EMPLOYMENT REGISTER OF THE AMERICAN ASSOCIATION FOR CANCER RESEARCH

The advertisements below were submitted by prospective candidates and employers in the AACR Employment Register by February 2, 1990 and were updated as of July 13, 1990. 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, Suite 816, 6th & Chestnut Sts., Philadelphia, PA 19106. 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 1990. They were also printed in the First Announcement of the Annual Meeting and in the December 1 (1989), December 15 (1989), and January 1 (1990) issues of Cancer Research.

POSITION LISTINGS

5001P Postdoctoral position. Conducts research on the mechanisms involved in the oxidation of chemical carcinogens by prostaglandin peroxidase and peroxyl radicals. Available spring 1990. Salary at entry-level from $25,000 to $28,000. Contact Dr. Thomas E. Elng, National Institute of Environmental Sciences, Research Triangle Park, NC 27709. (919)541-3911 or FAX (919)541-7880.

5002P Postdoctoral position. Conducts research on eicosanoid biosynthesis and the oxidation of inorganic acid to peroxyl and peroxy radicals and negative signals necessary for cells to respond to growth factors such as epidermal growth factor. Molecular Biology of prostaglandin 4 synthase. Contact Dr. Thomas E. Elng, National Institute of Environmental Sciences, P.O. Box 12233, Research Triangle Park, NC 27709. (919)541-3911 or FAX (919)541-7880.

5004P Seeking a Ph.D.-level immunologist with a strong background in tumor immunology to direct the cancer research laboratory. Monitoring reactivity to biologic response modifiers as well as developing murine tumor models for these modifiers. Available March/April 1990. Salary negotiable. Contact Dr. Marc K. Wallace, Mount Sinai Medical Center, Miami Beach, FL.


5010P Postdoctoral position available for studies involving the interaction of TGFβ, retinoids, and nuclear retinoid receptors, the control of epithelial cell growth and differentiation. Experience in cell culture and molecular biology desired. Send curriculum vitae and names of three references to: Dr. Richard M. Niles, Dept. of Biochemistry, Boston Univ. Sch. of Med., Boston, MA.

5011P Senior Research Immunologist: This position entails basic mechanistic studies of anti-tumor and anti-viral immune responses, in vitro and in vivo, with the intention to identify novel targets and therapies.

Applicants must have a Ph.D. in immunology with 2-5 years postdoctoral training. Experience regarding the regulation of lymphocyte surface antigen/receptor expression and function at the molecular or cellular level would be desirable. The successful candidate will be expected to establish an independent and collaborative-type research effort in basic immunology/ virology. Send CV and names of three references to Dr. T. W. Russell, Dow Research Institute, Cincinnati, OH 45215.

5102P Postdoc./Res. Assoc. to study regulation of hepatic toxicity as related to multistage chemical carcinogenesis and independent res. on expression/activation of oncogenes, tumor suppressor genes, and growth factors (EGF, TGFβ) and their receptors and signal transduction pathways. Exp. in in vitro culture systems. Contact Robert L. Schwartz or Dr. Scott Wadler, Dept. of Oncology, Albert Einstein Cancer Center, 111 East 21st St., Bronx, NY 10467.

5103P Postdoctoral Position: Biochemical and molecular pharmacology, Ph.D. or M.D. to study the interaction of interferon with cancer chemotherapy and differentiation-inducing agents. Available immediately negotiable. Contact Dr. Jeffrey L. Peterson, Dr. L. Schwartz or Dr. Scott Wadler, Dept. of Oncology, Albert Einstein Cancer Center, 111 East 21st St., Bronx, NY 10467.

5104P Research Scientists in Molecular Carcinogenesis. Postdoctoral research on the role of specific DNA lesions in mutation, chromosomal aberration, and oncogene activation, using a synthetic DNA target sequence. Available immediately. $20,000-$24,000. Contact Dr. Steven R. Patazioni, Dept. of Pharmacology, The George Washington University Medical Center, 2300 Eye Street N.W., Washington, D.C. 20052. The George Washington University is an EO/AA Employer.

5105P Asst. Prof. (Tenure Track) in Molecular Pharmacology. Applicants should have Ph.D. with two or more years research experi- ence in molecular biology. Applicant expected to be able to attract research funding and be able to conduct independent research. Position available immediately. Salary $35,000-$40,000. Contact Dr. F.-L. Huang, Division of Chemical Carcinogenesis, American Health Foundation, 1 Dana Road, Valhalla, NY 10595. (914) 596-2690. Ext. 385.

5107P Research Fellow in Oncology Research/Cancer Pharmacology Laboratory. Conduct independent research on mechanisms of novel protease inhibitors and other potential antitumor agents, including oral, parenteral, or topical agents. Salary $30,000-$32,000. Contact Dr. M. A. M. Amir, Chairman, Division of Developmental Oncology Research, Mayo Clinic, Rochester, MN 55905.

5118P Research Fellow in Oncology Research/Cancer Pharmacology Program. Conduct independent research on preclinical and clinical evaluation of new agents (pharmacokinetics, drug mechanism, metabolism, action). Avail. summer 1990. $25,000-$35,000. Contact Dr. M. M. Ames, Chairman, Division of Developmental Oncology Research, Mayo Clinic, Rochester, MN 55905.

5198P Research Fellow in Oncology Research/Cancer Pharmacology Program. Conduct independent research on preclinical and clinical evaluation of new agents (pharmacokinetics, drug mechanism, metabolism, action). Avail. summer 1990. $23,000-$28,000. Contact Dr. M. M. Ames, Chairman, Division of Developmental Oncology Research, Mayo Clinic, Rochester, MN 55905.

5208P Research Fellowships in Cancer Research, Ph.D. or M.D. Conduct research on the cellular and molecular biology of cancer in a variety of projects including studies on signal-transduction, oncogenes and transcriptional regulation. Available immediately. Salary range: $18,000-$25,000. Contact Dr. Karl J. W. Waisel or Dr. Larry Daniel, Department of Biochemistry, Wake Forest University Cancer Center, Winston-Salem, NC 27103. (919)716-3423. FAX (919)716-4204. An Equal Opportunity/Affirmative Action Institution.

5213P Postdoctoral Fellowship Position #61637-5. Set up in vivo models of metastatic tumors and evaluate experimental agents in those models. Investigate the biochemistry, parameters of tumors relevant to chemotherapy. One year of exp. in creating in vivo models of metastatic tumors and evaluation of chemotherapeutic agents on the models. Contact Bob Ferone, Dept. of Mol. Genetics and Microbiology, Burroughs Wellcome Co., 3030 Cornwallis Road, Research Triangle Park, NC 27709.

5247P Postdoc./Research Associate. Conduct research in (1) cloning and characterization of tumor suppressor genes, (2) role of cell shape and structure in regulation of gene expression, and (3) characterization of loss tumor suppressor genes in transgenic mouse models. Available immediately. $25,000-$35,000. Contact Dr. Carl Barrett, National Institute of Environmental Health Sciences, MD D2-04. P.O. Box 12233, Research Triangle Park, NC 27709.

5253P Medical Staff Fellow. Conduct research on the molecular alterations, particularly tumor suppressor genes, in hormonally influenced human cancers (breast, ovarian, endometrial, etc.). M.D. degree/On- cology. Salary negotiable. Contact Dr. Carl Barrett, National Institute of Environmental Health Sciences, MD D2-04. P.O. Box 12233, Research Triangle Park, NC 27709.

5259P Medical Staff Fellow. Conduct research on the molecular alterations, particularly tumor suppressor genes, in hormonally influenced human cancers (breast, ovarian, endometrial, etc.). M.D. degree/On- cology. Salary negotiable. Contact Bob Ferone, Dept. of Mol. Genetics and Microbiology, Burroughs Wellcome Co., 3030 Cornwallis Road, Research Triangle Park, NC 27709.


5267P Postdoctoral fellow, Ph.D., in Molecular Biol- ogy or related with experience in glycoprotein purification will characterize and purify novel hematopoietic colony-stimulating factors and perform in vitro clonogenic assays. Avail. immediately. $21,000-$26,000. Contact Dr. M. J. Murphy, Jr., Hippie Cancer Research Center, Dayton, OH 45439-2092.

5268P Asst. Prof., Ph.D., or equiv., in Medicine/En- docrinology. Develop and introduce a molecular biol- ogy approach into an existing multidisciplinary re- search on hormones and cancer currently supported by an NIH-funded program project grant. Independent research preferably within the scope of the PPG en-
ment. Research at the molecular level in Cell Biology, Genetics or Pharmacology. 7/90. Women & Minority applicants are encouraged to apply. Submit to: Dr. Hemmings, 840 South Euclid Avenue, St. Louis, MO 63110.

5042P Postdoctoral Fellowships. The Eppey Institute at the University of Nebraska Medical Center, one of 15 National Cancer Institute-designated Laboratory Cancer Centers, invites applications from veterinarians to continue research opportunities in the areas of cancer, cellular, and molecular biology. Funds are available through an NIH training grant and other grants. For complete information contact: 101 Nebraska Medical Center, Omaha, NE 68198.

5043P Asst. Prof. (tenure track) with expertise in Mol. Biol. & biochemistry to join a research group interested in studies of cytokines and coagulation. Conduct independent research in collaboration with others. Mentor graduate students. Submit CV and letter of application to Dr. P. Brodt, Dept. of Surgical Research, McGill University, Montreal, PQ Canada. 8/6.

5044P Asst./Assoc. Prof. (tenure track) in Medical Oncology. 2/3 time available to develop investigative program. Available July 1990. Salary negotiable. Contact Allan Lipton, M.D., Chief, Division of Medical Oncology, Hershey Medical Center, Hershey, PA 17033. Tel: (717)531-9677.

5045P Asst. Medical Oncologist. Prove valuable consultative and attending services in Oncology. Must show evidence of skill in clinical care and teaching. Available immediately. Salary competitive. Contact Dr. Clara D. Bloomfield, Head, Department of Medicine, Roswell Park Cancer Institute, Elm & Carlton Sts., Buffalo, NY 14263. 716/845-3300.

5033P Medical Oncologist. Asst./Assoc. Prof. Provide consultative and attending services in Oncology; teach students and supervise residents and fellows; develop/continue strong Oncology research program. Must be Board Certified in Internal Medicine and Board Eligible or Certified in Medical Oncology; possess skill in teaching and clinical activities and ability to conduct a recognized research program. Available immediately. Salary competitive. Contact Dr. Clara D. Bloomfield, Head, Department of Medicine, Roswell Park Cancer Institute, Elm & Carlton Sts., Buffalo, NY 14263. 716/845-3300.

5038P Pediatric Hematologist—Full-time faculty position available at assistant professor level for medical Ob/Gyn with board certification in medical Ob/Gyn. Responsible for clinical Hem./Ob/Gyn duties with emphasis on pediatric bone marrow transplantation service and for development of research in this area. Send CV to John A. Ziaia, M.D., Div. of Pediatrics, City of Hope National Medical Center, Duarte, CA 91010.

5039P G.I. cancer research lab seeks research scientist for studies concerning tumor-associated antigens: immune response, molecular mech. of synthesis/expression, and immune function. Background in molecular biology preferred. Available September 1. Submit CV and references to Contact Dr. S. Itoizkowski, Gil Div., Box 1069, Mt. Sinai Hospital, New York, NY 10029.

5040P A. Weck Cook Professorship in Tumor Pathophysiology. School/Medical School, General Hospital, to conduct independent research in the general area of tumor pathophysiology and to direct the Steele Laboratory for Tumor Biology including the S. B. Kohn laboratory. (Salary range: $30,000 to $50,000.) Available late fall. Submit CV and references to Contact Dr. S. B. Kohn, Inst., 1150 E. 60th St., Chicago, IL 60637.

5041P Assistant or Associate Professor Levels, tenure tracks for physicians trained in Hematology/Onco-logy: in Cancer Control/Outreach, Clinical Exper-imental Therapeutics, Research at the molecular level in Cell Biology, Genetics or Pharmacology. 7/90. Women & Minority applicants are encouraged to apply. Submit to: Dr. Hemmings, 840 South Euclid Avenue, St. Louis, MO 63110.

5029P Postdoc. Assoc., Ph.D. or equiv. in Medicine/Endocrinology. Perform and interpret experiments relating to islet cells and exocrine pancreas; design and execute research projects related to exocrine pancreas and islet cells; independently, specifically, interaction between polyamines and autocrine/paracrine factors affecting growth. Major emphasis on polyamine involvement in signal transduction. Contact A. Manni, Ph.D., 505 State Univ. P.O. Box 850, Hershey, PA 17033.

5030P Asst. Prof. in Biochemical/Molecular Toxicology. Develop and continue research program on effects of inorganic and organic xenobiotics on cell types capable of malignant transformation. Available immediately. Salary competitive. Contact Dr. J. A. Manni, State Univ., P.O. Box 850, Hershey, PA 17033.

5031P Medical Oncology Fellows: further develop clinical expertise. Emphasis on chemotherapy, support care and interdisciplinary consultation; conduct clinical or bench science research under tutelage of Department faculty. Publications/presentations expected. Completion of approved U.S. or Canadian residency program and eligibility for New York State license required. Positions available for 7/90 and 7/ 91. Salary $34,788 (’90). Contact Ellis G. Levine, M.D., Director of Fellow Recruitment, Department of Medicine, Roswell Park Cancer Institute, Elm and Carlton Sts., Buffalo, NY 14263. 716/845-3300.

5033P Asst./Assoc. Prof., Medical Oncologist/Clinical Pharmacologist. Seeking medical oncologist with interest in medical and clinical phases of anticancer drugs. Attending and teaching responsibilities as well as involvement in Phase I & II studies of anticancer agents. Must be Board Certified in Internal Medicine and Board Eligible or Certified in Medical Oncology; possess skill in teaching and clinical activities and ability to conduct a recognized research program. Available immediately. Salary competitive. Contact Dr. Clara D. Bloomfield, Head, Department of Medicine, Roswell Park Cancer Institute, Elm & Carlton Sts., Buffalo, NY 14263. 716/845-3300.

5038P Pediatric Hematologist—Full-time faculty position available at assistant professor level for medical Ob/Gyn with board certification in medical Ob/Gyn. Responsible for clinical Hem./Ob/Gyn duties with emphasis on pediatric bone marrow transplantation service and for development of research in this area. Send CV to John A. Ziaia, M.D., Div. of Pediatrics, City of Hope National Medical Center, Duarte, CA 91010.

5039P G.I. cancer research lab seeks research scientist for studies concerning tumor-associated antigens: immune response, molecular mech. of synthesis/expression, and immune function. Background in molecular biology preferred. Available September 1. Submit CV and references to Contact Dr. S. Itoizkowski, Gil Div., Box 1069, Mt. Sinai Hospital, New York, NY 10029.

5040P A. Weck Cook Professorship in Tumor Pathophysiology. School/Medical School, General Hospital, to conduct independent research in the general area of tumor pathophysiology and to direct the Steele Laboratory for Tumor Biology including the S. B. Kohn laboratory. (Salary range: $30,000 to $50,000.) Available late fall. Submit CV and references to Contact Dr. S. B. Kohn, Inst., 1150 E. 60th St., Chicago, IL 60637.
EMPLOYMENT REGISTER

Adm. Med. Ctr. and Dept. of Lab Medicine and Pathology, Univ. of Minnesota, Minneapolis, MN. (612)725-2000, Ext. 4587 or 4529

5086P Imaginative, bright, ambitious, licensed physician, BC/BE, in any discipline, to help in medical, research and patient care. Straddling the interface of academics, government and industry assures interaction with inventors, engineers, computer scientists, entrepreneurs and high level executives. New technologies and handling some of the top engineers are assembling a unique opportunity. Positions available. 100%, 3-year research commitment; share responsibility for planning and executing basic and/or clinical research. Salary is inadequate for taking an additional, supplementary compensation for excellence and results assured.

5089P Postdoctoral fellow, Ph.D. in Biochemistry. Chemistry or related field. To join a multidisciplinary team working on N-nitosamine carcinogenesis. Experience in cell culture or organic synthesis is desirable. Avail. June 1979, $20,000-30,000. Contact A. Castonguay, School of Pharmacy, Laval University, Quebec City, Canada 1K1 7P4.

5071P Research Pharmacologist/Molecular Biologist. Department of Medicine. Assistant research scientist position available in the Cancer Center, University of California, San Diego to study mechanisms of resistance to cancer drugs. Ph.D. in the biological sciences required. Experience in biochemical and molecular pharmacology technology. Please address letter to Stephen B. Howard, M.D., T-012, UCSD, La Jolla, CA 92030


5075P Postdoctoral Scientist in Health Promotion Research in medical oncology with major emphasis on breast cancer. Conduct clinical investigations with new drugs, biologicals and combined modality therapies. Very large patient population. Also responsibilities in teaching and direct patient care/consultations.

5076P The University of Louisville, Department of Medicine, Division of Medical Oncology/Hematology is seeking a faculty member at the Asst. Prof. level. Must have A.B.I.M.; subspecialty boards preferred. This is a full time tenured track position. Preference will be given to candidates with strong research interest. Please send your curriculum vitae and research statement to: R. Redinger, M.D., Prof. & Act. Chairman, Dept. of Med., Univ. of Lou., Lou., KY. 40292. EEO/AA

5079P POSTDOCTORAL POSITION. We are seeking an individual with documented training in tumor cell biology to join a program designed to evaluate the prognostic and predictive value of intratumor cellular heterogeneity. Specifically, we are interested in using employing immunohistochemistry, immunocytochemistry, flow cytometry, cell sorting and assay by growth in nude rodents of the tumor-forming potential of specific cell types from individual and/or human tumors. Experience in quantitation of in situ hybridization by fluorescent probes desirable. Starting date negotiable but preferably 1980. Contact Dr. Beth H. Casto, Box 509, Hillview Dr., Palo Alto, CA 94304.

5090P Postdoctoral Fellowships available in re- search on cell-specific biochemical carcinogenesis, in- halation toxicology, neurotoxicology and reproductive/ developmental toxicology. Appointments are for 2 years, further training is provided, and collaborative projects are encouraged. Available on basic research in toxicity and application to human risk assessment. Ph.D., D.V.M., or M.D. required. Contact W. K. Silber, CIB, P.O. Box 12137, RTP, NC 27709.

5091P Postdoctoral position available immediately for analysis of mutations induced by anticancer compounds in mammalian cells, and identification of premetagene lesions. 2. Gene-specific DNA damage and altered gene expression induced by anticancer compounds in resistant cell lines. NIH training grant; U.S. citizen required. $20-25K.

5092P Postdoctoral position in Immunopathology-Oncology. CONduct clinical research on pathological-immunological mechanisms of tumor cell immunity in cancer patients in breast cancer. Available 7/1/80; $25,000-$30,000. Contact Dr. Craig Aird, Department of Pathology, or Dr. William McGuire, Division of Oncology, University of Texas Health Science Center at San Antonio, San Antonio, Texas 78284.

5093P Postdoctoral position available immediately to study the biochemical pharmacology of novel platin-um-based anticancer agents. Experience in pharmacokinetic/pharmacodynamic techniques and/or background in drug resistance is desirable. Applicants with recent Ph.D. in biochemistry, pharmacology or related discipline should write to: Dr. K. Sidik, Medical Oncology, M.D. Anderson Cancer Center, Box 52, 1515 Holcombe Blvd., Houston, TX 77096.


5098P Postdoctoral Position. Available immediately. Study molecular mechanisms of cell transformation in tumor suppressor genes. Experience with drug gene acti- vation, gene cloning and other DNA technologies. Excellent salary ($25,000 to $28,000) and benefits. Send CV with statement to: Dr. Bruce Cato, E.R. Squibb & Sons, P.O. Box 12199, Research Triangle Park, NC 27709.


5102P Postdoctoral, 1-2 year position in Cancer Re- search. Develop methods for intracellular genomic analysis, in particular, by DNA reacting compounds with the goal of identifying biologically important al- kylating loci. Studies will involve cell biology, mol- ecular biology, and fluorescence based histochemistry. Available May 1980. RFP: Contact the University of Calif- BA, Corporate Employment, Kalamazoo, MI 49001 or FAX (616) 329-5525.

5103P Senior scientist with PhD in Molecular Bio- chemistry or Biochemistry to study mecha- nisms of tumor cell differentiation and/or drug resist- ance. Post doc experience required. Available imme-
EMPLOYMENT REGISTER

5104P Cell Technology Inc., a Boulder, Colorado-based biotechnology firm specializing in the development of biological response modifier technology, has an immediate opening for a Ph.D., M.D., or DVM. Recent training program in immunology or related field. Salary negotiable. Bright and innovative environment. A great opportunity for a career in technology and science. Available Sept. 1990. Salary negotiable. Contact: Dr. T.M. Penning, Department of Pharmacology, University of Pennsylvania, Sch. of Medicine, Philadelphia, PA 19104-6084.


5125P Positions open in the Dept. of Immunopho- tobiology to conduct research on mechanism(s) of novel drug action in Leukemia and in breast cancer. Experience in molecular biology, biochemistry and/or enzymeology is required. Available: June 1991. Salary $19,000–$32,000. Excellent benefits. Contact: Dr. K. Giuliani, 1980 Immunology, Baylor Univ. Medical Ctr., Baylor Research Foundation, Dallas, TX 75226.

5121P Clinical & Research fellowship in Cytogenet- ics & Cancer Genetics. Previous training in Molecular Biology or Cytogenetics. Willing to continue board certified in clinical cytogenetics and conduct research in cancer genetics. Available: July 1990. Salary $30,000. Excellent benefits. Contact: Dr. T.M. Penning, Department of Pharmacology, University of Pennsylvania, Sch. of Medicine, Philadelphia, PA 19104-6084.

5112P Experienced molecular biologist. Best opportun- ity to combine modern molecular biology technology and classical experimental embryology techniques to study mechanisms and functions of adhesion molecules in pattern formation using gene expression. Also to study transcriptional control of adhesion molecules. Experience in in situ hybridization is a plus. Excellent opportunity for career advancement. Excellent opportunity for molecular biologist who is looking for a biological system. Pay: $22,000–$30,000 annually depending on qualifica- tions. Available: Sept. 1990. Salary negotiable. Contact: Dr. J. Prud’Homme, Department of Developmental Biology, Johns Hopkins University, Baltimore, MD 21205.

5113P Postdoctoral Fellowship to investigate the role of oncogenes and Growth Factor Genes in hepatocarci- nomas. Molec. Biol. skills preferred but not re- quired. $17–21,000 Contact: Dr. Stephen Strom, Box 662, Dept. of Pathology Medical College of Virginia, Richmond, VA 23298.

CANDIDATE LISTINGS

7010C Ph.D., 1988, Genetic/Biochemical Toxicology, Nutrition. Carcinogenesis, tissue culture, molecular biology. Available immediately. Salary negotiable. Contact: Dr. J. Prud’Homme, Department of Developmental Biology, Johns Hopkins University, Baltimore, MD 21205.
EMPLOYMENT REGISTER


30E Ph.D. 1980. Biochemistry; Postdoctoral research on polypeptide-DNA interaction, DNA topoisomerases and tumor cell resistance to alkylating agents; presently interested in the preferential repair of transcription-associated DNA damage and the role of enzymes in resistance to alkylating agents. A grant application submitted to NIH/American Cancer Society currently pending; cell culture, Molecular Biology techniques; seeks a tenure track faculty position in a NIH-oriented program. Aval. 30C, 30E.


30C Ph.D. 1984, Cell Biology; cell culture, surface receptors, protein chemistry incl. ion-exchange and affinity chromatography. HPLC/FPCL, DNA and PCR technology, histochemistry, biochemistry, cytogenetics. Teach. Exp. 3 yrs. (full time), postdoc. 4 yrs. Seek indus./acad. position. Available June 1990. Salary negotiable.


31C Ph.D., 1987. Broadly trained Immunology; Virology; Urology; Mol. Biol.; Infectious Disease. Set up and created immunotherapy clinical and scientific program, lymphokine therapy, LAK and TIL cellular therapy program. Program direction and administration experience. Seeks advancement and development and developing successful program. Seeks indus/biotech position with aspects of program direction, opportunity for advancement. May consider government/academic agencies. Preference for central or eastern location with salary comparable to current.


31C Ph.D., 1985; Biochemistry; Pharmacology; Anticancer Drugs: animal tumor models, biochemical mechanisms of drug action and resistance, PCR. In vivo: tumor therapy, toxicity, pharmacokinetics. In vitro: drug cytotoxicity, metabolism, transport, binding. Animal handling, tissue culture, HPLC, radiolabeling. Preferably immediately; Northeast; Research Scientist or Faculty. Salary negotiable.


31C Ph.D. 1980. A position in research and development. Anticancer drug metabolism and mechanism of action. Experience in synthesis and characterization of new compounds and also adducts formed with carcinogens and DNA
bases. Studied the oxidative damage of DNA and RNA bases due to different classes of chemicals as well as radiation. Developing new radio-protectors and antioxidants. NY, NJ area preferred.

851C Experience in Enzymology, Basic Mol. Biol. Techniques, Tissue culture exp. etc.

852C Ph.D., 1986. Cell/Molec. Biol; research areas: developmental biol. and cancer biol.; Techniques; antibody prod. (monoclonals and polyclonals); molec. biol. (PCR, library constr. DNA sequencing, etc.); protein purification; immunocytochem.; tissue culture; EM and LM. Postdoc-3 years; Teach. exp.-med. and undergrad; Seek acad./indus. research position. Avail. Oct. 1990. Salary negotiable.


AMERICAN ASSOCIATION FOR CANCER RESEARCH

1991 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 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 candidates and positions 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 1991. Registration forms for the 1991 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 1/2” 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 in nonprofit or governmental organizations,
   b. $125 from nonmembers in nonprofit or governmental organizations,
   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.
6. Forms should be submitted by January 25, 1991, to ensure publication of listings in the Proceedings. However, position listing forms will continue to be accepted in the Association Office until April 22, 1991. After that date forms should be submitted at the annual meeting.
7. Mail all candidate registration forms to:
   Employment Register
   American Association for Cancer Research, Inc.
   Public Ledger Building, Suite 816
   6th & Chestnut Streets
   Philadelphia, PA 19106

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 1/2” 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 in nonprofit or governmental organizations,
   b. $125 from nonmembers in nonprofit or governmental organizations,
   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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7. Mail all position listing forms to:
   Employment Register
   American Association for Cancer Research, Inc.
   Public Ledger Building, Suite 816
   6th & Chestnut Streets
   Philadelphia, PA 19106

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 15-17, from 8:00 a.m. to 5:00 p.m., and Saturday, May 18, from 9:00 a.m. to 3:00 p.m. Each candidate and employer will receive an identification number. Registrants who submit their forms and fees by April 22, 1991, will receive an acknowledgment card which contains their identification number.

PUBLICATION OF LISTINGS

Short advertisements describing each candidate and position listing will be published in Volume 32 (1991) of the Proceedings of the American Association for Cancer Research and in the September 1, and December 1, 1991, 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 job 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 25, 1991, 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, 1991, for the September issue, and by October 1, 1991, 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)
____ Biochemistry & Biophysics  ____ Biostatistics  ____ Carcinogenesis  ____ Cellular Biology & Genetics  ____ Clinical Investigations
____ Endocrinology  ____ Epidemiology  ____ Immunology  ____ Molecular Biology & Genetics
____ Preclinical Pharmacology & Experimental Therapeutics  ____ Virology  ____ Other: ________________________________  (please specify)

EMployer’s Representative(s)

Name(s) and Title(s)
Institution
Address
Telephone

AVAILABILITY FOR INTERVIEWS AT AACR ANNUAL MEETING
I ____ plan ___ do not plan to attend the AACR Annual Meeting in Houston. Dates available for interviews:
____ May 15  ____ May 16  ____ May 17  ____ May 18

ADVERTISEMENT (Please type a short description of the position in the box below. If received by January 25, 1991, your advertisement will be printed in the 1991 Proceedings. All advertisements will appear in the September 1. and December 1, 1991, issues of Cancer Research.)

Candidate I. D. Number ____________________________  (office use only)

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: ____________________________ M.I. ______ AACR Member Number

Last First

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)

___ Biochemistry & Biophysics ___ Biostatistics ___ Carcinogenesis ___ Cellular Biology & Genetics ___ Clinical Investigations

___ Endocrinology ___ Epidemiology ___ Immunology ___ Molecular Biology & Genetics

___ Preclinical Pharmacology & Experimental Therapeutics ___ Virology ___ Other: ____________________________ (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 25, 1991, your advertisement will be printed in the 1991 Proceedings. All advertisements will appear in the September 1, and December 1, 1991, issues of Cancer Research. DO NOT GIVE YOUR NAME OR ADDRESS; the AACR will assign identification numbers to each advertisement.)


(over)
Name ____________________________  Candidate I. D. Number ____________________________ (office use only)

ACADEMIC TRAINING
College or University  From/To  Major  Minor  Degree(s)
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

________________________________________________________________________

POSITIONS HELD (List in chronological order, current position first)
Employer  From/To  Position/Nature of Duties
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

________________________________________________________________________

PUBLICATIONS (List five most recent; include titles and co-authors)
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

OTHER (List specific areas of expertise, professional societies, honors, etc.)
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

REFERENCES (Give name and business address)
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

AVAILABILITY FOR INTERVIEWS AT AACR ANNUAL MEETING
I ___ plan ___ do not plan to attend the AACR Annual Meeting in Houston.
Dates available for interviews: ___ May 15 ___ May 16 ___ May 17 ___ May 18

(This form may be reproduced)
QUALIFICATIONS FOR MEMBERSHIP

An associate member is an active graduate student, medical student, postdoctoral student, professional, or individual with a current affiliation with the American Association for Cancer Research 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 co-signs 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. an optional subscription to the journal Cancer Research 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
Suite 816
6th & Chestnut Streets
Philadelphia, PA 19106
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 1991 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 1990 for the forthcoming annual meeting must have paid dues for 1990. Any newly elected associate members of AACR who have already purchased subscriptions to Cancer Research 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 that year. 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 1990 may retain associate membership until December 31, 1994. The Board of Directors may terminate the membership of an associate member whose dues are in arrears for two years.

Margaret Foti,
Executive Director
AMERICAN ASSOCIATION FOR CANCER RESEARCH, INC.
Public Ledger Building
Suite 816
6th & Chestnut Streets
Philadelphia, PA 19106

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:

□ 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.)

1210
**AMERICAN ASSOCIATION FOR CANCER RESEARCH**

**EIGHTY-SECOND ANNUAL MEETING**

May 15–18, 1991
George R. Brown Convention Center
Houston, Texas

**ADVANCE REGISTRATION FORM**

(please print or type)

<table>
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<th>NAME:</th>
<th>First/Middle Initial</th>
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<td>Institution</td>
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<td>Country (if not U.S.)</td>
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☐ 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):

- ☐ Biochemistry and Biophysics
- ☐ Biostatistics
- ☐ Carcinogenesis
- ☐ Cellular Biology & Genetics
- ☐ Clinical Investigations
- ☐ Endocrinology
- ☐ Epidemiology
- ☐ Immunology
- ☐ Molecular Biology
- ☐ Preclinical Pharmacology & Experimental Therapeutics
- ☐ Virology
- ☐ Other

☐ Yes ☐ No

**ON WHICH DAYS WILL YOU ATTEND THE 1991 AACR ANNUAL MEETING?**

☐ Wednesday, May 15 ☐ Thursday, May 16 ☐ Friday, May 17 ☐ Saturday, May 18

**WILL YOU ATTEND THE ASCO MEETING IN HOUSTON?**

☐ YES ☐ No

**ON WHICH DAYS WILL YOU ATTEND THE 1991 ASCO ANNUAL MEETING?**

☐ Sunday, May 19 ☐ Monday, May 20 ☐ Tuesday, May 21

**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>METHOD OF PAYMENT</th>
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<tr>
<td>☐ Active/Corresponding Member Rate $ 75</td>
<td>☐ Check payable to AACR, Inc., in U.S. currency, drawn on a U.S. bank</td>
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<td>☐ Honorary Emeritus Member Rate $ 0</td>
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<td>☐ Nonmember Rate $140</td>
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<td>(includes a copy of AACR Proceedings)</td>
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<td>☐ Associate Member/Student Rate* $35</td>
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<td>(does not include a copy of AACR Proceedings)</td>
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<td>☐ AACR Proceedings† $25</td>
<td>☐ MasterCard ☐ VISA ☐ American Express ☐ Eurocard</td>
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<td>☐ Overseas Airmail Surcharge‡ $22</td>
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<td>Total Enclosed or Charged</td>
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**THE DEADLINE FOR ADVANCE REGISTRATION IS MARCH 22, 1991**

*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 advance registration deadline as review of the associate membership application may delay registration.

† AACR members with paid-up subscriptions to an AACR journal receive the Proceedings automatically. Members who check this box and pay the $25 fee 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 Bldg., Suite 816, 6th & Chestnut Streets, Philadelphia, PA 19106. Receipts will be sent to you in April. AACR members in good standing will receive copies of the Program and Proceedings prior to the meeting. Nonmember and student advance registrants residing in the U.S. and Canada will also receive the Program before the meeting and (if they have purchased it) the Proceedings. Please note that nonmember registrants receive a copy of the Proceedings automatically, but if students are to receive a copy of this document before the meeting, it must be purchased at the time of advance registration.

**REFUND POLICY**

Refunds on registration fees will be granted on written request received in the AACR Office by May 8, 1991. 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. Proceedings are not returnable, and an additional $25 will be deducted from refunds to nonmembers and students if this document has already been mailed.

(This form may be reproduced.)
Membrane Transport in Multidrug Resistance, Development, and Disease
(co-sponsored by the National Cancer Institute of Canada)

March 10-14, 1991
Banff Centre, Banff, Alberta, Canada

SCIENTIFIC PROGRAM

The Future of Medical Genetics
VICTOR LING / Toronto, Canada
LOUIS SIMINOVITCH / Toronto, Canada

Phosphorylation and Signal Transduction
I. BERNARD WEINSTEIN / New York, NY
DAVID L. GARBERS / Nashville, TN
RANDALL R. REED / Baltimore, MD

Membrane Pumps and Channels
WILLIAM T. BECK / Memphis, TN
WILLIAM A. CATERALL / Seattle, WA
HARVEY F. LODISH / Cambridge, MA
REINHART A. F. RETHMEIER / Toronto, Canada

Multidrug Resistance
SUSAN B. HORWITZ / Bronx, NY
IGOR B. RONINSON / Chicago, IL
TAKASHI TSURUO / Tokyo, Japan
MICHAEL M. GOTTESMAN / Bethesda, MD
BRUCE A. CHABNER / Bethesda, MD

The Cystic Fibrosis Gene and its Product
RICHARD BOUCHER / Chapel Hill, NC
LAP-CHEE TSUI / Toronto, Canada
MICHAEL J. WELSH / Iowa City, IA
JOHN R. RIORDAN / Toronto, Canada

P-Glycoprotein Homologs and Development
PHILIPPE GROS / Montreal, Canada
PIET BORST / Amsterdam, Netherland
JEREMY THORNER / Berkeley, CA
JAMES M. CROOP / Boston, MA
ALAN COWMAN / Melbourne, Australia

Metabolite and Drug Transport
ALAN R. P. PATERSON / Edmonton, Canada
CAROL E. CASS / Edmonton, Canada
I. DAVID GOLDMAN / Richmond, VA
STEPHEN B. HOWELL / La Jolla, CA
SHIMON SCHULDINER / Jerusalem, Israel

Permease Systems in Bacteria and Eukaryotes
ERNEST M. WRIGHT / Los Angeles, CA
GIOVANNA F.-L. AMES / Berkeley, CA
H. RONALD KABACK / Los Angeles, CA

Information and Application Forms
American Association for Cancer Research
Public Ledger Building, Suite 816
Sixth and Chestnut Streets
Philadelphia, PA 19106
215-440-9300  215-440-9313 (FAX)

Application Deadline:
December 3, 1990

Late applications will be accepted on a space-available basis.
CELL GROWTH & DIFFERENTIATION
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FROM RECENT ISSUES

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   R. Hazan, B. Margolis, M. Dombalagian, A. Ullrich, A. Zilberstein, and J. Schlessinger

C127 Cells Resistant to Transformation by Tyrosine Protein Kinase Oncogenes
   A. Cuadrado, N. Talbot, and M. Barbacid

Developmental Expression of the Xenopus laevis fos Protooncogene
   M. S. Kindy and I. M. Verma

NGF-induced Differentiation of Human Neuroblastoma and Neuroepithelioma Cell Lines
   J. Chen, G. Venkatakrishnan, B. Chattopadhyay, and A. H. Ross

Regulation of the Multidrug Resistance Gene in Regenerating Rat Liver
   P. A. Marino, I. Pastan, and M. M. Gottesman

Transforming Growth Factor-beta 1 in Liver Carcinogenesis: Messenger RNA Expression and Growth Effects
   L. Braun, R. Mikumo, P. Gruppuso, and N. Rausto

Research Capsules

Transcriptional Activators in Hepatocytes
   P. F. Johnson

Chromosome Translocations in Human Cancer
   J. R. Testa

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AACR SPECIAL CONFERENCE IN CANCER RESEARCH

Developmental Genetics of Childhood Cancer
February 8–11, 1991
Catamaran Resort Hotel, San Diego, California

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

CONFERENCE CHAIRPERSON
ALFRED G. KNUDSON, JR./Philadelphia, PA

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SCIENTIFIC PROGRAM

Keynote Address
ALFRED G. KNUDSON, JR./Philadelphia, PA

Regulation of the Cell Cycle
IRA HERSKOWITZ/San Francisco, CA
LELAND H. HARTWELL/Seattle, WA
GEORGE F. VANDE WOUDE/Frederick, MD
JEAN Y. J. WANG/La Jolla, CA

Concepts of Development and Pattern Formation
SERGEI SOKOL/Cambridge, MA
ANTHONY P. MAHOWALD/Chicago, IL
LEWIS WOLPERT/London, England
H. ROBERT HORVITZ/Cambridge, MA

Developmental Tumors of Mesoderm
WEBSTER K. CAVENEE/Montreal, PQ, Canada
ERIC OLSEN/Houston, TX
DAVID HOUSMAN/Cambridge, MA
STEPHEN H. FRIEND/Charlestown, MA

Tumors of the Nervous System
BERND R. SEIZINGER/Boston, MA
GARRETT M. BRODEUR/St. Louis, MO
MARK A. ISRAEL/San Francisco, CA

Developmental Genetics of Hematopoietic Malignancies
CARLO M. CROCE/Philadelphia, PA
JOHN GROFFEN/Los Angeles, CA
HITOSHI SAKANO/Berkeley, CA

Information and Application Forms
American Association for Cancer Research
Public Ledger Bldg., Suite 816
Sixth and Chestnut Streets
Philadelphia, PA 19106
215-440-9300 215-440-9313 (FAX)

Application Deadline:
November 12, 1990

Late applications will be accepted on a space-available basis.