The advertisements below were submitted by prospective candidates and employers in the AACR Employment Register by February 1, 1991 and were updated as of July 11, 1991. Employers participating in the Employment Register may obtain information on the candidates in these advertisements and participating candidates may obtain information on positions in these advertisements by submitting written requests to the AACR Employment Register, Public Ledger Building, 520 Chestnut St., Suite 816, Philadelphia, PA 19106-3483. The request should give the identification number(s) appearing in the upper left-hand corner of the desired advertisement(s) and should include the registrant's own identification number or a completed employment register form with the appropriate fee attached. Forms were sent to all members of the AACR in January 1991. They were also printed in the First Announcement of the Annual Meeting and in the December 1 (1990), December 15 (1990), and January 1 (1991) issues of Cancer Research.

POSITION LISTINGS

5301P Research Associate in human retrovirus pathogenesis. Conduct research on HIV assembly, HIV regulatory gene function, HIV tissue tropism, or HTLV leukemogenic determinants. Avail, immed., $18,000-$30,000 depending upon experience. M.D. or Ph.D. required. Contact Dr. L. Ratner, Dept. of Medicine, Washington University, St. Louis, MO. 5302P Postdoctoral Fellow. Research on antibody-mediated immunotherapy of human melanoma, including evaluations of fusion proteins between recombinant antitumor toxins and growth factors, and toxoids in spontaneously metastasizing melanoma in nude mice. Determine potential of tumor vaccine made by retroviral-mediated transfer of Ig genes encoding for anti-tumor target antigens to peripheral blood lymphocytes. Ph.D. in Immunol., Biol., or Microbiol. Avail, fall 1991; $23,500; contact Dr. R. A. Reifeld, Res. Inst. of Scripps Clinic, La Jolla, CA. 5303P Res. Assoc. (Assistant: 6 yr experience). Res. project in cell biology, including studies in expression and regulation of glutathione S-transferase genes. Position avail. ASAP. Salary—$20,000-$25,000. Contact Dr. Y. C. Awasthi, Department of Human Biological Chemistry, The University of Texas Health Science Center, Branch 301 Keller Bidg., Rm. F20, Galveston, TX 77550. 5305P Senior Research Scientist in Biochem./Pharmacol. Postdoc. 2-5 yr experience. Conduct independent res. on mechanisms of resistance to anticancer drugs; diag. use of cancer markers. Preference given to individuals with grant support and interest in developing cooperative basic science/clinical ventures. Avail, summer 1991. Contact Dr. S. C. Barranco, Quest Biomed. Res. Corp., 841 Seawanhak Cir., #201, VA. Beach, VA 23452. 5308P Postdoc./Res. Assoc. to study the molecular basis of tumor suppressor gene and oncogene action and to identify and molecularly clone novel genes which modulate expression of the tumor cell phenotype. Experience in molecular biology required. Avail, immed. (salary negotiable). Contact Dr. P. B. Fisher, Columbia Univ., Coll. Phys. & Surg., New York, NY 10032; (212) 305-9866; FAX (212) 305-5498. 5309P Postdoc. in HIV/AIDS Research Scientist for research into mechanisms of experimental prostat carcinomaogenesis. Emphasis on tissue culture, animal models, biochemistry, immunology, molecular biology, endocrinology. No teaching. Avail, summer—fall 1991. $20,000-$27,500. M. D. or B. C. Bos- land, Institute of Environmental Medicine, NYU Medical Center, Yale St., NY 10012. 5310P Postdoctoral position utilizing enzymological, molecular biological, and protein chemical techniques to characterize and develop potential tumor markers. Minimum commitment of 2 years expected. Avail, immed. $22,000-$24,000. Contact Dr. L. D. Smith, H. L. Snyder Memorial Research Foundation, Waynflete, KS 67156. Phone (316) 221-4080. 5311P Res. Assoc. Utilize biochemical and molecular biological techniques to study membrane glycoprotein unique to resistant cells. Site-directed antibodies and gene-specific hybridization probes are available to study amplification, regulation, and transcriptional activation of multidrug resistant genes. Dr. S. Horwitz, Dept. Mol. Pharmac., A. Einstein Col. Med., Bronx, NY 10461. 5312P Postdoctoral Fellow, Ph.D., in Molecular Biology with experience in protein purification, recombinant and cloned DNA technologies, expression of novel hematopoietic colony-stimulating factors (especially Meg-CSF). Avail, immed. $21,000-$26,000. Contact Dr. M. J. Murphy, Jr., Hipple Cancer Research Center, Dayton, OH 45439-2092. 5313P Research Associate/Postdoc. (non-tenure) to join ongoing lab effort examining biochemical and molecular determinants of top II reactive drug resistance in human leukemia. 3 yr of time research. Publishing encouraged. May include technical support. Avail, 8/91; $32,000-$42,000. Contact Dr. Leonard Zwelling; M.D. Anderson Cancer Ctr., Box 52, 1515 Holcombe Blvd.; Houston, TX 77030; (713) 792-3694. FAX: (713) 792-6759. 5314P Oncologist/Hematologist - Va Medical Center, Allen Park, MI. Full affiliate of Wayne State University School of Medicine seeks third staff member at Asst. Prof. or Assoc. Prof. level, possibly in the role of Section Chief. Patient care, teaching, and research. Contact CV to: Chief, Medical Service, Va Medical Center, Allen Park, MI 48101. 5315P Postdoc. In cancer research. Research on signal transduction in melanocyte transformation. Openings in a variety of projects including studies on signal transduction, oncogenes, transcriptional regulation, and chemopreventive agents. Avail, 7/79/15. Contact Dr. Frank L. Meyerson, Jr., Clinical Cancer Center, UC Irvine, CA. 5317P Investigate cell growth, differentiation and se- nescence; and develop methods for characterization for human therapy. Strong cell bio. and mammalian cell physiology reqd.; pref. exp. in primary mammalian cell tissue culture and familiarity with various cell types. Exp. in somatic cell genetics, flow cytometry, histochemistry, and methods for characterization of macromolecular synthesis. 2-6 yrs. postdoctoral exp. with a strong record of achievement. 5318P Postdoctoral positions available for investi- gation of molecular mechanisms of familial melanoma pigmentosum and Cockayne syndrome. Work includes studies of DNA repair mechanisms in human cells, cloning, and transgenic mouse techniques. Avail. July 1, 1991 on- ward. Salary $32,000. Contact Drs. Charles F. Foote or Sten Ex- ternational fellowship. Contact James E. Cleaver, Lab. of Radiobiology & Env. Health, University of California, San Francisco, CA 94143-0750, phone (415) 476-4563. 5320P Postdoctoral fellowship to work on the Ah receptor, a ligand-binding transcriptional activator which mediates induction of phase I hepatic microsomal hy- drocarbons. Using molecular biology, antibodies, labeled ligands to characterize the structure-function relationship of the receptor and the 4 allelic variants in mice. Salary $18,500. Contact Dr. Alan Poland, M-}
4385. Man biochem. employer. wood, available
5333 P
328-7070.

4344 P Postdoc position in Cell Biology of Molecu lar
regulation/molecular effects of hematopoietic cytokines in
leukemia. Avail. immed. Salary negotiable. Contact
Michael Andreason, Ph.D., Professor of Medicine,
M. D. Anderson Cancer Center, 1515 Holcombe Blvd.,
Box 61, Houston, TX 77030.
5345P Postdoctoral fellowship is available to study
the molecular genetics of Wilms tumor and develop
new molecular therapeutic modalities. Contact
Dr. John E. Jakob, University of Washington,
Seattle, WA 98195. Salary $25,000-$35,000.

5377P Postdoc position in Dept. of Radiol. Onc. Expe
rience in gel chromat. tech. Conduct independent

536P Two postdoctoral positions available in projects studying the molecular events underlying neoplastic progression in bladder and colon carcinoma. Applicants should have strong background in cell and/or molecular biology. Avail. July 1991.

536P Postdoc position available in studies involving cell-cell interactions, tissue arborizations, adhesions, and the regulation of cell growth in a three-dimensional matrix. Contact: Dr. George Sanger, Dana-Farber Cancer Inst., Boston, MA 02115.

5349P Postdoctoral Fellow to do full-time research on the role of 20S proteasome in cell activation and growth control. Avail. immediately. Contact: Dr. F. L. Cheng, Division of Chemical Carcinogenesis, American Cancer Foundation, Valhalla, NY 10595, (914) 592-2600, ext. 560.

5335P Postdoc position in Molecular Carcinogenesis. Molecu lar biology and cellular biology experience is required. Conduct independent research on the roles of growth factors in the promotion and progression of cancer. Contact: Dr. Robert Kramer, Harvard Medical School, Boston, MA 02115.

5349P Two postdoctoral positions available in projects studying the molecular events underlying neoplastic progression in bladder and colon carcinoma. Applicants should have strong background in cell and/or molecular biology. Avail. July 1991.

5375P Postdoc position available in projects studying the molecular events underlying neoplastic progression in bladder and colon carcinoma. Applicants should have strong background in cell and/or molecular biology. Avail. July 1991.

536P Two postdoctoral positions available in projects studying the molecular events underlying neoplastic progression in bladder and colon carcinoma. Applicants should have strong background in cell and/or molecular biology. Avail. July 1991.

536P Postdoc position available in projects studying the molecular events underlying neoplastic progression in bladder and colon carcinoma. Applicants should have strong background in cell and/or molecular biology. Avail. July 1991.

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536P Postdoc position available in projects studying the molecular events underlying neoplastic progression in bladder and colon carcinoma. Applicants should have strong background in cell and/or molecular biology. Avail. July 1991.
5369P Asst. Prof. (tenure track) in Mol. Genetics. Postdoc. and teaching exp. Contact independent research on molecular genetics of cancer. Limited medical/grad. teaching. Avail. Summer, $30,000-$50,000. Contact Dr. R. Bruce Dunlap, Director, Children's Cancer Research Lab, Dept. of Pediatrics, Univer. of South Carolina, Columbia, SC 29208.

5370P Postdoctoral researcher in Mol. Carcinogenesis. Completion of genetic and molecular studies related to mammary carcinogenesis. Exp. in mol. cloning and immunohistochemistry. Avail. 20 Aug. 2091, $15,000-$20,000. Contact Dr. Z. Wasalewski, Univer. of Texas M. D. Anderson Cancer Center, 1545 Holcombe Blvd., Houston, TX 77030.

5371P Postdoctoral Fellow for NIH-funded research position in Cellular and Molecular Immunology. Experience in immunomor- phology and immunosuppressants. Position available for a recent Ph.D. to study the further mechanisms of anti-AIDS drugs, mechanisms of toxicity to normal and tumor tissues. Exp. in biochemical pharmacology, tissue culture, HPLC, and molecular techniques desirable. Avail. July 1, 2091. Salary range $25,000-$30,000. Contact Dr. Jesse Au, The Ohio State University, 500 W. 12th St., Columbus, OH 43210, (614) 292-4244.


5378P Postdoctoral Fellow. To study the properties of folate-dependent enzymes and the genes that encode them. Inhibitors, antibodies, and cDNA probes available for study of substrate/function in tumor cells. (See abstracts 1913, 1931) Recent Ph.D. in related field and publication required. Avail. Aug. 1991, $24,000-$27,000. R.G. Moran, Univer. of Southern California, 1303 Mission Road, Los Angeles, CA 90033.


5386P Postdoctoral Research Scientist. Ph.D. candidate in radiation biology, cell biology and/or molecular biology is required for a project involving the cellular and molecular characterization of mutation induced by radiation and other environmental agents. Avail. in early June, July 1991, $25,000-$30,000 annually. Contact Dr. Tom K. Hei, Radiological Res. Lab., Columbia Univer., Columbia Station 1, Columbia, MO 65211.

5381P Molecular genetic and cellular biological in- vestigations of human bronchogenic carcinoma. A Human papillomavirus-immortalized human bronchial epithelial cell line will be used in experimental carcinogen- esis studies.

5382P Instructor/Assistant Professor in medical on- cology with major emphasis on breast cancer. Contact Dr. J. Smith, Department of Pathology, University of Michigan, Ann Arbor, MI 48109.

5387P Postdoctoral research position in Hepatitis C virus and related research. Exp. in biochemistry and molecular biology. Avail. now. Sal. neg. Contact Dr. Randy L. Jirts, Ph.D., Radiation Oncology, Box 3433, Duke University Med- ical Center, Durham NC 27710, (919) 684-2770.


5385P Postdoctoral Research Associate. Position available for a recent Ph.D. to study the further mechanisms of anti-AIDS drugs, mechanisms of toxicity to normal and tumor tissues. Exp. in biochemical pharmacology, tissue culture, HPLC, and molecular techniques desirable. Avail. July 1, 1991. Salary range $25,000-$30,000. Contact Dr. Trevor M. Penning, Dept. of Pharmacology, Univer. of Pennsylvania Sch. of Medicine, Philadelphia, PA 19104-6084.


5387P Asst. Res. or Asst. Prof. in Neurology. Recent Ph.D. to develop projects for two lab preclinical pharmacological, toxicology and efficacy studies in animals with monoclonal antibodies, chemotherapeutic agents, imaging modalities. Experience in im- munological toxicology of monoclonal antibodies, useful. Avail. ASAP. Contact Dr. Ed Neuweiss, Oregon Health Sciences University, L603, 3181 SW Sam Jack- son Park Road, Portland, OR 97230-3098.

CANDIDATE LISTINGS


108C Ph.D., 1991, Immunology. 20 yrs. of research experience and diagnostic experience. Interested re- searcher, supervisor, areas of cellular and humoral immunology, tumor immunology, virology, vaccines, immunocommunity, reproductive biology, receptors, growth factors, immunobiotics, monoclonals, biopsy, computer graphics, etc. Formal teaching experience 3 yrs. Seek faculty/equivalent position. Los Angeles, CA.


108C Ph.D., 1991, Immunology. 20 yrs. of research experience and diagnostic experience. Interested re- searcher, supervisor, areas of cellular and humoral immunology, tumor immunology, virology, vaccines, immunocommunity, reproductive biology, receptors, growth factors, immunobiotics, monoclonals, biopsy, computer graphics, etc. Formal teaching experience 3 yrs. Seek faculty/equivalent position. Los Angeles, CA.

analysis, peptide mapping, DNA sequencing, DNA transfection to mammalian cells, site-directed mutagenesis and kinase assay.

122C Dr. Ph.D., 1987, Molecular Pharmacology, Biochemistry, Pharmacokinetics, and Toxicology.

123C Prof. Dr. J.D., 1992, Developmental Toxicology.

124C Dr. Ph.D., 1985, Pharmacology, Pharmacodynamics, Pharmacokinetics.

125C Dr. Ph.D., 1989, Pharmacology, Pharmacodynamics, Pharmacokinetics.

126C Dr. Ph.D., 1990, Pharmacology, Pharmacodynamics, Pharmacokinetics.


128C Dr. Ph.D., 1992, Pharmacology, Pharmacodynamics, Pharmacokinetics.

129C Dr. Ph.D., 1993, Pharmacology, Pharmacodynamics, Pharmacokinetics.

130C Dr. Ph.D., 1994, Pharmacology, Pharmacodynamics, Pharmacokinetics.

131C Dr. Ph.D., 1995, Pharmacology, Pharmacodynamics, Pharmacokinetics.

132C Dr. Ph.D., 1996, Pharmacology, Pharmacodynamics, Pharmacokinetics.

133C Dr. Ph.D., 1997, Pharmacology, Pharmacodynamics, Pharmacokinetics.


135C Dr. Ph.D., 1999, Pharmacology, Pharmacodynamics, Pharmacokinetics.

136C Dr. Ph.D., 2000, Pharmacology, Pharmacodynamics, Pharmacokinetics.

137C Dr. Ph.D., 2001, Pharmacology, Pharmacodynamics, Pharmacokinetics.

138C Dr. Ph.D., 2002, Pharmacology, Pharmacodynamics, Pharmacokinetics.

139C Dr. Ph.D., 2003, Pharmacology, Pharmacodynamics, Pharmacokinetics.

140C Dr. Ph.D., 2004, Pharmacology, Pharmacodynamics, Pharmacokinetics.

141C Dr. Ph.D., 2005, Pharmacology, Pharmacodynamics, Pharmacokinetics.

142C Dr. Ph.D., 2006, Pharmacology, Pharmacodynamics, Pharmacokinetics.

143C Dr. Ph.D., 2007, Pharmacology, Pharmacodynamics, Pharmacokinetics.

144C Dr. Ph.D., 2008, Pharmacology, Pharmacodynamics, Pharmacokinetics.

145C Dr. Ph.D., 2009, Pharmacology, Pharmacodynamics, Pharmacokinetics.

146C Dr. Ph.D., 2010, Pharmacology, Pharmacodynamics, Pharmacokinetics.

147C Dr. Ph.D., 2011, Pharmacology, Pharmacodynamics, Pharmacokinetics.


205C M.D., 1983; M.S., Molecular Biology and Genetics. Experience: 3 yrs. on genomic library construction. DNA subcloning, DNA sequencing, Southern hybridization blotting, DNA fingerprint, etc. Salary negotiable.


214C M.D./Ph.D. Oncology, Mol./Biochem. Pharmacology; Anticancer drug studies: mechanisms and effects in vivo; drug resistance research (flow cytometry, HPLC, molecular hybridizations, immunoblotings, protein purification, DNA damage, 2 yrs. postdoc. training. Seek acad./indus. research position.


231C Ph.D., 1988, Molec. Biol., with 3 yrs. experience in tissue culture, Western, Northern, Southern blotting, RNAs protection assay, S1 mapping, primer extension, screening of cDNA library, PCR, cloning, and sequencing. Salary negotiable.


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AMERICAN ASSOCIATION FOR CANCER RESEARCH

1992 EMPLOYMENT REGISTER FORMS AND INSTRUCTIONS

INTRODUCTION

The AACR’s Employment Register is intended to attract young scientists to the Association, increase interest in AACR programs, and provide a valuable service to all cancer researchers, both senior and junior investigators.

The AACR had operated a limited Employment Register since 1983 with a fee structure that has permitted only the listing of positions and candidates at the annual meeting. Beginning in 1988, AACR Staff scheduled interviews at the annual meeting, and brief advertisements describing available positions and candidates were published in the Proceedings of the American Association for Cancer Research and in two issues of Cancer Research. These services will be continued in 1992. Registration forms for the 1992 Employment Register can be found on the following pages. Fees have been set at the following levels:

Each candidate registration
-- by an AACR member $10
-- by a nonmember $25

Each position listing
-- by an AACR member from a nonprofit or governmental organization $75
-- by a nonmember from a nonprofit or governmental organization $125
-- from a commercial organization $250

INSTRUCTIONS FOR CANDIDATES

1. Supply all information requested on the attached candidate registration form.
2. Type a short description of your background and the position you are seeking in the 5" X 1 1/4" box provided. Do not include your name; the AACR will assign identification numbers to all candidate listings. Please type carefully; this description will be reproduced as described in the section below entitled PUBLICATION OF LISTINGS.
3. Enclose the original form plus 1 copy.
4. Enclose appropriate payment:
   a. $75 from AACR members
   b. $125 from nonmembers
5. Checks should be issued in U.S. dollars, drawn on a U.S. bank, and made payable to AACR, Inc.
6. Forms should be submitted by January 27, 1992, to ensure publication of listings in the Proceedings. However, position listing forms will continue to be accepted in the Association Office until April 28, 1992. After that date forms should be submitted at the annual meeting.
7. Mail all position listing forms to:
   Employment Register
   American Association for Cancer Research, Inc.
   Public Ledger Building
   620 Chestnut Street, Suite 816
   Philadelphia, PA 19106-3483

SCHEDULING OF INTERVIEWS

The AACR will set aside space at the annual meeting for interviews which will be scheduled at mutually agreeable times during the following hours: Wednesday, Thursday, and Friday, May 20-22, from 8:00 a.m. to 5:00 p.m., and Saturday, May 23, from 9:00 a.m. to 12:00 noon. Each candidate and employer will receive an identification number. Registrants who submit their forms and fees by April 28, 1992, will receive an acknowledgment card which contains their identification number.

INSTRUCTIONS FOR EMPLOYERS

1. Supply all information requested on the position listing form for each position available.
2. Type a short description of the position available in the 5" X 1 1/4" box provided. Please type carefully; this description will be reproduced as described in the section below entitled PUBLICATION OF LISTINGS.
3. Enclose the original form plus 1 copy.
4. Enclose appropriate payment:
   a. $75 from AACR members
   b. $125 from nonmembers
   c. $250 from commercial firms.
5. Checks should be issued in U.S. dollars, drawn on a U.S. bank, and made payable to AACR, Inc.
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   Employment Register
   American Association for Cancer Research, Inc.
   Public Ledger Building
   620 Chestnut Street, Suite 816
   Philadelphia, PA 19106-3483

PUBLICATION OF LISTINGS

Short advertisements describing each candidate and position listing will be published in Volume 33 (1992) of the Proceedings of the American Association for Cancer Research and in the September 1, and December 1, 1992, issues of Cancer Research. The attached forms contain space for copy for these advertisements. Please type carefully to ensure accurate reproduction of your advertisement. Your copy must not exceed the limits of the box because space for these advertisements is limited. Advertisements for available positions should contain the name and address of the person conducting the search, and candidates will be able to communicate with that person directly. Candidate advertisements will be anonymous. The AACR will send the candidate’s complete form via first-class mail to any registered employer who requests it. The employer must bear the cost of receiving candidate forms in any manner other than first-class mail.

As noted above, because of the early publication date of the Proceedings, forms must be received by January 27, 1992, to ensure publication in that document. However, all advertisements submitted before or during the meeting will be published in the two issues of Cancer Research. Registrants wishing to withdraw their advertisements must submit written requests to that effect to the Association Office by July 1, 1992, for the September issue, and by October 1, 1992, for the December issue. All participants in the Employment Register are urged to notify the Association immediately of any change in their status so that all listings will remain current.

FURTHER INFORMATION

Questions about the Employment Register may be directed to the Association Office at 215-440-9300.
POSITION LISTING

AMERICAN ASSOCIATION FOR CANCER RESEARCH
EMPLOYMENT REGISTER
(Please type and submit original and 1 copy)

DESCRIPTION OF POSITION

Title ____________________________________________

Nature of Work and Responsibilities (research, teaching, administration, etc.)

Education and Experience Required

Date Position Available ____________________________ Annual Salary Range ____________________________

Location of Position ____________________________________________________________

Areas of Specialization
(Indicate a maximum of three in order of greatest activity)

   12. Other: __________________________________________

(please specify)

EMPLOYER'S REPRESENTATIVE(S)

Name(s) and Title(s) ____________________________________________

Institution ____________________________________________________________

Address ____________________________________________________________

Telephone ____________________________

AACR Member Number ____________________________

AVAILABILITY FOR INTERVIEWS AT AACR ANNUAL MEETING

I __ plan __ do not plan to attend the AACR Annual Meeting in San Diego.

Dates available for interviews: __ May 20 __ May 21 __ May 22 __ May 23

ADVERTISEMENT (Please type a short description of the position in the box below. If received by January 27, 1992, your advertisement will be printed in the 1992 Proceedings. All advertisements will appear in the September 1, and December 1, 1992, issues of Cancer Research.)


(This form may be reproduced.)
CANDIDATE REGISTRATION

AMERICAN ASSOCIATION FOR CANCER RESEARCH
EMPLOYMENT REGISTER

(Please type and submit original and 1 copy)

TYPE OF POSITION DESIRED (Check all that apply)
__ Postdoctoral  __ Physician in Training  __ Research Associate/Staff Scientist  __ Faculty

TYPE OF INSTITUTION DESIRED (Check all that apply)
__ Industry  __ Academic  __ Government

Name: _____________________________________________  AACR Member Number: ____________________________

Last   First   M.I.                                                                                         

Business Mailing Address: ____________________________________________________  Major Field: ____________________________

______________________________________________________________________________

Highest Degree: ________________________________________________________________

______________________________________________________________________________

Year Obtained: ________________________________________________________________

Bus. Telephone ___________________________ Citizenship ____________________________

Type of Visa: ___________________________ Desired Salary: ____________________________

Date Available: _________________________ Geographic Preference: ______________________

AREAS OF SPECIALIZATION
(Indicate a maximum of three in order of greatest activity)

____ 1Biochemistry & Biophysics  ____ 2Biostatistics  ____ 3Carcinogenesis  ____ 4Cellular Biology & Genetics
____ 5Clinical Investigations  ____ 6Endocrinology  ____ 7Epidemiology  ____ 8Immunology
____ 9Molecular Biology & Genetics  ____ 10Preclinical Pharmacology & Experimental Therapeutics
____ 11Virology  ____ 12Other: ____________________________ (please specify)

ADVERTISEMENT (Please type a short description of your background and the position you are seeking in the box below. If received by January 27, 1992, your advertisement will be printed in the 1992 Proceedings. All advertisements will appear in the September 1, and December 1, 1992 issues of Cancer Research. DO NOT GIVE YOUR NAME OR ADDRESS; the AACR will assign identification numbers to each advertisement.)

<table>
<thead>
<tr>
<th>ACADEMIC TRAINING</th>
<th>From/To</th>
<th>Major</th>
<th>Minor</th>
<th>Degree(s)</th>
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<th>From/To</th>
<th>Position/Nature of Duties</th>
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<tr>
<th>PUBLICATIONS</th>
<th>(List five most recent; include titles and co-authors)</th>
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<tr>
<th>OTHER</th>
<th>(List specific areas of expertise, professional societies, honors, etc.)</th>
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<tr>
<th>REFERENCES</th>
<th>(Give name and business address)</th>
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<tr>
<td>Dates available for interviews:  ___ May 20  ___ May 21  ___ May 22  ___ May 23</td>
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(This form may be reproduced)
BENEFITS OF MEMBERSHIP

The American Association for Cancer Research (AACR) 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 AACR 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 AACR 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 AACR's series of special conferences;
6. subscriptions to any future AACR journals at reduced member rates;
7. reduced rates for the AACR Employment Register;
8. the benefit of AACR's public education activities;
9. the receipt of AACR newsletters, meeting announcements, and an up-to-date membership directory.

QUALIFICATIONS FOR MEMBERSHIP

Active membership in the AACR 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 completed 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>March 1</td>
<td>May</td>
</tr>
<tr>
<td>July 1</td>
<td>September</td>
</tr>
<tr>
<td>October 1</td>
<td>December</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, 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 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 AACR (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 AACR. Active members must pay annual dues, a major portion of which is designated for a subscription to at least one of the AACR's publications. 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.

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 AACR 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
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: ____________________________ CANDIDATE SECONDED BY: ____________________________

(Please type or print) (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.

* Nominators must be active, emeritus, or honorary members of the AACR.

(This form may be reproduced.)
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, 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 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.)

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

______________________________________________________________

______________________________________________________________

______________________________________________________________

PUBLICATIONS (List the authors, title, journal, volume, inclusive pages, and year of any article in a peer-reviewed journal on which the candidate appears as an author. Do not list abstracts. Continue on a separate sheet, if necessary.)

______________________________________________________________

______________________________________________________________

______________________________________________________________

______________________________________________________________

______________________________________________________________

CANDIDATE NOMINATED BY: ____________________________ (Please type or print name of AACR active member in good standing.)

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. Enclose a check for $20 in U.S. funds made payable to AACR, Inc. and drawn on a U.S. bank. Check one of the following boxes only if this form is being submitted between September 1 and December 31:

The enclosed dues payment should be applied to the

[ ] current [ ] forthcoming calendar year.

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

(This form may be reproduced.)
AMERICAN ASSOCIATION FOR CANCER RESEARCH
EIGHTY-THIRD ANNUAL MEETING
May 20-23, 1992
San Diego Convention Center
San Diego, California

ADVANCE REGISTRATION FORM
(Please print or type)

<table>
<thead>
<tr>
<th>NAME:</th>
<th>First Name/Middle Initial</th>
<th>Last Name</th>
<th>AACR Member Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>TITLE:</td>
<td>ADDRESS:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Street, Building, or Post Office Box

City State or Province Zip/Postal Code Country (if not U.S.)

TELEPHONE: FAX:

☐ Check this box if you have a physical disability and special requirements for transportation, hotel accommodations, or other facilities connected with the meeting. A member of the Association Staff will contact you.

WHAT IS YOUR PRIMARY FIELD OF RESEARCH (Please check only one):

ARE YOU THE PRESENTER OF AN ABSTRACT SUBMITTED FOR THE 1992 AACR MEETING? ☐ Yes ☐ No

ON WHICH DAYS WILL YOU ATTEND THE 1992 AACR ANNUAL MEETING?
☐ Wednesday, May 20 ☐ Thursday, May 21 ☐ Friday, May 22 ☐ Saturday, May 23

WILL YOU ATTEND THE ASCO MEETING IN SAN DIEGO? ☐ Yes ☐ No

ON WHICH DAYS WILL YOU ATTEND THE 1992 ASCO ANNUAL MEETING?
☐ Sunday, May 17 ☐ Monday, May 18 ☐ Tuesday, May 19

PAYMENT OF REGISTRATION

Fees may be paid by check or with a MasterCard, VISA, American Express, or Eurocard account. All payments must be made in U.S. currency, and all checks must be drawn on a U.S. bank. Payment must accompany this form; purchase orders will not be accepted as payment. Honorary and emeritus members may register gratis.

<table>
<thead>
<tr>
<th>FEES</th>
<th>On or Before</th>
<th>After</th>
<th>METHOD OF PAYMENT</th>
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</thead>
<tbody>
<tr>
<td>Active/Corresponding Member Rate</td>
<td>$ 80</td>
<td>$100</td>
<td>☐ Check payable to AACR, Inc. in U.S. currency, drawn on a U.S. bank</td>
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<tr>
<td>Honorary/Emeritus Member Rate</td>
<td>$ 0</td>
<td>$ 0</td>
<td></td>
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<tr>
<td>Nonmember Rate</td>
<td>$150</td>
<td>$170</td>
<td>Person/Institution Issuing Check</td>
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<tr>
<td>(includes a copy of AACR Proceedings)</td>
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<td>☐</td>
<td>Check No.</td>
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<td>Associate Member/Student Rate*</td>
<td>$ 35</td>
<td>$ 40</td>
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<td>☐</td>
</tr>
<tr>
<td>AACR Proceedings*</td>
<td>$ 25</td>
<td>$ 25</td>
<td>☐</td>
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<tr>
<td>Overseas Airmail Surcharge*</td>
<td>$ 22</td>
<td>N/A</td>
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<td>Workshop Application (additional form required)</td>
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<td>$ 50</td>
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<td>Total Enclosed or Charged</td>
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<td>Signature</td>
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THE DEADLINE FOR REDUCED REGISTRATION FEES IS MARCH 30, 1992. Registration by mail will be accepted until April 30. Registration will also be possible at the San Diego Convention Center from May 19-23.

*Students must enclose a statement, signed by the registrar, dean, or department head of their university or college on official letterhead, confirming their status. Postdoctoral fellows or physicians in training do not qualify for the student registration rate unless they are associate members of the AACR. An application for associate membership may accompany this form, but these should be submitted well before the March 30 deadline as review of the associate membership application may delay registration.

*AACR members with paid-up subscriptions to an AACR journal and registrants who pay the nonmember fee receive the Proceedings automatically. If these members or nonmembers check this box and pay the $25 fee, they will receive an additional copy of the Proceedings.

*Optional payment for registrants outside of the U.S. and Canada only. Registrants paying this surcharge will receive meeting publications via air mail-printed matter before the annual meeting.

Mail all advance registration forms with applicable fees to Annual Meeting Registration, American Association for Cancer Research, Inc., Public Ledger Building, 620 Chestnut Street, Suite 816, Philadelphia, PA 19106-3483. FAX: 215-440-9313. Badges and receipts will be sent to you in April or early May. AACR members in good standing will receive copies of the Program and Proceedings prior to the meeting. Nonmember and student registrants who meet the March 30 deadline will also receive the Program and (if they have purchased it) the Proceedings prior to the meeting. Nonmembers and students who do not meet the deadline must pick up publications at the meeting site.

REFUND POLICY

Refunds on registration fees will be granted on written request received in the AACR Office by May 13, 1992. Requests received after this date will not be honored. Receipts and badges (if they have been mailed) must be returned to the AACR Office with the refund request. A cancellation fee of $25 will be deducted from all refunds to cover administrative costs.

(This form may be reproduced.)
Keep up with the latest developments in

Cancer Research

The Official Journal of the American Association for Cancer Research

Carlo M. Croce, M.D., Editor-in-Chief

Subscribe to Cancer Research—the leading citation source of original studies in cancer research and cancer-related biomedical science. Issued semimonthly, Cancer Research publishes 7,000 pages of important research each year, including the following regular features:

- **The most up-to-date articles** in basic research and clinical and epidemiological investigations by authors from the United States and more than 20 countries
- **Perspectives in Cancer Research**, in which leading investigators explore contemporary and at times controversial topics
- **Advances in Brief**, a rapid communication category for short but definitive, highly significant reports
- **Supplemental issues** developed from symposia on relevant subjects
- **Proceedings of the American Association for Cancer Research**, a special annual issue that offers stimulating new research ideas in abstract form

Order Now!

- Yes, I want to keep up with the latest developments in Cancer Research. Enter my one-year subscription.

1992 Subscription Rates:

- Individual $350
- Institutional $350

Add $60 for delivery outside the US. Subscriptions payable in advance (in US currency or equivalent) to:

WAVERLY PRESS, INC./CANCER RESEARCH
428 East Preston Street / Baltimore, MD 21202

NAME

INSTITUTION

ADDRESS

CITY/STATE/ZIP

Allow 8 weeks for receipt of first issue.
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)  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/  Lanier No Problem
       MacWrite 2.2 (text)
Apple Macintosh Plus 800K Disc/  MASS-11 PC
       MacWrite 4.5 (text)
CPT 8000  Microsoft Word Macintosh
        (Versions 1–4) 400/800K
DEC WPS-8  Multimate
DEC Decmate II  PC Write
DEC Decmate III  PFS Professional Write
Display Write 3  Volkswriter 4.0
        Wordstar 2000

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. Authors are encouraged to submit electronic disks of their manuscripts along with the typed manuscript. 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 (if known): ______________________________________________
First author: __________________________________________________________________
Corresponding author (if different from first author): ____________________________
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SPECIAL SESSIONS

1992 AACR ANNUAL MEETING
May 20-23, 1992

Topics and Chairpersons of Plenary Sessions

Chemoprevention of Cancer
(Joint ACR/ASCO Plenary Session)
Michael B. Sporn, National Cancer Institute, Bethesda, MD

Innovative Tumor Immunology
Tak W. Mak, Ontario Cancer Institute, Toronto, Ontario, Canada

The Role of Cell Adhesion in Invasion and Metastasis
Erkki Ruoslahti, La Jolla Cancer Research Foundation, La Jolla, CA

Cell Cycle Control
David Beach, Cold Spring Harbor Laboratory, Cold Spring Harbor, NY

Topics and Chairpersons of Symposia

Molecular Approaches to Diagnosis and Patient Evaluation
Mark A. Israel, University of California, San Francisco, CA

p53 Tumor Suppressor Genes
Curtis C. Harris, National Cancer Institute, Bethesda, MD

Gene Expression and Chromatin Structure
William T. Garrard, UT Southwestern Medical Center, Dallas, TX

Genomic Instability and Cancer
Thea D. Tlsty, University of North Carolina, Chapel Hill, NC

Hereditary Predisposition to Cancer
Frederick P. Li, National Cancer Institute, Boston, MA

HIV-Associated Malignancies
Flossie Wong-Staal, University of California at San Diego, La Jolla, CA

Cytokines/Receptors
John Mendelsohn, Memorial Sloan-Kettering Cancer Center, New York, NY

Molecular Carcinogenesis
Saraswati Sukumar, Salk Institute for Biological Studies, La Jolla, CA

Drug Design/Discovery
Daniel D. Von Hoff, University of Texas Health Science Center, San Antonio, TX

Breast Cancer
Dennis J. Slamon, UCLA School of Medicine, Los Angeles, CA

Receptor Signalling/Transduction
Joseph Schlessinger, New York University, New York, NY

Molecular Genetics of Cancer
Eric J. Stanbridge, University of California, Irvine, CA

Programmed Cell Death (Apoptosis) in the Etiology and Therapy of Cancer
John T. Isaacs, Johns Hopkins Oncology Center, Baltimore, MD

Novel Chemotherapy
Judah M. Folkman, Harvard Medical School, Boston, MA

Workshop and Meet-the-Expert Sunrise Session Topics to be Announced
FROM RECENT ISSUES

Posttranscriptional Down-Regulation of Fibronectin in N-ras-transformed Cells
Lois A. Chandler and Suzanne Bourgeois

Platelet-derived Growth Factor Receptor Sequences Important for Binding of SRC Family Tyrosine Kinases
S. Courtneidge, R. Kypa, J. Cooper, A. Kazlauskas

Interaction of HIV-1 Rev Protein with Nuclear Scaffold NTPase Activity
G. Clauson, Y-L. Song, A. Schwartz, R. Shukla, S. Patel, L. Connor, L. Blankenship, C. Hutem, A. Kumar

Developmental Expression of the Embryonic Chicken Brain DNA Polymerase-alpha and Its Binding with Monoclonal Antibodies against Human KB Cell DNA Polymerase-alpha
S. Ray, T. Kelley, S. Campion, A-P. Seve, S. Basu

PKC Activation and Protooncogene Expression in Differentiation/Retrodifferentiation of Human U-937 Leukemia Cells

Release of H2O2 and Phosphorylation of 30 kDa Proteins as Early Responses of Cell-Cycle-Dependent Inhibition of DNA Synthesis by TGF-beta1
M. Shibamura, T. Kuroki, K. Nose

Research Capsules

Cyclins: Wheels within Wheels
J. Pines

Joints in the Regulatory Lattice: Composite Regulation by Steroid Receptor-API Complexes
J. Miner, M. Diamond, K. Yamamoto

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