Institution of Page Charges
Effective January 1, 1998, a page charge of $50 per printed page will be levied on all manuscripts published in Clinical Cancer Research. 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 other source of support exists, the author(s) may apply to Dr. Margaret Foti, Director of Publications, AACR Publications Department (see page ii for address) at the time of submission for a waiver of the page charge. All such applications must be countersigned by an appropriate institutional official stating that no funds are available for the payment of page charges.

1999 Annual Meeting
The AACR’s Annual Meeting is one of the largest and most important annual gatherings of scientists engaged in cancer research worldwide. The next Annual Meeting will be held in Philadelphia, PA, April 10–14, 1999. The Chairperson of the Annual Meeting is Wim K. Hong of the UT-M.D. Anderson Cancer Center. Co-Chairpersons are Carol W. Greider, Johns Hopkins University School of Medicine; Joseph P. Fraumeni, Jr., National Cancer Institute; and Leroy Fong Liu, Robert Wood Johnson Medical School.

The Program Committee will invite outstanding scientists in the field to organize plenary sessions, symposia, scientific lectures, and expert seminar sessions. It will also review proffered papers submitted by members of the cancer research community and will schedule acceptable ones for oral and poster discussion sessions, and poster sessions. The deadline for submission of abstracts will be November 6, 1998. Further program information can be found on the AACR’s Website (http://www.aacr.org).

Call for Nominations for 1999 AACR-Pezzoler International Award for Cancer Research
The AACR-Pezzoler 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 promises for future contributions to cancer research. The Pezzoler Foundation was established in 1982 by Professor Alessio Pezzoler, 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 foundation, has stimulated others to make significant advances in cancer research. Over the past decade the Pezzoler Foundation has given a major award to recognize contributions to cancer and cancer-related biomedical science.

The American Association for Cancer Research (AACR) is pleased to announce that an International Award for Cancer Research in 1999 will be given to researchers engaged in cancer research in the Foundation and the AACR to scientific excellence in cancer research, these two organizations are collaborating annually on the presentation of this award. There will be 12 international awards given in 1999, and the Foundation and the AACR have agreed to give this award on an annual basis.

The selection of an international committee of AACR members appointed by the AACR President with the agreement of the Council of the Pezzoler Foundation. Although 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 scientific accomplishments, with particular regard to race, gender, nationality, or religious or political views. The candidate will be given the award at the meeting in Philadelphia, PA (April 10–14, 1999) and will receive the award in an official ceremony at the Foundation’s headquarters in Trento, Italy. The AACR Annual Meeting will be in accordance with an honorarium of $75,000 and a commemorative plaque.

In addition, the Pezzoler 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.

AACR
The American Association for Cancer Research (AACR) was founded in 1907 to bring together active investigators of the cancer problem for the presentation and discussion of new findings and to foster advances in cancer research. Today the Association has over 13,000 members working in all of the subspecialties of cancer research in the United States, Canada and over 60 other countries. Information on AACR programs and activities can be obtained from American Association for Cancer Research, Public Ledger Building 150 South Independence Mall West Suite 826 Philadelphia, PA 19106-3483 Phone: (215) 440-9300 Fax: (215) 440-9313 E-mail: aacr@aacr.org

The AACR welcomes applications for membership from the membership. Scientists engaged in all areas of cancer research are eligible for membership. There are three categories of membership: active membership, open to cancer researchers working in America; corresponding membership, to those working outside the Americas; and associate membership, to graduate and medical students, postdoctoral fellows, and physicians in training. Further information on the qualifications for each category as well as the benefits of membership can be found on the application forms at the back of this issue.

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

• a 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, and indicate which of the candidate’s publications best describe these achievements, and explain the impact of these achievements on progress in cancer research.

Nominations are asked to maintain the confidentiality of the nomination package. The letter summarizing the candidate’s work will be submitted to the AACR to be signed by the director of science for the candidate.

The deadline for receipt of nominations by the AACR is October 1, 1999, for consideration for the 1999 Award. Questions about the nomination process should be directed to Dr. Joseph B. Fraumeni Jr., Chairman, at (202) 440-9313 or E-mail at aacr@aacr.org. Nominations should submit the original plus 15 copies of their nominations to: AACR-Pezzoler International Award for Cancer Research c/o American Association for Cancer Research, Inc. Public Ledger Building, Suite 826 150 South Independence Mall West Philadelphia, PA 19106-3483, USA

Call for Nominations for AACR Awards
The AACR presents six awards to distinguished scientists at its Annual Meeting. The Awards Committee, consisting of six separate subcommittees, will recommend candidates for each award to the AACR Executive Committee. Following is a description of each award. Members wishing to make nominations should provide a short description of the candidate’s accomplishments; the subcommittee involved will obtain further documentation on suitable candidates. Nominations may be directed to the Association Office for forwarding to the appropriate subcommittee.

Clowns Award
The Eli Lilly Company established the Eli Lilly Clowns Award in honor of Dr. G. H. A. Clowes, who was a founding member of the AACR and a research director of Eli Lilly. The purpose of the award is to give "acknowledgments of outstanding research accomplished in some recent period." The Clowns Award recognizes recent accomplishments in basic cancer research, and the Board of Directors continues this to mean both laboratory research and epidemiological investigations.

Joseph B. Burchenal AACR Clinical Research Award
Bristol-Myers Squibb has established this award to recognize outstanding achievements in clinical cancer research. It is named for Dr. Joseph H. Burchenal, past president and honorary member of the AACR and a leading figure in the field of cancer chemotherapy. There are no restrictions on the age or geographic location of the awardee.

Richard and Hinda Rosenthal Foundation Award
The Rosenthal Foundation has established this award to recognize research which has given the promise of soon making a notable contribution to improved clinical care in the field of cancer. The Foundation wishes to honor and provide incentive to young investigators relatively early in their careers. It has, therefore, stipulated that the award be made to individuals who practice medicine, who reside in the Americas, and who will not be more than 50 years of age at the time of the award.

Rhoads Memorial Award
In 1979, an anonymous donor established this award in memory of Dr. Cornelius P. Rhoads, a founder and the first Director of the Sloan-Kettering Institute for Cancer Research. This annual award is intended to give recognition to an "individual on the basis of meritorious achievements in cancer research." In accordance with the donor’s wishes, the awardee must be a young investigator; therefore, the Board of Directors of the Association has stipulated that the recipient must not have reached his or her 41st birthday by the close of the year of the award (April 1999).

Cain Memorial Award
The Warner-Lambert Company instituted this award to honor the memory of Dr. Bruce P. Cain, a New Zealander for his work in the "design, synthesis, and biological evaluation of potential anticancer drugs." The purpose of the award is to "give recognition to an individual or research team for outstanding preclinical research that has implications for the improved care of cancer patients." Examples of such research include discovery of a significant new anticancer agent or major contributions to a compound’s application as an antimutagen agent. The award will recognize outstanding contributions in the fields of medicinal chemistry, biochemistry, or tumor biology as related to drug discovery; will encompass anticancer, antiviral, and antifungal agents; will have no age limit; and will be international in scope.

American Cancer Society Award
The American Cancer Society sponsors this award to honor outstanding achievements in the fields of epidemiology, biomarkers, and prevention. There are no age or geographical restrictions on the awardee.

AACR Special Conferences in Cancer Research
A number of meetings are now being organized in the AACR series of smaller scientific meetings. The list of meetings includes the annual and biennial meetings, and the topics, dates, locations, and program committees for these meetings. When full details of each meeting are available, AACR members may receive the first to receive complete brochures and application forms for participation in these important conferences. Nonmembers may receive this information by sending their names and addresses to: Meetings Listing, AACR, Public Ledger Building, Suite 826, 150 South Independence Mall West Philadelphia, PA 19106-3483. Up-to-date program information is also available via the Internet at the AACR’s website (http://www.aacr.org/conferenceml). October 14–18, 1998
Gene Regulation and Cancer
10th Anniversaries of AACR Special Conferences in Cancer Research
Chairpersons: PHILIP A. SHARP, Cambridge, MA JACQUELINE A. LEES, Cambridge, MA STEVEN L. MCKNIGHT, Dallas, TX
The Homestead, Hot Springs, VA
December 2–6, 1998
New Research Approaches to the Prevention and Cure of Prostate Cancer
Co-Chairpersons: JONATHAN W. SIMMONS, Baltimore, MD KENNETH J. PIENTA, Ann Arbor, MI Hyatt Grand Champions Resort, Indian Wells (Palm Springs), CA
March 1999
Molecular Determinants of Sensitivity to Antitumor Agents
Co-Chairpersons: MICHAEL B. KASTAN, Memphis, TN DAVID GOLDMAN, Bronx, NY Whistler Resort and Conference Centre, Whistler, B.C., Canada
AUTHOR INDEX
September 1998

Abe, T., 2129
Agarwal, S., 2147
Albert, D. M., 2253
Albers, S. R., 2111
Ames, M. M., 2111
Anker, G., 2089
Aoyagi, K., 2153
Banerjee, M., 2119
Barberi-Heyob, M., 2039
Bartlett, J. M. S., 2245
Beamam, A., 2119
Björk, P., 2079
Boag, A. H., 2279
Brown, N., 2085
Caenazzo, C., 2179
Campion, L., 2039
Campiling, B. G., 2279
Carson, W. E., 2219
Carvalho, M., 2195
Celis, E., 2103
Cher, M. L., 2119
Cheung, N-K. V., 2135
Christian, M. C., 2095
Chu, E., 2229
Cincotta, L., 2207
Clayman, G. L., 2265
Cole, S. P. C., 2279
Colomer, R., 2161
Conroy, T., 2039
Cortés-Funes, H., 2161
 Cotter, S. M., 2207
Covington, W., 2085
Danenberg, K. D., 2229
Danenberg, P. V., 2229
Daniel, R. W., 2103
Darjatmoko, S. R., 2253
Dearing, M. P., 2095
Deeley, R. G., 2279
Deo, Y. M., 2237
Di Salle, E., 2089
Dowsett, M., 2089
Edman, K., 2079
Elias, A., 2027
Erlichman, C., 2111
Etienne, M-C., 2039
Fety, R., 2039
Fidler, I. J., 2053
Foley, J. W., 2207
Frank, D. K., 2265
Franklin, W. A., 2065
Frederick, M. J., 2265
Frei, E., III, 2027
Frimberger, A. E., 2207
Gabra, H., 2245
Garbisa, S., 2179
Garcia, F. U., 2153
Geisler, J., 2089, 2125
Geisler, S. B., 2125
Gerald, W. L., 2135
Giraldo, A., 2179
Goldberg, R. M., 2111
Gouni-Berthold, I., 2141
Gramač, C., 2047
Gunnarsson, P-O., 2079
Gurski, K. J., 2103
Guzmán, C., 2161
Hameed, M., 2135
Hardouin, A., 2039
Hartley-Asp, B., 2079
Haruma, K., 2195
Hasuda, S., 2129
Hauck, M. L., 2071
Hawkins, R. A., 2245
Hipfner, D. R., 2279
Hirai, T., 2195
Ho, D. H., 2085
Hölzl, V., 2047
Hryniew, W., 2027
Hsueh, C-T., 2201
Hu, Y., 2153
Huikku, B., 2169
Huo, Y., 2085
Iwamoto, Y., 2273
Johnson, B. E., 2095
Ju, J., 2269
Kajiyama, G., 2195
Kakeji, Y., 2129
Kane, S. E., 2229
Kanetake, H., 2187
Kasturi, V. K., 2095
Keler, T., 2237
Kelley, M. J., 2095
Kelsen, D. B., 2201
Killion, J. J., 2053
King, N., 2089
Kitadai, Y., 2195
Klinz, M., 2141
Ko, Y., 2141
Kohno, K., 2273
Koji, T., 2187
Kramer, K., 2135
Kumar, R., 2053
Kuniyasu, H., 2053
Kuritani, J., 2085
Kushner, B. H., 2135
Kuwabara, M., 2195
Kuwano, M., 2273
Langdon, S. P., 2245
Larson, S. M., 2135
Lassere, Y., 2085
Lenz, H-I., 2229
Lindstrom, M. J., 2253
Liu, T-J., 2265
Lønning, P. E., 2089, 2125
Maehara, Y., 2129
Marincola, F. M., 2103
Matherly, L. H., 2169
Mathur, M., 2147
Merlin, J-L., 2039
Milano, G., 2039
Miller, W. R., 2245
Montero, S., 2161
Moore, A. S., 2207
Morton, T. L., 2095
Murakami, M., 2103
Nath, N., 2147
Niiti, D., 2179
Oda, Y., 2273
Ohga, T., 2273
Ohno, S., 2129
Oki, E., 2129
Olbricht, S., 2047
O’Neill, K., 2095
Onisto, M., 2179
Omta, G., 2089
Park, R. C., 2103
Pazdur, R., 2085
Perrotchau, G., 2039
Piccioli, S. C., 2095
Ponets, E., 2119
Powell, I., 2119
Pullen, J., 2169
Rabiz, G. J., 2245
Raihan, R., 2147
Ravindranath, Y., 2169
Refsum, H., 2125
Reid, J., 2111
Richardson, P., 2027
Richardson, R. L., 2111
Ritchie, A. A., 2245
Rivière, A., 2039
Roessner, A., 2047
Rolland, F., 2039
Ross, D., 2065
Russell, E. K., 2095
Russonello, C., 2237
Sachindis, A., 2141
Saito, Y., 2187
Sakai, H., 2187
Sakamoto, A., 2273
Sartor, L., 2179
Scalaerta, R., 2179
Schlom, J., 2237
Schmidt, H., 2047
Schmitt, J., 2047
Schulz, S., 2047
Schulz, St., 2047
Schwartz, G. K., 2201
Sette, A., 2103
Shah, K. V., 2103
Shima, I., 2153
Shinohara, H., 2053
Shinohara, N., 2273
Shukla, N. K., 2147
Siegel, D., 2065
Sladek, G. G., 2095
Sloan, J. A., 2111
Smaaland, R., 2125
Smyth, J. F., 2245
Somasundaram, C., 2237
Stearns, M. E., 2153, 2257
Stelier, M. A., 2103
Sugimachi, K., 2129
Sumii, K., 2195
Tahara, E., 2195
Tanaka, S., 2195
Taub, J. W., 2169
Tesdale, A. L., 2245
Tokutomi, T., 2195
Totskie, G., 2141
Tromble, E. L., 2103
Tsuneiyoshi, M., 2273
Tsurusaki, T., 2187
Turner, G. A., 2095
Tveit, K. M., 2125
Uchiimi, T., 2273
Ueland, P. M., 2125
Valdimarsson, G., 2279
Vetter, H., 2141
Walz, P. H., 2079
Wang, M., 2153, 2257
Wasylyk, B., 2147
Weise, W., 2047
Wheeler, C., 2027
Wibom, D., 2047
Wilkerson, C. L., 2253
Williamson, M., 2169
Wong, S. C., 2169
Wood, D. P., Jr., 2119
Wright, S. R., 2279
Yoshida, K., 2195
Zalutsky, M. R., 2071
Zhang, L., 2169
Instructions for Authors

Scope

Clinical Cancer Research, a journal of the American Association for Cancer Research, publishes original articles describing clinical research on the cellular and molecular characterization, prevention, diagnosis, and therapy of human cancer. Its focus is on innovative clinical research and translational research which bridges the laboratory and the clinic. Clinical Cancer Research is especially interested in clinical trials evaluating new treatments for cancer; research on molecular abnormalities that predict incidence, response to therapy, and outcome; and laboratory studies of new drugs and biological agents that will lead to clinical trials in patients.

Specific areas of interest include clinical and translational research in: molecular pharmacology and chemotherapy; drug sensitivity and resistance; tumor immunology and immunotherapy; radiobiology and radiation oncology; solid tumor oncology; hematological malignancies; surgical oncology; pediatric oncology; molecular oncology and cancer genes; pathology, markers, and prognostic indicators; growth factors, cytokines, and signal transduction; bone marrow transplantation; gene therapy; cancer endocrinology; cell adhesion, invasion, and metastasis; prevention of primary and recurrent cancer; differentiation and cell death; clinical genetics; and detection of minimal disease.

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. The signature of the corresponding author on the letter of submission signifies that these conditions have been fulfilled.

Journal policy requires that authors, reviewers, Associate Editors, and Senior Editors reveal in a letter to the Editor-in-Chief any relationships that they have that could be construed as causing a conflict of interest with regard to a manuscript under review. The letter should include a statement of any financial relationships with commercial companies involved with a product under study.

Upon acceptance, authors must transfer copyright to the American Association for Cancer Research, Inc., the copyright owner of the journal, prior to publication. Once an article is accepted for publication in Clinical Cancer Research, 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. To obtain a copy of the Helsinki Declaration, please contact the World Medical Association, 28, Ave. des Alpes, F-01210, Ferney-Voltaire, France. For animal experimentation reported in the journal, it is expected that investigators will have observed the Interdisciplinary Principles and Guidelines for the Use of Animals in Research, Teaching, and Testing issued by the New York Academy of Sciences' Ad Hoc Committee on Animal Research, a copy of which is available for $5.00 from the Marketing Department, New York Academy of Sciences, 2 East 63rd Street, New York, NY 10021-7289. All human and animal studies must have been approved by the investigator’s Institutional Review Board.

Review Process

The review process is conducted as rapidly as possible. Each submitted manuscript is reviewed by at least two experts in the field of investigation. If the authors are invited to submit a revised manuscript for an expedited further review, the revised version must be submitted within three months.

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 page ii 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.

Procedures for Submission

Submit papers directly to the Deputy Editor or to one of the seven Senior Editors, each of whom is responsible for a particular area of research. The Deputy Editor and the Senior Editors will conduct the review process with the expert assistance of the journal’s Associate Editors. Corresponding authors will be notified of the Associate Editors who will review their manuscripts. The Associate Editors will then inform the author(s) of the names of the reviewers and the corresponding Editor-in-Chief for the manuscript. The Associate Editors will provide an initial report. Manuscripts may be revised and resubmitted. Corresponding authors will be informed of the status of the manuscript. For manuscripts submitted for review during the two months prior to the meeting of the American Association for Cancer Research, the review process is expedited.

Manuscripts must be written succinctly in clear, grammatical English. Define abbreviations in an inclusive footnote to the text. Do not use excessive footnotes. Do not include personal communications as references. Number all tables and figures. Tables and figures should be self-explanatory. 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) agrees 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 page ii 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. Do not use excessive footnotes. Do not include personal communications as references. Number all tables and figures. Tables and figures should be self-explanatory. 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) agrees 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 page ii 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.

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:


Figures

Provide four original sets of figures (whether line-cut drawings or halftones). Each sorted set should be in a separate labeled envelope, for distribution to reviewers. A typed label placed on the reverse side of each figure should contain the first author’s name, figure number, and an arrow indicating top of figure. Letters and numbers on figures should not be smaller than 6-point or larger than 12-point type. All figures 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 greater 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 figures 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 alterations in proof.

Typsetting Manuscripts from Computer Disks

Clinical Cancer Research 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. It is the author’s responsibility to ensure that the material on the disk matches the final accepted version of the manuscript.

Research Areas of the Editor-in-Chief, Deputy Editor, and Senior Editors

John Mendelsohn, M.D., Editor-in-Chief
Department of Educational Publishing Services–227
The University of Texas M. D. Anderson Cancer Center
1515 Holcombe Boulevard
Houston, TX 77030
Phone: (713) 792-6014; Fax: (713) 792-6016
E-mail: jmendelsohn@notes.mdacc.tmc.edu

Growth factors, hormones, cell growth; radiation therapy, surgery, subspecialty investigation

Waun Ki Hong, M.D., Deputy Editor
Department of Thoracic/Head & Neck Medical Oncology
The University of Texas M. D. Anderson Cancer Center
Box 80
1515 Holcombe Boulevard
Houston, TX 77030
Phone: (713) 792-6363; Fax: (713) 796-8655
E-mail: waun.hong@ism.md Anderson.tmc.edu

Clinical trials targeted at specific malignancies, chemoprevention

Bruce A. Chabner, M.D.
Department of Hematology/Oncology
Massachusetts General Hospital
Cox Building, Room 640
100 Blossom Street

Boston, MA 02114
Phone: (617) 724-3200; Fax: (617) 724-3166
E-mail: chabner.brucet@mgh.harvard.edu

Clinical pharmacology and pharmacokinetics, drug metabolism, drug sensitivity and resistance, drug interactions

Michael B. Kastan, M.D., Ph.D.
Department of Hematology-Oncology
St. Jude Children’s Research Hospital
332 N. Lauderdale St.
Memphis, TN 38105-2794
Phone: (901) 495-3968; Fax: (901) 495-3966
E-mail: michael.kastan@stjudere.org

Cell cycle regulation, cell death

Lance A. Liotta, M.D., Ph.D.
Laboratory of Pathology
National Cancer Institute
Building 10, Room 2A33
National Institutes of Health
10 Center Drive, MSC 1500
Bethesda, MD 20892-1500
Phone: (301) 496-3185; Fax: (301) 402-0043
E-mail: lance@helix.nih.gov

Pathology, metastasis

David Sidransky, M.D.
Otolaryngology/Head & Neck Cancer Research
Johns Hopkins University
818 Ross Research Building
720 Rutland Avenue
Baltimore, MD 21205-2196
Phone: (410) 550-5153; Fax: (410) 614-1411
E-mail: dsidrans@welchlink.welch,jhu.edu

Molecular pathogenesis, molecular correlates

Paul Sondel, M.D., Ph.D.
Departments of Pediatrics, Human Oncology, & Genetics
University of Wisconsin Clinical Science Center
K74448
600 Highland Avenue
Madison, WI 53792
Phone: (608) 263-9069; Fax: (608) 263-4226
E-mail: pmsondel@staff.wisc.edu

Immunotherapy and cytokines—preclinical, and clinical trials

Beverly A. Teicher, Ph.D.
Lilly Research Laboratories
Lilly Corporate Center, DC 0540
Indianapolis, IN 46258
Phone: (317) 276-2739; Fax: (317) 277-3652
E-mail: teicher-bev@lilly.com

Experimental therapeutics, preclinical pharmacology, combined modality regimens, animal therapy models

Jeffrey M. Trent, Ph.D.
Laboratory of Cancer Genetics
National Center for Human Genome Research
National Institutes of Health
Building 49, Room 4A22
49 Convent Drive, MSC 4470
Bethesda, MD 20892-4470
Phone: (301) 402-2023; Fax: (301) 402-2040
E-mail: jtrent@ncbgrr.nih.gov

Genetics, cytogenetics

For more information, contact:

John Mendelsohn, M.D., Editor-in-Chief, Clinical Cancer Research, Department of Educational Publishing Services–227, The University of Texas M. D. Anderson Cancer Center, 1515 Holcombe Boulevard, Houston, TX 77030. Phone: (713) 792-6014; Fax: (713) 792-6016 or
Publications Department, American Association for Cancer Research, Public Ledger Building, Suite 826, 150 South Independence Mall West, Philadelphia, PA 19106-3483. Phone: (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 on 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, focused 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>
<thead>
<tr>
<th>Receipt of Application in AACR Office</th>
<th>Notification of Candidate</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 1</td>
<td>March</td>
</tr>
<tr>
<td>May 1</td>
<td>July</td>
</tr>
<tr>
<td>September 1</td>
<td>November</td>
</tr>
</tbody>
</table>

A complete application consists of the following material:
1. 6 copies of the form on the opposite side of this page, with all requested information provided.
2. 5 copies of the candidate’s most current curriculum vitae and bibliography.
3. 5 copies of a letter of recommendation from a nominator who is an active, corresponding, emeritus, or honorary member of the AACR (at least one copy must be a signed, original letter). This letter should describe the candidate’s achievements in laboratory research, clinical investigations, or epidemiological research, and it should affirm that this research adheres to accepted ethical scientific standards. —OR— The nominator may supply the responses requested at the bottom of the application form in the section entitled “STATEMENT OF SUPPORT” (at least one copy of the form must be the signed original).
4. 5 copies of a letter of recommendation as described in Item 3 above from a seconder who is an active, corresponding, emeritus, or honorary member of the AACR (at least one copy must be a signed, original letter). —OR— The seconder may supply the responses requested at the bottom of the application form in the section entitled “STATEMENT OF SUPPORT” (at least one copy of the form must be the signed original).
5. 5 reprints of each of two publications on which the candidate appears as author. As noted above, evidence of patents developed by the candidate may be submitted in lieu of one or both of the publications. If submitting patents, supply patent number and year awarded.

All material must 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: aac@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: __________________

LAST FIRST M.I. Month/Day/Year

PRESENT POSITION/TITLE: _________________________

INSTITUTIONAL AFFILIATION: _______________________

INSTITUTIONAL ADDRESS: _________________________

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

TELEPHONE NUMBER: ___________________________ FAX NUMBER: ___________________________

E-MAIL ADDRESS: ________________________________

PRIMARY FIELD OF RESEARCH (Please check only one):

_____Biochemistry and Biophysics

_____Biostatistics

_____Carcinogenesis

_____Cellular Biology and Genetics

_____Clinical Investigations

_____Endocrinology

_____Epidemiology

_____Immunology

_____Molecular Biology and Genetics

_____Preclinical Pharmacology and 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 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*: ____________________________ (Please print)

CANDIDATE SECONDED BY*: ____________________________ (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.

__________________________________________ Date  __________________________________________

Signature of Nominator*  Signature of Seconder*

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

1. the privilege of sponsoring a proffered paper (abstract) for consideration for presentation at the AACR annual meeting provided that (a) the associate member is the presenter of the paper and (b) an active, corresponding, or honorary member in good standing of the AACR also signs the abstract of the paper in support of the work. (In this instance, the member who cosigns the abstract does not lose his or her own sponsorship privilege.);
2. optional subscriptions to the Association’s high-quality journals: Cancer Research, Clinical Cancer Research, Cell Growth & Differentiation, and Cancer Epidemiology, Biomarkers & Prevention at reduced member rates; beginning in 1998 associate members will be able to purchase AACR journals for half the price of a regular member subscription;
3. 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**

<table>
<thead>
<tr>
<th>NAME OF CANDIDATE:</th>
<th>LAST</th>
<th>FIRST</th>
<th>M.I.</th>
<th>DATE OF BIRTH:</th>
<th>Month/Day/Year</th>
</tr>
</thead>
</table>

| INSTITUTIONAL AFFILIATION: | | | | | |
| INSTITUTIONAL ADDRESS: | | | | | |

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

| TELEPHONE NUMBER: | | FAX NUMBER: | | |
|-------------------|-----------------|-------------|-----------|

| E-MAIL ADDRESS: | | | | |
|-----------------|-----------------|-------------|-----------|

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

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

**PRIMARY FIELD OF RESEARCH** (Please check only one):

- Biochemistry and Biophysics
- Biostatistics
- Carcinogenesis
- Cellular Biology and Genetics
- Clinical Investigations
- Endocrinology
- Epidemiology
- Immunology
- Molecular Biology and Genetics
- Preclinical Pharmacology and 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.)

<table>
<thead>
<tr>
<th>Degree</th>
<th>Institution</th>
<th>Date</th>
</tr>
</thead>
</table>

**RELEVANT RESEARCH EXPERIENCE NOT RELATED TO COURSE WORK** (Please list most recent first.)

<table>
<thead>
<tr>
<th>Experience</th>
<th>Institution</th>
<th>Dates</th>
</tr>
</thead>
</table>

**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.)

<table>
<thead>
<tr>
<th>Author(s)</th>
<th>Title</th>
<th>Journal</th>
<th>Volume</th>
<th>Inclusive Pages</th>
<th>Year</th>
</tr>
</thead>
</table>

**CANDIDATE NOMINATED BY**:

(Please print)

**SIGNATURES**

I hereby apply for associate membership in the American Association for Cancer Research. I have read the instructions on the reverse side of this form, and I understand the privileges and responsibilities of this class of membership. I certify that the statements on this application are true.

Signature of Candidate: __________________________ Date: __________

I recommend this candidate for associate membership in the American Association for Cancer Research. To the best of my knowledge, the candidate is qualified for this class of membership, and the statements on this application are true.

Signature of Nominator*: ______________________ Date: __________

Submit three copies of this form. At least one copy must contain the original signatures of the candidate and the nominator. In addition, submit one copy of your curriculum vitae. Enclose a check in U.S. funds, made payable to AACR, Inc., and drawn on a U.S. bank for one year's dues. For 1998, dues are $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:

- The enclosed dues payment should be applied to the current or forthcoming calendar year.

**NOTE:** If dues are applied to the forthcoming year, membership will take effect on January 1, but the candidate will not be eligible to sponsor an abstract for presentation at the annual meeting in March or April of that year.) See Guidelines for Application on the reverse side of this form for further instructions.

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

(This form may be reproduced.)
Guidelines for Submitting Disks
to
American Association for Cancer Research Publications

The word processing packages that we prefer are as follows:

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

Also acceptable:

Ability
AmiPro
A_w S-TeX
Appleworks
ArborTeX
ArborText
ClarisWorks WP
CPT 8000
CTOS
Diablo
DisplayWrite
Duet
Einstein
Enable
EXP
Final Word
FullWrite
GemWord Plus
IBM Writing Assistant
Interleaf
LaTeX
Leading Edge
Lotus Manuscript
Lotus Write

Mass 11
MS Windows Write
MS Works
MS Works WP Mac
Multimate
Multimate Advantage
Nibia
Nisus (to ASCII file)
Notewriter
Obun
OfficeWriter
PC Write
PFS First Choice
Professional Write
Q&A Write
Quark XPress
RagTime MS Works
Rich Text Format
RSG (to ASCII file)
Signature
SLiTEX
SmartWhere
SmartWrite II
Software packages that we are unable to translate:

FrameMaker
PageMaker

Ready, Set, Go
Scientific Writer

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.
Your Link to the Latest Treatment Strategies

Clinical Cancer Research:
Your source for:
- Reports of clinical trials
  Descriptions of the latest treatment strategies being employed worldwide
- Translational studies
  Critical research bridging the lab and the clinic
- Minireviews
  Concise, informative summaries of broad areas of oncology
- Meeting reports, and more
  Reports from scientific meetings, plus special lectures, letters to the editor, and more

Editor-in-Chief:
John Mendelsohn, M.D.
UT M.D. Anderson Cancer Center

SUBSCRIBE TODAY!
Call 1-800-633-4931 or (205) 995-1567 or return the coupon below.

☑ Yes! I'd like to subscribe!
Clinical Cancer Research
Vol. 4, 1998, 12 issues, ISSN 1078-0432

AACR Members:
Contact AACR for special subscription rates

Individual (For individual use only; not for use in a library)
☑ $120
☑ $ 40 should be added for delivery outside the U.S.

Institutional (Available only as a combined subscription with Cancer Research)
☑ $795
☑ $130 should be added for delivery outside the U.S.
Canada: Add 7% GST; MD: Add State Sales Tax

Account Name

Account Number

Expiration Date

Signature

Mail coupon to:
Clinical Cancer Research, Subscription Office,
P.O. Box 11806, Birmingham, AL 35202, USA.
If paying by credit card, fax form to: (205) 995-1588.
Cancer kills more than 1,500 people every day. And it is the leading cause of death by disease in our children. Yet, for every ten dollars in taxes the government collects, it spends only one penny on cancer research. We can do better. For the more than eight million Americans now living with cancer—and for the millions more at risk—we must do better. THE MARCH is a momentous event uniting people in Washington, DC, and in communities across the nation. We are coming together to make cancer the nation's #1 research priority. We are raising our voices to say No more... No more suffering... No more excuses... No more cancer. Please join us.

THE SIDNEY KIMMEL FOUNDATION for CANCER RESEARCH

The AACR is a proud supporter of The March. For information about AACR members’ March-related activities, please call the AACR Office at (215) 440-9300.