (a) the associate member is the presenter of the paper and (b) an active, corresponding, emeritus, or honorary member in good standing of the AACR also signs the abstract of the paper in support of the work (In this instance, the member who cosigns the abstract does not lose his or her own sponsorship privilege.);
2. an advance copy of the scientific Program and (if one has been purchased by the associate member) the *Proceedings of the American Association for Cancer Research* 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 Association's high-quality journals *Cancer Research*, *Cell Growth & Differentiation*, and *Cancer Epidemiology, Biomarkers & Prevention* at reduced member rates;
6. priority notification of events in the AACR's series of special conferences on timely subjects in the field;
7. reduced registration rates at special conferences;
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, 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. 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 are currently \$30 for associate members residing in the Americas and \$40 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 \$30 or \$40 dues payment to:

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

### RESPONSIBILITIES OF MEMBERSHIP

Associate members must pay annual dues in an amount to be determined by the AACR Board of Directors. Dues for 1993 and 1994 have been set at \$30 per year for residents of the Americas and \$40 for residents of other countries. If an application is submitted by August 31, the accompanying dues payment will be credited to the current year. Candidates submitting applications between September 1 and December 31 may indicate whether they wish their dues payments credited to the current or forthcoming year. Candidates should be aware, however, that associate members may sponsor an abstract for the annual meeting only if their dues for the current year are paid. For example, an associate member submitting an abstract in October 1993 for the forthcoming annual meeting must have paid dues for 1993. Any newly elected associate members of the AACR who have already purchased subscriptions to *Cancer Research*, *Cell Growth & Differentiation*, and *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 1993 may retain associate membership until December 31, 1997. The Board of Directors may terminate the membership of an associate member whose dues are in arrears for two years.

Margaret Foti  
Executive Director





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

The word processing packages that we prefer are as follows:

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

Also acceptable:

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

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

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

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



## DISK SUBMISSION FORM

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

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

### File preparation

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

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

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

**Name used to access paper on disk:** \_\_\_\_\_

**Name of computer used (e.g., IBM/PS2):** \_\_\_\_\_

**Operating system and version (e.g., DOS 3.3):** \_\_\_\_\_

**Word processing program and version (e.g., WordPerfect 5.0):** \_\_\_\_\_

[See reverse for acceptable programs.]

**Manuscript number:** \_\_\_\_\_

**First author:** \_\_\_\_\_

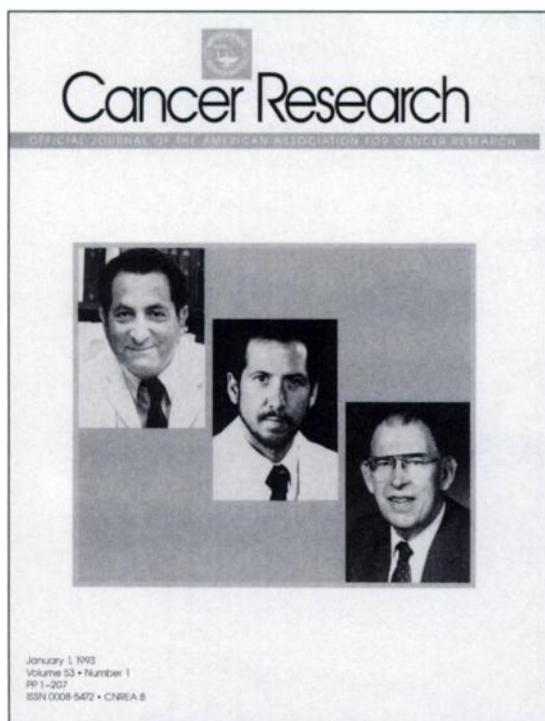
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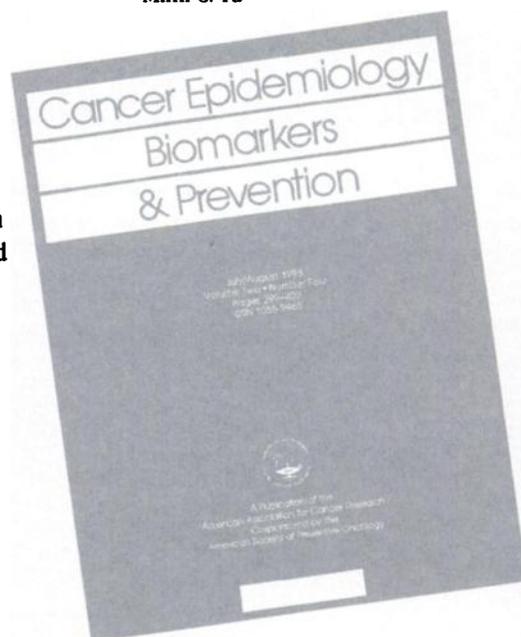
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### ***Modern Developments in Cancer Therapeutics***

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Academia Sinica, Taipei, Taiwan, R.O.C.

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**FEBRUARY 13-18, 1995**

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Joint Meeting with Japanese Cancer Association  
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MN; Masaaki Terada, Tokyo, Japan  
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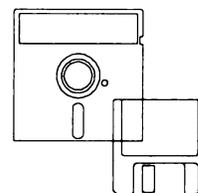
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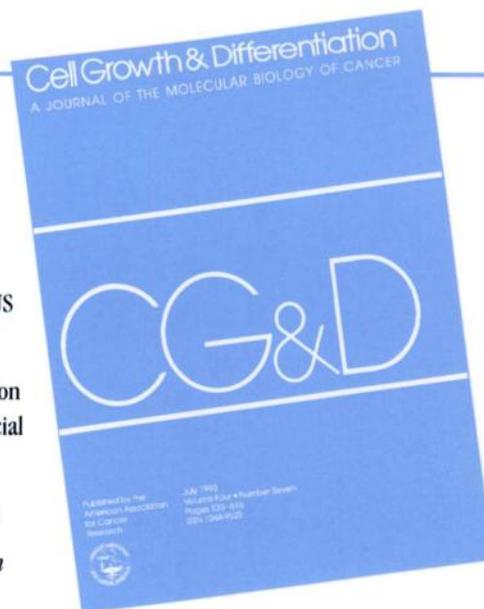
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