EMPLOYMENT REGISTER OF THE AMERICAN ASSOCIATION FOR CANCER RESEARCH

The advertisements below were submitted by prospective candidates and employers in the AARC Employment Register by December 1, 1997 and were updated by October 1, 1998.

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 a written request to: AARC Employment Register, Public Ledger Building, Suite 826, 150 South Independence Mall West, 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 AARC members in the fall of 1997. They were also printed in the First Announcement of the Annual Meeting and in the November 15, 1997 issue of Cancer Research.

Advertisements from all candidates in the Employment Register are printed below.

POSITION LISTINGS

P-3100 Instructor/Assistant Professor positions (tenure track) in molecular and cellular immunology. Direct research in a team environment with focus on tumor vaccines, cellular immunity or development of cytokine contact pharmacophores. Applicants should have Ph.D., MD or DVM with two or more years of postdoctoral experience. Available Dec. 1997. Contact Dr. James E. Talmadge, UNMC, 600 South 42nd Street, Omaha, NE 68198-5660.

P-3101 Postdoctoral fellow in Cancer Epidemiology. Fellows will have extensive opportunities to participate in research in cancer epidemiology, including cancer etiology, cancer control and prevention. Doctorate degree in epidemiology or M.D. or Ph.D. required. U.S. citizen or permanent resident required. Avail. immediately. $20-35,000. Contact J. Vena, Sci. & Prev. Med., Univ. at Buffalo, (716) 829-2975.


P-3103 Postdoctoral research position. 1. molecular mechanism of spontaneous mutagenesis. 2. mechanism of inhibition of DNA repair by arsenic. Both projects involve molecular biology (Northerns, PCR, Sequencing). Avail. 4/98, $22,000-30,000. Contact Dr. Toby Rossman, Nelson Institute of Environmental Medicine, New York University Medical Center, Tenafly, NJ 07670. E-mail: rossman@charlotte.med.nyu.edu.

P-3104 Postdoctoral research fellow. Education and experience required: A M.D. and/or Ph.D. degree in molecular biology or allied field. Training in tumor biology, cell culture, signal transduction, and gene expression analysis is essential. Fellowship and/or postdoctoral research experience is encouraged but not essential. Contact Dan Mercola, Sidney Kimmel Cancer Center, San Diego, CA 92121. E-mail: dannmercola@skcc.org.

P-3105 Postdoctoral fellowship in Mol. Biol. of Tumor Suppressor Genes. Independent research on the molecular mechanisms of NF1, NF2 and TSC2 tumor suppressor gene function including animal models, signal transduction and identification of protein interaction partners. Available immediately. Contact Dr. Gutmann, Washington University. Fax: 314-362-9482. E-mail: gutmann@neuro.wustl.edu.

P-3106 Sanford Markowitz, Tenured Professor, member of Hughes Medical Institute, offers Postdoc to conduct research on colon cancer oncogenes, suppressor genes, and cell biology. Available June 1998. Case Western Reserve University School of Medicine, Cleveland, OH 44106. E-mail: markowt@case.wlu.edu.


P-3108 Cancer Prevention Fellow. NCI-funded postdoctoral fellowship for persons from multiplicity of disciplines for training in cancer prevention research. Up to 3 years salary, tuition for MS in Epidemiology optional. Variables for study of diverse markers. Available summer 1998 or after. Contact Electra Paskett, Ph.D., Wake Forest University School of Medicine, Medical Center Boulevard, Winston- Salem, NC 27157.

P-3109 Postdoctoral Fellowship in the Radiation Sciences—U.S. DOE-supported Program for multidisciplinary training focusing on the health effects of ionizing radiation exposure. Two-three year program. Contact, cancer epidemiology and field training. Available immediately—Fall 1998. $33,500-$36,000/Y. Contact: Dr. Neil Wald, University of Pittsburgh. Phone: (412) 624-3155; E-mail: wald@vms.ccredits.pitt.edu.


P-3111 Postdoctoral Fellow. Research on differential gene and protein expression in response to hormones and drugs. Available early 1998. $25,000-$35,000. Contact Dr. Michael McClelland, Dept. of Molecular Biology, Sidney Kimmel Cancer Center, San Diego, CA 92121. E-mail: mmcclelland@skcc.org.


P-3113 Postdoc position, Ph.D./M.D. Molecular and cellular responses to stress: signal transduction, post-transcriptional control of gene expression, cell cycle regulation and implications for survival. Candidates with strong background in molec./cell biology encouraged to apply. $27,000-30,000. Avail. 6/98. Contact Dr. Myiram Gorospe, Natl. Inst. of Health, Box 12, GRC, 4940 Eastern Ave, Baltimore, Maryland 21224. E-mail: myiram-gorospe@nih.gov.

P-3114 Assistant or associate level in neurobiology or pharmacology related to CNS malignancies. Must develop research program that interfaces Department of Neurosci. and Clinical Brain Tumor Program. Appointment in Department of Pharmacological Sci., which focuses on improving drug therapy through enhanced understanding of the genetic, developmental, and environmentally regulated factors that influence anticancer drug disposition and effects. Contact Dr. W. E. Evans, St. Jude Children’s Research Hospital, Memphis, TN.

P-3115 Postdoc/research assistant—University of California, Los Angeles. Researching cancer-minded individuals with an interest in 1) regulation of gene expression via chromatin structure/DNA methylation or 2) cell regulation and genomic stability. Molecular experience desirable, ability to think creatively and interact with others essential. Available July 1998. Competitive salary. Contact Dr. Russ Pieper, Brain Tumor Research Center, UCSF Cancer Center, San Francisco, CA 94143-0128. Phone: (415) 476-9753; E-mail: rpieper@luc.edu.

P-3116 Molecular Epidemiologist, Assoc. Member (Tenure track). Conduct independent laboratory research on carcinogen exposure and markers of cancer susceptibility. Collaborate with epidemiologists and molecular biologists to study populations at increased risk for cancer. No teaching responsibilities. Avail. imm. $40–50,000. Contact Dr. W.T. London, Div. of Population Science, Fox Chase Cancer Center, 7701 Burholme Ave., Phila., PA 19111. E-mail: wt_london@fccc.org.

P-3117 Postdoctoral position available within the University of Pittsburgh Cancer Institute, an NCI-designated Comprehensive Cancer Center, to study molecular and signal transduction-related regulation of DNA topoisomerase II in anticancer drug resistance. Candidates should have a strong background in molecular biology/pharmacology. Starting date is flexible and salary is negotiable. Contact Dr. Jack C. Yalowich, Department of Pharmacology, University of Pittsburgh School of Medicine, W1355 Biomedical Sciences Tower, Pittsburgh, PA 15261. E-mail: yalowich@pitt.edu.


P-3119 Postdoctoral position(s). To study function of newly discovered genes and transcription factors involved in colon, pancreatic, prostetic, and lung cancers. Involves metabolism proteins with links to signal transduction, protein-protein interaction, immunohistochemistry, cell culture transfection, bacterial expression, library screening, site-directed mutagenesis, in vitro and in vivo assays of tumor size, PCR techniques. Permanent resident or U.S. citizen preferred. Applicants with Ph.D. or M.D. and strong molecular/cellular biology background contact C. Schweinfest or D. Watson, MUSC, 171 Ashley Ave., Charleston, SC 29425. E-mail: schweifc@musc.edu, or watsondk@musc.edu.

P-3120 Postdoctoral Assoc. Biochemistry/Carcinogenesis. To characterize extrahypothalamic cytochrome P450s involved in esophageal carcinogenesis. Applicants should have a Ph.D. in Biochemistry or a related area, a strong background in drug/carcinogen metabolism, and experience with both molecular biology and biochemical techniques. Available Jan. 1998. $24,000–$27,000. Contact Dr. S.E. Murphy, Univ. of Minnesota Cancer Center, Box 1178, Dept. of Pharmacology, 420 Delaware Street SE, Minneapolis, MN 55455.

P-3121 Postdoctoral position available to study the role of aberrant DNA methylation in human carcinogenesis. Current studies are focused on deter-
Cancer Center investigators. A strong background in molecular pharmacology/biology is desirable. Contact Dr. Steven Grant, Division of Hematology/ Oncology, MCV Station Box 230, Richmond, VA 23298.

P-3151: Postdoc. Fellow to study interaction of transcription factors during mouse skin carcinogenesis and cell cycle regulation by glucocorticoids in keratinocytes; or alteration of gap junctional communication in human lung cancer cells. Available immediately. Salary negotiable. Contact Dr. T. J. Slaga, Center for Cancer Causation and Prevention, AMC Cancer Research Center, 1600 Pierce St., Denver, CO 80206.

P-3159: Postdoctoral fellow/ Sr. Scientist. Molecular and biochemical skills with knowledge of signal transduction to study newly cloned novel dual function kinase. Avail. immed. NIH funded competitive position. Contact Dr. F. M. Torti, Comprehensive Cancer Center of Wake Forest University, Medical Center Blvd., Winston-Salem, NC 27157-1082.

P-3161: Asst., Assoc., Full Prof. in Cancer Epil. and Cancer Genetic Epil. Conduct independent research and participate in advising and teaching program. Ph.D. and/or M.D. Appt. level and salary commensurate with qual. and experience. Available Sept. 1998. Contact Prof., Comprehensive Cancer Center of Wake Forest University, Medical Center Blvd., Winston-Salem, NC 27157-1083.

P-3162: Asst., Assoc., or Full Professor (tenure track)/Ph.D. Independent or conduct independent research in the cell and/or molecular biology of neoplasia. Current cancer-focused grant support especially valued. Immediate availability. Send CV and 3 letters of reference to: Dr. A. J. Hof, Chair, Dept. of Pathology, Wake Forest Univ. School of Medicine, Winston-Salem, NC 27157.


P-3168: Postdoctoral Fellow in Cancer gene therapy. Evaluate apoptosis induction in transgenic mouse models and characterize vector-specific immune responses. Available July 1998. Contact Dr. Martin Sanda, Asst. Prof., University of Michigan, 1500 E. Medical Center Dr., Ann Arbor, MI 48109-0330. Phone: 313-647-5644; E-mail: msanda@umich.edu.

P-3167: Postdoctoral Associate position to study the molecular genetics of osteosarcoma tumors suppressor genes and develop a genetic model for establishing novel gene therapy strategies. Molecular biology experience required. Contact Dr. R. E. Buller, M.D., Ph.D., Dept. Ob-Gyn, University of Iowa, Iowa City, IA 52242.

P-3166: Postdoctoral Fellow or Research Associate, Ph.D. with experience in molecular and cellular biology to conduct independent basic research in the area of breast cancer molecular tumor biology. Experience with in vitro transfection of mammalian cells, microsatellite instability, and recruitment of factors recognizing reactive oxygen species. Identify cis-elements and their transcription factors. Previous experience with hepatocyte culture desirable. Competitive salary and career advancement possible. Send c.v. and the
names of three references to: Dr. Trevor M. Penning, Dept. of Pharm., Univ. Pennsylvania. Sch. of Med., Phila., PA 19104-6084.

P-3179 Postdoctoral research in activation of polyphenolic antioxidants (PAH) by urinary or intestinal flora. Study the contribution of dihydrodiol dehydrogenases (DD) to the metabolic activation of PAH using a stable transfection approach. Transfect PAH-targeted cells with human DD cDNAs and expose them to redox-active o-quinones, 8-OH-dG and stable and depurinating quinone-dNA adducts. Avail. Immed. Competitive salary and career advancement possible. Send c.v. and the names of three references to: Prof. Temple, Dept. of Pharmacology, Univ. Pennsylvania. Sch. of Med., Phila., PA 19104-6084.

P-3180 Postdoctoral position available to study the role of polyamines and polyamine derivatives in epithelial tumorigenesis and invasion. These studies will incorporate molecular, cellular and transgenic approaches to evaluate the in vivo interaction between polyamines and possible downstream effectors such as c-kiat kinase 2 (JBC. 272: 12536; Cancer Res. 57: 2104). Strong background in mol. biol. required. Contact Susan Gilmour, Ph.D., Lankenau Medical Research Center, 100 Lancaster Ave., Wynnewood, PA 19096.

P-3181 A postdoctoral position is available immediately to study the role of retinoids and their nuclear receptors in carcinogenesis with an emphasis on retinoid metabolism and novel retinoid activated genes. Applicants with strong background in gene expression and regulation are preferred. Please send a letter of interest, CV, and names of three referees to: Xiaoxuan Xu or Dr. Reuben Lotan, Dept. Clinical Cancer Prevention, UT MD Anderson Cancer Center, 1515 Holcombe Blvd., Box 236, Houston, TX 77030. Fax: (713) 792-0628; E-mail: xuox@mdanderson.tmc.edu.


P-3186 Recent Ph.D. (Biochem., Mol. Biol., or Pharmacol/Toxicol) to perform exciting postdoctoral research on molecular mechanisms of DNA repair and development of post-translational aspects of alkyltransferase. Experience advanced biochemical & molecular techniques is required. Salary negotiable. Contact Dr. K. S. Srivenugopal, Exp. Pediatrics, Box 169, M.D. Anderson Cancer Ctr., Houston, TX 77030.


P-3188 Postdoctoral Res. Assoc. position available immediately for candidate with Ph.D. and with molecular and cell biology research experience to study tumor progression pathways and its receptors in controlling cell growth, tumorigenicity, invasion, and metastasis of breast and colon cancer. Contact Dr. L. Zehe Sun, Dept. of Pharmacology, Univ. of Kentucky College of Medicine, 111 UKMC, Lexington, KY 40536-0084. E-mail: lsn20@pop.uky.edu.

P-3189 Postdoctoral Fellow, Ph.D. or M.D. Perform molecular and genetic studies of the basis for early human retinoid hypersensitivity. A candidate with a Ph.D. is preferred. Avail. June, 1998. Salary negotiable. Contact S. B. Levy, Tufts University Medical School, Boston, MA 02111. E-mail: slevy@opal.tufts.edu.

P-3190 Position in experimental therapeutics. Highly motivated, recent Ph.D. required for research concerning cell cycle therapeutics in cancer. Experience in cell & molecular biology is necessary and training in flow cytometry is beneficial. Avail. immediately. Salary is commensurate with experience. Send letter of interest to: Prof. N.J. Debnath, PhD., Dept. Chemistry, Univ. of Pittsburgh, Pittsburgh, PA 15260.


P-3192 Staff Scientist-Cancer. You will contribute to the identification and development of novel cancer therapies. Modern biochemical and/or cell biological techniques. Available. Summer dependent on experience. Contact Paul Okunieff, M.D., Dept. Radiation Oncology, 601 Elmwood Avenue, Box 647, Rochester, NY 14642. E-mail: Okunieff@radonc.medinfo.uarc.edu.

P-3193 Assist. or Assoc. Prof. level MD bcbe in adult med. onc. to work in all phases of onc. drug development in an academic-type environment with opportunities for translational research. 3 yr. experience in clinical trial design. Available. immed. $130,160K. Contact Eli Lilly and Co., Dept. RACRM004, Lilly Corporate Center, DC1818, Indianapolis, IN 46285.

P-3194 Assist. or Assoc. Prof. level MD bcbe in adult med. onc. or urology to work in designing clinical trials within an industry-based, academic postgraduate cancer research program. Under-standing of molecular and cellular biology of prostate cancer, since position offers opportunity for translational research. Available. immed. $130,160K. Contact Eli Lilly and Co., Dept. RACRM004, Lilly Corporate Center, DC1818, Indianapolis, IN 46285.

P-3200 Postdoctoral research position. Position is available at the Medical University of South Carolina’s Hollings Cancer Center to study the genetics aspects of antifolate resistance in childhood leukemias. The successful candidate will join an NIH-supported laboratory and a reference laboratory for major cooperative group. Ph.D. and experience in molecular biology techniques essential. Send CV with names of three references to: Dr. Julio Barredo, Dept. of Pediatrics and Biochemistry and Molecular Biology, MUSC Children’s Hospital, Charleston, SC 29425. Fax: 803-792-8871; E-mail: barredj@musc.edu.


P-3203 Scientist, Endocrine Tumor Biology, MS+2 yr or BS + 4 yr exp. Overall duties: Perform cell-based screens to identify novel inhibitors for nuclear or membrane receptor & characterize mechanism of action; cell culture, recombinant DNA skills; excellent oral/written/data analysis skills; highly organized & motivated. Preferred experience: cell proliferation assay; reporter gene assays; cell protein expression and detection; mammalian cell transfections & cell cloning; knowledgeable with steroid and receptor interaction, signal transduction; familiar with robotics for high-throughput screening; oncology/biochemistry/ endocrinology laboratory at Wyeth-Ayerst Research, Human Resources, Job #3059, 401 N. Middletown Rd., Pearl River, NY 10965. Wyeth-Ayerst Research is an equal opportunity employer M/F/D.

P-3204 Research Associate or Postdoctoral positions immediately available in molecular biology to study tumor suppressor genes at the basic and translational level. Salary $25,000-$35,000. New Research Building. Contact Dr. William F. Benedict, Professor of Medicine, Box 81, M.D. Anderson Cancer Center, Houston, Texas 77030.

P-3205 Postdoctoral Research Fellowship at the Southwest Allergy Research Institute, Harvard Medical School, Ocular Gene Therapy Program Project: “Promoting immune privilege and preventing blindness.” Candidates should have a Ph.D. or M.D. degree and graduate level research experience in either cell biology, biochemistry or molecular biology. Research project will utilize the newly discovered principals of immune privilege in the eye to study the development of ocular melanoma or vitrinitis. Candidates will be used to terminate ocular immune privilege and generate tumor-specific effector T cells. This research project is part of a larger program project and involves other investigators from all research programs will participate in the rich academic environment at the Scheper Institute. Contact Dr. Bruce Ksandar, Schepens Eye Research Institute, 20 Stanford Street, Boston, MA 02114. Fax: 617-912-0101; E-mail: kssander@vision. harvard.edu.

P-3206 Postdoctoral fellow. To study steroid receptor function. Projects include regulation of prostate growth, control of steroid receptor RNA and protein synthesis, and functional characterization of androgen receptor mutants identified in human prostate cancer. Avail. immediately. $20,000-$26,000 depending upon experience. Contact Dr. Robert Senoch at Program of Cell Biology, Baylor College of Medicine, Houston, TX 77030.

P-3207 Postdoctoral Fellowship. Participate in a team-oriented environment employing novel technology to develop new targets for developing cancer therapies. The qualified candidate will have solid molecular and cell biology skills and at least four years of experience working in a productive research laboratory. Necessary skills include cDNA manipulation, cloning, subcloning, PCR, Western blotting, and cell culture. A solid understanding of molecular and cell biology concepts is essential. Experience and knowledge of cancer biology preferred. Applicants should have excellent communication skills and a demonstrated ability for creative thinking.

P-3208 This position will be part of a team that is focused on discovering and evaluating therapeutic target candidates using cutting-edge, high-throughput technologies. The individual will have expertise in novel applications of molecular biology to the identification of therapeutic agents content targets, as demonstrated by publications and/or patents. Some experience in applied high-throughput biology, such as gene expression analysis, expression cloning, and cDNA library construction. The qualified candidate must have excellent leadership and communication skills, together with some supervisory experience.

P-3209 Candidate is being sought for a position in extracellular research at Amgen in the clinical development division. Qualifications are a Ph.D. in the life sciences and at least one to two years clinical research experience in registrational trials activity. A knowledge of oncologic, infectious disease, and/or AIDS is strongly preferred. Candidate would be expected to be familiar with all stages of clinical research, to have demonstrated competence in protocol development, clinical trial analysis and to have demonstrated strategic planning ability. The position would involve proactive placement of therapeutic usage trials for several products in a variety of therapeutic areas. Initially, the new, high-throughput technologies. The successful applicant will be familiar with molecular biology, including nucleic acid hybridization, probe preparation, DNA, and RNA preparation, cDNA library construction and screening, and experience in tissue culture and mammalian DNA transfection. Also, the applicant should have a sophisticated understanding of the theoretical basis behind these techniques.
P-3211 Candidate must possess technical experience in the areas of recombinant DNA technology, bacterial and yeast molecular genetics, tissue culture, nucleic acid chemistry and hybridization, PCR methods, RNA, DNA, and protein gel electrophoresis, and be familiar with sequence analysis software (GCG) and oligo design programs, as well as standard Ap- ple/PC software (Word, Excel, etc.).
P-3212 Encouraged from highly motivated, creative individuals who wish to participate in a team-oriented environment at em-ploying novel therapeutic strategies for developing cancer therapies. Applicants are expected to possess a comprehensive understanding of the molecular genetics aspects of tumorigenesis, preferably in one of the following areas: cell cycle control; apoptosis; growth control mechanisms; cell/cell interactions; signal transduction; or tumor angiogenesis. Should be familiar with novel techniques and approaches in the field, including genomics databases, gene expression ar- rays, and high throughput screening.
P-3214 Postdoc. Avail. immed. For recent Ph.D. (Pharm., Tox., Pharmaceutical Chemistry) to study metabolism and disposition of dietary anticancer-gens, and/or molecular and biomedical mecha-nisms, underlying dietary interventions of hormone-dependent cancers in animals and humans; exp. in carcinogenesis, immunosassays, mol. bio. pharmacokinetics, pharmacodynamics, chem. Analysis and translational research desirable. Contact Dr. LW Lu, UTMB, 301 University Blvd., Galveston, TX 77555-1110. Phone: (409) 772-1803; Fax: 772-9108; E-mail: Lu@utmb.edu. UTMB is an equal opportunity/affirmative action em-ployer. M/F/D/V. UTMB hires only individuals autho-rized to work in the U.S.
P-3216 Four postdoctoral positions to study (a) chemoresistance in metastatic tumors; (b) relation between telomeres, telomerase, and chemotherapy; (c) taxanes in ovarian cancer; (d) regional ther-a-phy of prostate and bladder cancer. Desire experi-ence in standard molecular biology methods; drug activity evaluation in cell lines, animals, and patients; telomere-based strategies; competency in computer and bioin- formatic modeling; confocal microscopy; immunohisto-chemical methods including FISH; gene cloning and sequencing. Send c.v. and names of three references to Jessie Au, Distinguished University Profes-sor, The Ohio State University, 500 W. 12th Avenue, Columbus, OH 43210. E-mail: Au.1@osu.edu.
P-3217 The University of Texas M. D. Anderson Cancer Center is seeking a clinician with strong research experience (Ph.D. or Prof. level) in a tra-ditional medical direction of Clinical Cancer Genetics/ Dept. of Human Cancer Genetics. Requires a strong background in clinical and research aspects of can-cer genetics, participation in Equal Opportunity and Affirmative Action Employer. Women or minority candi-dates are encouraged. Smoke free environment. Send brief letter describing your interest in the po-sition, CV, bibliography, and names of three references to Robert F. Gage, M.D., Chair, Search Committee, c/o Christie Cook Graham, 1515 Holcombe Bou-levard, Box 51, Houston, Texas 77030.
P-3219 A position of Research Associate with postdoctoral experience is available. This individual will be working in the development and implementa-tion of molecular laboratory for basic and clinical research of hemato logic malignancies and will be assumed in the characteriza-tion of leukemia, lymphoma, myelodysplastic syndrome and myeloprolif-erative disorders. Please send (1) curriculum vitae, (2) statement of experience, and major ac-a demic interests, and (3) list of 3 academicians who would be willing to provide reference to: Lee-Yung Shih, M.D., Chief, Division of Hematology-Oncology, Department of Internal Medicine, Chang Gung Mem-orial Hospital, 199 Rue Tung Ho, Taipei Taiwan. Phone: +886 3 3281200 ext. 2524; Fax: +886 3 3286697; E-mail: shy1021@adm.cghm.com.tw.
P-3220 Mayo Clinic Rochester is seeking a board eligible/board certified medical oncologist with translational research experience. A track record in investigator-initiated and hypothesis-driven clinical research is a plus. Positions should be directed by mail or E-mail to Dr. Charles Erl ichkin, Vice-Chair Medical Oncology, Mayo Clinic, Rochester, MN 55905 (hanf.laura@mayo.edu).
P-3221 The Beatson Institute For Cancer Re-search, Glasgow, Scotland. The Institute has a rolling three-month postdoctoral position and is currently available with possible extension for a fourth year, to work on a variety of molecular biology projects, up-to-date details of which can be obtained from our website (http://www.beatson.gla.ac.uk). For details contact from Prof. P. R. Harrison (E-mail: p.r.harrison@ beatson.gla.ac.uk). The Beatson Institute is Scot-land’s principle centre for experimental cancer re-search and conducts comprehensive, compre-hensive, and translational research on the mechanisms of tumor progression and tumor control. Funding is available immediately to study: (1) Genetic instability, re-sponses to DNA damage, and carcinogenesis in transgenic mice deficient in DNA mismatch repair; or (2) Development of novel anti-cancer therapies using triple helix forming oligonucleotides and peptide nucleic acids. Please send CV and refs. to: Peter M. Glazer, M.D., Ph.D., Yale University School of Medicine, Boyer Center for Molecular Medicine, 524 W.facebook, P.O. Box 20816, New Haven, CT 06536-0812. Fax: (203) 737-2830.
P-3232 Postdoctoral position. Cell signalling mechanisms involved in proliferation and cytokinet-icity of T & NK cells and their relationship to melanoma metastasis: Phospholipases and Protein Kinase C; JAK/STAT Pathway; Adhesion Molecules; Proteases and invasion; and Gene regulation. Avail. July 1998 or later. Salary commensurate with experience. Contact Dr. Gary M. Meadows, Box 645810, Dept. Pharm. Sci., WSU, Pullman, WA 99164-6510. Phone: 509-335-4753; E-mail: meadows@wsu.edu.
P-3233 Postdoctoral position available July 1, 1998 to study mechanism of action of small cell lung cancer (SCLC) chemotherapy in vitro. Previous experience required. Contact Dr. Martha J. Tharp, M.D. CCIT/MBI/NCI, 9160 Medical Ctr. Dr., Rockville, MD 20850. Fax: (301) 402-4422; E-mail: szaboeb@pubr.NCI.nih.gov.
P-3234 Staff Scientist in Cancer Chemotherapy or Chemoprevention. Ph.D. with at least 5 years of experience with in vivo models. Join a team of re-searchers conducting in vivo studies in cancer chemotherapy, chemoprevention, drug evaluation, and experimental therapeutics. Available immedi-ately. Competitive salary and benefits. Contact Dr. William R. Waud, Experimental Therapeutics Dept., Southern Research Institute, P.O. Box 55305, Birmingham, AL 35256-3000. Telephone: (205) 724-5997. E-mail: waud@srinorth.org.
P-3235 Postdoc. position. Active tumor biology and immunology laboratory. Active interest in pur-suit of problems related to immune suppression in patients with cancer and the molecular mechanisms characterizing a circulating "serum factor" which down regulates the TI-1 System. Area of Expertise requested: Background in immunology-cell medi-ated immunity and cancer therapy. Experience in basic molecular immunology/biology to pursue in depth immune suppressive factors.
P-3235 Postdoctoral fellowship position available July 1, 1998 to pursue studies of the regulation of gene expression by vitamin D and vitamin D analogs and studies of the significance of vitamin D receptor mutations and polymorphisms in breast cancer patients. Contact Dr. Robert Buras, Lombardi Cancer Center, Georgetown, Wash., DC. E-mail: buras@gunet.georgetown.edu.
P-3236 Two postdoctoral positions available imme-diately for recent Ph.D. to conduct basic re-search and collaboration with equal oppor-tunity/affirmative action employer. Women or minority candidates are encouraged. Smoke free environment. Send brief letter describing your interest in the position, CV, bibliography, and names of three references to Robert F. Gage, M.D., Chair, Search Committee, c/o Christie Cook Graham, 1515 Holcombe Boulevard, Box 51, Houston, Texas 77030.
P-3237 Postdoctoral position in Gene Therapy and Oncogene Signaling. Projects will include gene-modification of bone marrow progenitors for attack on tumor endothelium and cation regulation of o2 vascularization and novel validation of tumor suppressor genes regulated by the Ras oncogene. Available, imme-diately. Salary $30,000-$35,000. Contact Dr. R. Fenton, Univ. of Maryland Greenebaum Cancer Center, Baltimore, MD, 21201. E-mail: Rentlon1@umaryland.edu.
P-3238 Res. Asst. Prof. (non-tenure track) in Mol. Biol. Ph.D., 2 yrs. postdoc. exp. Conduct research in the areas of cell biology and molecular biology. Applicants must be highly qualified in areas of cell biology and/or molecular biology and have an interest in the molecular signaling pathways that regulate cell proliferation and death. Applicants must be highly qualified in areas of cell biology and/or molecular biology and have an interest in the molecular signaling pathways that regulate cell proliferation and death. Applicants must be highly qualified in areas of cell biology and/or molecular biology and have an interest in the molecular signaling pathways that regulate cell proliferation and death. Applicants must be highly qualified in areas of cell biology and/or molecular biology and have an interest in the molecular signaling pathways that regulate cell proliferation and death. Applicants must be highly qualified in areas of cell biology and/or molecular biology and have an interest in the molecular signaling pathways that regulate cell proliferation and death. Applicants must be highly qualified in areas of cell biology and/or molecular biology and have an interest in the molecular signaling pathways that regulate cell proliferation and death. Applications should be sent to Dr. H. J. Kim, Department of Molecular and Cellular Biology, University of California, Los Angeles, CA 90095-1579. E-mail: hjkim@ucla.edu.
P-3239 Postdoctoral Fellowship: Study mecha-nisms of pre invasive aerodigestive cancer mapping changes in field cancerization, developing interven-tions to arrest and integrating imaging and molec-ular monitoring of epithelial response. Background in molecular biology required. Candidates must be US citizens or permanent residents. Position now available. Applicants must have a Ph.D. in Molecular Biology. Contact Dr. J. Mulshine, Intervention Section, DCCB, MB, DCS, NCI, Bldg 10/Rm 12262, Bethesda, MD 20892-1906. Phone: 301 402-3721; Fax: 301 435-4655; E-mail: mulshine@tbrp.ncl.nih.gov.
AIDS-related gene
Contact

P-3252
P-3248
P-3247

ogy, analysis
P-3244

following

HR.

Engineering.

Minority permanent
positions; applications are welcome; minority and women candidates are also strongly encouraged to apply. Send C. V., three letters of recommendation, and preferences of faculty position to Frederick, P. R., Langlois, A. C., and K. M. H., Investigator, Training Grant Program in Chemical and Viral Carcinogenesis, USC/Norris Comprehensive Cancer Center, Mail Stop #73, USC School of Medicine, 1441 Eastlake Avenue, Los Angeles, California 90033. (213) 743-7800. Telephone: (213) 743-5018. Fax: (213) 743-5019.

P-3244 Postdoctoral position. NIH-funded program studying tumor antiangiogenic agents. Ongoing projects include studies on the regulation of genes which are involved in angiogenesis, and the analysis of novel angiogenesis inhibitors. Strong background in biochemical or molecular pharmacology, cell biology or related fields; experience with animal models would be helpful. Contact Dr. Edward Schwartz, Dept. of Oncology, Albert Einstein Cancer Center, 111 East 210 St., Bronx, NY 10467. E-mail: eschwartz@acem.yu.

P-3246 Postdoctoral fellowship in Radiation Oncology. Conduct research on radiation-induced apoptosis and Bcl-2. Available now. Salary dependent on the number of postdoctoral years of experience. Contact Susan Knox, M.D., Ph.D., Department of Radiation Oncology and University Medical Center, 300 Pasteur Drive, Stanford, CA 94305.

P-3246 Scientist, Protein/peptide structure. Bioinformatics & computational bio. 3 yrs exp, $40–53K. Contact Dr. HR, NCIFCRD. Frederick, MD. E-mail: hr@mail.ncifcrf.gov. Avail. now.

P-3247 Scientist/Programmer Analyst, Protein Analysis. Bioinformatics. Evaluate, design, & implement novel algorithms. Avail. now. $40–50K. Contact SAIC Frederick, HR, NCIFCRD, Frederick, MD. E-mail: hr@mail.ncifcrf.gov. Avail. now.

P-3248 Postdoctoral in mol/cell bio/genetics. HIV/SIV, NCI-FCRD, Frederick, MD. E-mail: hr@mail.ncifcrf.gov. Avail. now.

P-3249 Postdoctoral in mol/cell bio/biochemistry. Contact SAIC Frederick, HR, NCIFCRD, Frederick, MD. E-mail: hr@mail.ncifcrf.gov. Avail. now.

P-3250 Postdoctoral in mol. bio/mmucdu/biochem.; genetic engineering, 0–3 yrs exp. $29–32K. Contact Frederick, NCI-FCRD, Frederick, MD. E-mail: hr@mail.ncifcrf.gov. Avail. now.

P-3251 Postdoctoral in mol. bio/mmucdu/biochem.; genetic engineering, 0–3 yrs exp. $29–32K. Contact Frederick, NCI-FCRD, Frederick, MD. E-mail: hr@mail.ncifcrf.gov. Avail. now.

P-3251 Postdoctoral position examining DNA repair and gene expression after ionizing radiation exposure. Candidate must be familiar with basic molecular biological techniques including Southern, Northern, PCR and DNA transfection. Position available May 1, 1998. Contact Dr. M. Story or W. Brock, Department of Radiation Biology, M. D. Anderson Cancer Center, Houston, TX.

P-3253 Postdoctoral position available to study the mechanism of induced differentiation of transformed cells. Applications should have a strong background in molecular and cellular biology and experience in eukaryotic cell culture, DNA cloning and protein analysis. Available immediately. Please send CV and 3 letters of recommendation to M. D. Memorial Sloan-Kettering Cancer Center, 1275 York Avenue, New York, NY 10021. E-mail: v-richon@ski.mskcc.org.

P-3254 The Division of Hematology-Oncology, University of Cincinnati (UC) and the Cincinnati Veterans Administration Medical Center (VAMC). Asst. or Assoc. Prof. level. Individuals with strong, independent research programs are particularly encouraged to apply. Start-up is available to establish a new or basic or translational research lab. M.D. or M.D./Ph.D. degree, BC/BE in Internal Medicine and Hematology-Oncology and eligibility for medical license. Applicants should be AA EO employers. Please send CV and three references to John C. Winkelmann, M.D., Division of Hematology-Oncology, 231 Bethesda Avenue, Cincinnati, Ohio, 45267-0508. Fax: 513-558-7673; E-mail: winkelj@uc.edu.


P-3257 Postdoc. in bioinformatics, studies in molecular pharmacol. With collaborators, we are expression-profiling cancer cells at the RNA and protein levels (cDNA chip and 2-0 gel technology.) For details contact Dr. W. E. Stavnezer. Science background, interest in biology or medicine. Contact Dr. J. N. Weinstein, NIH Blg 37 Rm 50-02, Bethesda, MD 20892. E-mail: weinstein@tdpx2.ncfcrf.gov; Fax: 301-402-0752.


P-3259 Postdoctoral fellow. Biochemical and molecular characterization of zinc finger transcription factors expressed during hepatopoesis and leukemogenesis. Avail. immediately. Contact Dr. J. Morris at Medical College of Wisconsin, Milwaukee, WI 53122.

P-3260 Postdoctoral research associate, nitric oxide and nitric oxide mediated signaling. Cellular regulation of nitric oxide synthase oncoprotein regulating oxidant status of tumor cells, adherence and metastasis. Contact Dr. Diane E. Heck, Dept. of Pharmacology and Toxicology, Rutgers University, Piscataway, NJ 08854 (732) 445-0219, E-mail: check@ecs.rutgers.edu.

P-3261 Postdoctoral Research Associate in Molecular Cellular Biology. Conduct independent research in molecular biology. PhD or equivalent required. Contact Dr. M. G. Brattain, Dept. of Surgery, Univ. TX Health Science Center, San Antonio, TX 78284.


P-3264 Postdoctoral position in Biochemistry/Molecular Biology available after 6/1/98. Current studies involve the structure, expression, and transcriptional regulation of the enzyme folicpolyglutamate synthetase and anti-enzymes of the GART gene. Requires Ph.D. in Biochemistry/Molecular Biology or related discipline. Contact Dr. R. G. Moran, Massay Cancer Center, Richmond, VA. E-mail: rmoran@hsc.vcu.edu.


9489
Northern/Western blot; DNA probes; immun. morphol. analyses of tumors, embryos, cultures. Postdoc. more than 10 yrs. Seek acad./indus./govt. Pos.


C-1614 Ph.D., 1994, Cellular Physiology/ Molecular Endocrinology, Tissue culture, Southern/Northern Western blot; Immunocytochemistry, Immunofluorescence, Cytofluorimetry. ELISA, Postdoc. 4 yrs. Seek acad./industrial research position.


C-1623 Ph.D., 1998, Medical Sciences, conc. Pathology. Molecular cloning, animal bioassay, tissue culture (15 y); experimental therapeutics; Southern/Western blots; immunohisto/cytomembrane flow cytometry/DNA analysis; fluorescence; cytotoxicity assays; management exp. 7 yrs experience as pre-doctoral research position. Avail. June 1998. Sal. Neg.

C-1624 Ph.D., Biochemistry; Nutritional Biochemistry, HPLC, GC, GC-MS, cell culture, enzyme assays, Molecular cloning, lab and government experience. GLC experience. Avail. May 1998. Prefer midwest or western States, will relocate elsewhere for the right opportunity. Salary negotiable.


C-1632 Ph.D., Pharmacology (8/98); Exp. in molec. epide. PCR, RFLP analysis, DNA seq., cDNA library screening, recombinant DNA, transfection, animal work, protein/enzyme isolation, enzyme kinetics, chromatology, gel electrophoresis (incl. 2-D), Western blot. Res. exp. 8 yrs., teach. exp. 3.5 yrs. Seek acad./govt/acad. postdoc or res. posi. Interest in pharmaceuticals, but flexible. Avail. 8/98. Phil., PA, or central NJ.

C-1633 Ph.D. 1994, Molec./Cell Biol.; Immunology, Pharmacology, Cell Signaling, Oncology; cell culture, Protein biotechnology, molecular biology techniques. Postdoc 2 yrs.; NRC Assoc. Associate 2 yrs.; Teaching exp 6 yrs. Seek acad./indus./govt. teaching/research position. Avail. immediately. Pref. USA. Salary negotiable.


C-1637 Ph.D., 1990, University of Chicago (Chi-

Tissue culture, in vitro cytotoxicity, tumor model


C-1748 B.S. & 5 yrs clinical research experience. Available immediately.


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BENEFITS OF MEMBERSHIP

The American Association for Cancer Research (AACR), a scientific society of over 13,500 laboratory and clinical cancer researchers, was founded in 1907 to facilitate communication and dissemination of knowledge among scientists and others dedicated to the cancer problem; to foster research in cancer and related biomedical sciences; to encourage the presentation and discussion of new and important observations in the field; to foster public education, science education, and training; and to advance the understanding of cancer etiology, prevention, diagnosis, and treatment throughout the world.

Members of the AACR enjoy the following benefits:

1. the privilege of sponsoring a proffered paper (abstract) for consideration for presentation at the AACR annual meeting;
2. subscriptions to the Association’s high-quality journals Cancer Research, Clinical Cancer Research, Cell Growth & Differentiation, and Cancer Epidemiology, Biomarkers & Prevention at reduced member rates;
3. an advance copy of the Program and Proceedings of the American Association for Cancer Research that contains over 4,000 abstracts of proffered papers presented at the annual meeting;
4. reduced registration rates at annual meetings;
5. priority notice of small, focused meetings in the AACR’s exciting series of Special Conferences in Cancer Research;
6. substantially reduced registration rates for Special Conferences;
7. opportunities for participation in AACR meetings in North America and abroad with other scientific societies around the world;
8. receipt of AACR Newsletters and other important announcements;
9. early notification of and reduced rates for participation in the AACR Employment Register;
10. an up-to-date Membership Directory of over 13,500 member researchers in the cancer field;
11. the professional benefits of the AACR’s public education activities concerning funding for cancer research and press coverage of the latest research findings;
12. the opportunity to participate in three Summer Workshops that foster knowledge in the cancer field for young investigators;
13. the facilitation of informal scientific exchange with leading researchers in the cancer field; and
14. many more ongoing benefits.

QUALIFICATIONS FOR MEMBERSHIP

Active membership in the AACR is open to investigators who live in the Americas. Individuals who have conducted two years of research resulting in peer-reviewed publications relevant to cancer, or who have made substantial contributions to cancer research in an administrative or educational capacity, are eligible. If a candidate has conducted research in an area of biomedical science related to cancer, he or she will qualify for membership. Evidence of relevant to cancer research may be submitted as qualifications for membership in lieu of peer-reviewed publications.

Corresponding membership is open to persons who are not residents of the Americas. The qualifications for corresponding membership are the same as those indicated above for active membership. Visiting scientists from the Americas who intend to return to their countries of origin by the anticipated time of election should apply for corresponding membership. All other visiting scientists should apply for active membership and transfer to corresponding status upon leaving the Americas.

Graduate and medical students, postdoctoral fellows, and physicians in training who do not yet meet the above qualifications for active or corresponding membership should apply for associate membership. Forms for associate membership are available from the AACR Office.

PROCEDURES FOR APPLICATION

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

<table>
<thead>
<tr>
<th>Receipt of Application</th>
<th>Notification of Candidate</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 1</td>
<td>March</td>
</tr>
<tr>
<td>May 1</td>
<td>July</td>
</tr>
<tr>
<td>September 1</td>
<td>November</td>
</tr>
</tbody>
</table>

A complete application consists of the following material:

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

All material 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:

Membership Services Department
American Association for Cancer Research
Public Ledger Building, Suite 826
150 S. Independence Mall West
Philadelphia, PA 19106-3483
Phone: 215/440-9300
FAX: 215/440-9412
E-mail: membership@aacr.org

RESPONSIBILITIES OF MEMBERSHIP

Candidates should be aware of the following responsibilities of membership in the AACR. Active members must pay annual dues. In 1999 annual dues for active members are $185, $105 of which is designated for AACR journal subscriptions. Newly elected members of the AACR who have already purchased subscriptions to Cancer Research, Clinical Cancer Research, Cell Growth & Differentiation, or Cancer Epidemiology, Biomarkers & Prevention at the higher, nonmember rates will receive reimbursement of the unused portion of those subscriptions once their first year’s membership dues are paid in full.

Corresponding members are required to pay dues ($105 in 1999) and may, if they wish, subscribe to Cancer Research, Clinical Cancer Research, Cell Growth & Differentiation, or Cancer Epidemiology, Biomarkers & Prevention at reduced member rates. Applicants elected in March will be responsible for payment of that year’s dues; applicants elected in July and November will pay dues for the following year. Applicants elected in March and July will be eligible to sponsor an abstract for the next annual meeting. Every effort will be made to afford the same opportunity to applicants elected in November.

Margaret Foti, Ph.D.
Executive Director
APPLICATION FOR ACTIVE OR CORRESPONDING MEMBERSHIP

NAME OF CANDIDATE: ___________________________ DATE OF BIRTH: ___________________________

LAST FIRST M.I. Month/Day/Year

PRESENT POSITION/TITLE: ___________________________

INSTITUTIONAL AFFILIATION: ___________________________

INSTITUTIONAL ADDRESS: ___________________________

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

TELEPHONE NUMBER: ___________________________

FAX NUMBER: ___________________________

E-MAIL ADDRESS: ___________________________

PRIMARY FIELD OF RESEARCH (Please check only one):

[ ] Biochemistry and Biophysics __________ Biostatistics __________ Carcinogenesis

[ ] Cellular Biology and Genetics __________ Clinical Investigations __________ Endocrinology

[ ] Epidemiology __________ Immunology __________ Molecular Biology and Genetics

[ ] Preclinical Pharmacology and __________ Virology __________ Other: (Please specify)

Experimental Therapeutics

ACADEMIC DEGREES (Including where and when granted)

_____________________________________________________________________________________

_____________________________________________________________________________________

_____________________________________________________________________________________

_____________________________________________________________________________________

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

_____________________________________________________________________________________

_____________________________________________________________________________________

_____________________________________________________________________________________

_____________________________________________________________________________________

PUBLICATIONS (Reprints of two peer-reviewed articles on which the candidate appears as an author must accompany this application. For these two articles list the authors, title, journal, volume, inclusive pages, and year. Do not submit abstracts. If submitting patents, supply patent number and year awarded.)

_____________________________________________________________________________________

_____________________________________________________________________________________

_____________________________________________________________________________________

_____________________________________________________________________________________

_____________________________________________________________________________________

CANDIDATE IS APPLYING FOR (Check one): [ ] ACTIVE [ ] CORRESPONDING MEMBERSHIP

CANDIDATE NOMINATED BY*: ___________________________

CANDIDATE SECONDED BY*: ___________________________

STATEMENT OF SUPPORT

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

I acknowledge by signing this statement of support that this candidate adheres to accepted ethical scientific standards and has or will make a long-term contribution to cancer research.

_____________________________________________________________________________________

Signature of Nominator* ___________________________ Date ___________________________

Signature of Seconder* ___________________________ Date ___________________________

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

*Both nominator and seconder must be active, corresponding, emeritus, or honorary members of the AACR in good standing.

(This form may be reproduced.)
QUALIFICATIONS FOR MEMBERSHIP

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

BENEFITS OF MEMBERSHIP

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

1. the privilege of sponsoring a proffered paper (abstract) for consideration for presentation at the AACR annual meeting provided that (a) the associate member is the presenter of the paper and (b) an active, corresponding, emeritus, or honorary member in good standing of the AACR also signs the abstract of the paper in support of the work. (In this instance, the member who cosigns the abstract does not lose his or her own sponsorship privilege);
2. optional subscriptions to the Association's high-quality journals: *Cancer Research*, *Clinical Cancer Research*, *Cell Growth & Differentiation*, and *Cancer Epidemiology, Biomarkers & Prevention* at reduced member rates; beginning in 1998 associate members will be able to purchase AACR journals for half the price of a regular member subscription;
3. the privilege of registering for the annual meeting at the low associate member rate;
4. the privilege of electing an Associate Member Council that organizes programs benefiting associate members and that presents their concerns to the AACR Board of Directors;
5. the opportunity to stand for election to the Associate Member Council;
6. preferred access to the AACR Employment Register;
7. priority notification of events in the AACR's series of special conferences on timely subjects in the field;
8. substantially reduced registration rates at special conferences;
9. the receipt of AACR newsletters, meeting announcements, and an up-to-date Membership Directory;
10. the opportunity to participate in three Summer Workshops that foster knowledge in the cancer field for young investigators; and
11. the facilitation of informal scientific exchange with leading researchers in the cancer field.

PROCEDURES FOR APPLICATION

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

After review of applications for associate membership, the Executive Director will notify candidates of their election or deferral within one month of the receipt of the application form. A check for one year's dues payment must accompany the application. Dues for 1998 and 1999 are $55 for associate members residing in the Americas and $65 for residents of other countries. This fee will be refunded to any candidate deemed to be ineligible for associate membership. Checks should be in U.S. currency, made payable to AACR, Inc., and drawn on a U.S. bank. Send the three copies of the application form and the appropriate dues payment to:

Membership Services Department
American Association for Cancer Research
Public Ledger Building, Suite 826
150 S. Independence Mall West
Philadelphia, PA 19106-3483
Phone: 215/440-9300
Fax: 215/440-9412
E-mail: membership@aacr.org

RESPONSIBILITIES OF MEMBERSHIP

Associate members must pay annual dues in an amount to be determined by the AACR Board of Directors. Dues for 1999 have been set at $55 per year for residents of the Americas and $65 for residents of other countries. If an application is submitted by August 31, the accompanying dues payment will be credited to the current year. Candidates submitting applications between September 1 and December 31 may indicate whether they wish their dues payments credited to the current or forthcoming year. Candidates should be aware, however, that associate members may sponsor an abstract for the annual meeting only if their dues for the current year are paid. For example, an associate member submitting an abstract in November 1998 for the forthcoming annual meeting must have paid dues for 1998. Any newly elected associate members of the AACR who have already purchased subscriptions to *Cancer Research*, *Clinical Cancer Research, Cell Growth & Differentiation*, or *Cancer Epidemiology, Biomarkers & Prevention* at the higher, nonmember rate will receive a refund for the unused portion of that subscription upon receipt of their payment for a member's subscription.

Each Fall the AACR will send to current associate members an invoice for dues for the forthcoming year. Payment of this invoice must be accompanied by a statement signed by the associate member's current registrar, dean, or department head, verifying the member's current academic status. The Association's By-Laws state that dues are payable for each year in advance by January 1 of the year to which they should be applied. An individual may be an associate member for a maximum of five years. Each year in which an individual pays dues will count as one full year of associate membership. Thus, an associate member who pays dues for 1999 may retain associate membership until December 31, 2003. The Board of Directors may terminate the membership of an associate member whose dues are in arrears for two years.

Margaret Foti, Ph.D.
Executive Director
APPLICATION FOR ASSOCIATE MEMBERSHIP

NAME OF CANDIDATE: ____________________________

INSTITUTIONAL AFFILIATION: ____________________________

INSTITUTIONAL ADDRESS: ____________________________

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

TELEPHONE NUMBER: ____________________________ FAX NUMBER: ____________________________

E-MAIL ADDRESS: ____________________________

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

Graduate Student
Medical Student
Physician in Training
Postdoctoral Fellow

Gender: □ Male □ Female

PRIMARY FIELD OF RESEARCH (Please check only one):

Biochemistry and Biophysics
Biostatistics
Cellular Biology and Genetics
Clinical Investigations
Epidemiology
Immunology
Preclinical Pharmacology and Experimental Therapeutics
Virology
Carcinogenesis
Endocrinology
Molecular Biology and Genetics
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 print)

SIGNATURES

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

Signature of Candidate: ____________________________ Date: ____________________________

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

Signature of Nominator*: ____________________________ Date: ____________________________

Submit three copies of this form. At least one copy must contain the original signatures of the candidate and the nominator. In addition, submit one copy of your curriculum vitae. Enclose a check in U.S. funds, made payable to AACR, Inc., and drawn on a U.S. bank for one year’s dues. For 1998 and 1999, dues are $55 for associate members residing in the Americas and $65 for residents of other countries.

Check one of the following boxes only if this form is being submitted between September 1 and December 31:

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

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

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

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

The word processing packages that we prefer are as follows:

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

Also acceptable:

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

- Mass 11
- MS Windows Write
- MS Works
- MS Works WP Mac
- Multimate
- Multimate Advantage
- Nibia
- Nisus (to ASCII file)
- Notewriter
- OfficeWriter
- PC Write
- PFS First Choice
- Professional Write
- Q&A Write
- Quark XPress
- RagTime MS Works
- (to ASCII file)
- Rich Text Format
- RSG (to ASCII file)
- Signature
- S LiTeX
- SmartWhere
- SmartWrite II
- SoloWriter
- Sprint
- Stx
- SunWrite
- Symphony
- TEX
- TeX78
- Text EXecutive
- Textures
- Total Word
- Troff
- μTeX
- Volkswriter
- VuWriter
- Wang OIS
- Wang WPS
- Wang Writer
- Window Works
- Windows Write
- WiziWord
- Wordstar
- Wordstar 2000
- WriteNow
- Xerox

Software packages that we are unable to translate:

- FrameMaker
- PageMaker
- Ready, Set, Go
- Scientific Writer

Disks produced on IBM or IBM-compatible computers are preferred, but those produced on some Apple or Wang computers can also be converted. Because of the file structures and internal coding, we cannot accept disks created on desktop publishing systems or those created on proprietary typesetting systems. We also cannot guarantee that all special characters can be translated. Tabular and mathematical material, such as equations, will not be captured from the disk but will be rekeyed.

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

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

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

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

File preparation

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

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

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

Name used to access paper on disk: ________________________________
Name of computer used (e.g., IBM/PS2): __________________________
Operating system and version (e.g., DOS 3.3): _______________________
Word processing program and version (e.g., WordPerfect 5.0): ________________
[See reverse for acceptable programs.]

Manuscript number: _____________________________________________
First author: ___________________________________________________
Corresponding author (if different from first author): ____________________
Telephone/FAX numbers: _________________________________________

This form (both sides) may be reproduced.
Patients Sought for Immunotoxin Studies

The National Cancer Institute (NCI) seeks patients for a new clinical study involving immunotoxin erb-38—a novel agent in which the variable regions of a monoclonal antibody against HER-2/neu have been linked to a truncated bacterial toxin. The reagent has been bioengineered to recognize the gene product of HER-2/neu.

Patients with breast, stomach, lung, ovarian, or colon cancer whose tumors express HER-2/neu are potential candidates. NCI will provide eligible patients with treatment and travel to the Clinical Center in Bethesda, Maryland. Please call the NCI Clinical Studies Support Center at 1-888-NCI-1937.
AACR MINORITY SCHOLAR AWARDS IN CANCER RESEARCH
Supported by a generous grant from the Comprehensive Minority Biomedical Program of the National Cancer Institute (NCI)

AACR Minority Scholar Awards in Cancer Research are offered to eligible minority scientists wishing to attend the Annual Meeting and Special Conferences of the American Association for Cancer Research (AACR). The awards are supported by a generous grant from the Comprehensive Minority Biomedical Program of the National Cancer Institute (NCI). Those eligible for these awards are graduate and medical students, physicians-in-training, and postdoctoral students from minority groups considered underrepresented in cancer research by the NCI, i.e., African Americans, Alaskan Natives, Hispanic Americans, Native Americans, and Native Pacific Islanders.

The 90th AACR Annual Meeting will take place April 10-14, 1999, in Philadelphia, PA. This annual meeting will attract approximately 8,500 scientists from around the world, will provide the latest findings in the most rapidly developing areas of basic, clinical, and translational cancer research, and will feature major presentations from prominent scientists who are making important advances in the field. The deadline for receipt of applications for Minority Scholar Awards for the 90th AACR Annual Meeting is December 4, 1998.

Applications for Special Conference awards are due approximately two months before the date of the meeting. The AACR Special Conferences on focused topics in cancer research have gained wide recognition as unique opportunities for in-depth discussion of important scientific issues in attractive, informal resort environments. For Special Conferences only, minority faculty at the level of Instructor, Lecturer, or Assistant Professor are also eligible for these awards.

If you would like to receive an Official Application Form for this Award, please send your name and complete mailing address to:

Ms. Robin E. Felder, Membership Development Coordinator
American Association for Cancer Research (AACR)
Public Ledger Building, Suite 826
150 S. Independence Mall West
Philadelphia, PA 19106-3483
Telephone: 215-440-9300 • FAX: 215-440-9412
E-Mail Address: felder@aacr.org
http://www.aacr.org
The American Association for Cancer Research (AACR) is extremely pleased to announce the availability of Awards in Cancer Research for full-time faculty members of Historically Black Colleges and Universities (HBCUs). Supported by a generous grant provided by the Comprehensive Minority Biomedical Program of the National Cancer Institute, AACR-HBCU Faculty Awards in Cancer Research will be presented annually by the American Association for Cancer Research to scientists at the level of Assistant Professor or above at an HBCU who are engaged in meritorious basic, clinical, or translational cancer research.

The purpose of this Award program is to increase the scientific knowledge base of faculty members at Historically Black Colleges and Universities, and to encourage them and their students to pursue careers in cancer research. Financial support (up to $1,500 per Awardee) will be provided to Awardees wishing to attend the Annual Meetings and Special Conferences of the American Association for Cancer Research (AACR).

The 90th AACR Annual Meeting will take place April 10-14, 1999, in Philadelphia, PA. This annual meeting will attract approximately 8,500 scientists from around the world, will provide the latest findings in the most rapidly developing areas of basic, clinical, and translational cancer research; and will feature major presentations from prominent scientists who are making important advances in the field. The deadline for receipt of applications for AACR-HBCU Faculty Awards for the 90th AACR Annual Meeting is December 4, 1998.

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E-Mail Address: felder@aacr.org
http://www.aacr.org
Eating Healthier Is Easier Than You Think. It Starts With a Phone Call.

The National Cancer Institute has free booklets in English and Spanish with tips and recipes for losing weight, eating healthier, and preventing cancer. For answers to your questions about cancer and to order publications on these and other topics, call NCI’s Cancer Information Service at 1-800-4-CANCER (1-800-422-6237). Persons with TTY equipment, dial 1-800-332-8615.
AACR SCIENCE EDUCATION AWARDS FOR STUDENTS

American Association for Cancer Research

1999 AACR Annual Meeting
April 10-14, 1999
Philadelphia, PA
and
2000 AACR Annual Meeting
April 1-5, 2000
San Francisco, CA

The American Association for Cancer Research (AACR) is pleased to announce the availability of 1999-2000 AACR Science Education Awards for Students. These awards are intended to inspire young science students to enter the field of cancer research, and will provide a unique educational opportunity for these students in the development of their careers in science.

This award program applies to full-time, third-year undergraduate students majoring in science and to third-year graduate or medical students. Only citizens of the United States and Canada, or students who are permanent residents enrolled in institutions in those countries, may receive one of these awards.

Awardees will be selected on the basis of their qualifications and interest in research, references from their mentors, and the selection committee's evaluation of the potential professional benefit of the award to the candidates. A selection committee consisting of members of the AACR will carefully review submitted applications and letters of reference prior to choosing the awardees. Applications from students who are not yet committed to cancer research are welcome. This two-year award will consist of a waiver of registration fees for participation in the 1999 and 2000 AACR Annual Meetings, and a $1,500 stipend each year to be used by the awardee for expenses incurred in connection with attendance at these meetings as well as related school projects or events throughout the year. Such projects may include seminar presentations, workshops, literature retrievals, laboratory fees, or other research-related activities that are pertinent to this science education program.

Awardees are required to participate in both the 1999 and 2000 AACR Annual Meetings, to attend scientific sessions at each meeting for a minimum of four days, and to participate in all planned activities for the awardees. They are also required to submit two annual reports commenting on the sessions they attended at each of the two annual meetings as well as on the other activities which they are pursuing. The deadline for receipt of applications is December 14, 1998. If you would like to receive an Official Application Form for this Award, please send your name and complete mailing address to:

Ms. Robin E. Felder, Membership Development Coordinator
American Association for Cancer Research (AACR)
Public Ledger Building, Suite 826
150 S. Independence Mall West
Philadelphia, PA 19106-3483
Telephone: 215-440-9300 • FAX: 215-440-9412
E-Mail Address: felder@aacr.org
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- 1998 Annual Meeting Abstracts
- Abstracts of Articles from AACR Journals
- Instructions for Authors
- Information about AACR Research Fellowships and Young Investigator Awards
- The latest AACR Newsletter, and more!
AMERICAN ASSOCIATION FOR CANCER RESEARCH

CAREER DEVELOPMENT AWARDS

New Program to Support the Professional Development of Junior Faculty

Available to Cancer Researchers Around the World

Purpose: The AARC Career Development Awards in Cancer Research will be presented for the first time in 1999. These two-year, international awards support research by junior, tenure-track scientists, at the level of Assistant Professor, who are engaged in meritorious cancer research at an academic institution anywhere in the world. The AARC-National Foundation for Cancer Research Career Development Award is restricted to proposals in basic research related to any type of cancer. The AARC-Susan G. Komen Breast Cancer Foundation Career Development Award is restricted to proposals for basic, clinical, or translational research related to breast cancer, including epidemiological and prevention studies.

Support: The two-year, international grants provide $50,000 per year. The grant covers direct research expenses, which may include payments to research assistants. The grant is not intended to replace or supplement the salary of the primary investigator.

Sponsor: The AARC Career Development Awards are generously sponsored by the National Cancer Research Foundation and the Susan G. Komen Breast Cancer Foundation.

Eligibility

At the time of application, candidates must be in the first or second year of a full-time, tenure-track faculty appointment, at the level of Assistant Professor, in an academic institution anywhere in the world. Candidates must also have completed productive postdoctoral research and demonstrated independent, investigator-initiated research. Employees of a national government and employees of private industry are not eligible. Candidates must be nominated by a member of AARC and must be an AARC member or apply for membership by the time the fellowship application is submitted. AARC Associate Members may not be nominators.

Selection Process

Applications are evaluated by a prestigious, multi-disciplinary committee consisting of AARC Members who are experts in basic, clinical, prevention, and translational research. The application deadline is January 15, 1999.

More Information

The application form and complete guidelines can be requested by contacting AARC at the address below. The materials will soon be available at the AARC’s website, www.aacr.org.

American Association for Cancer Research
Public Ledger Building, Suite 826
150 South Independence Mall West
Philadelphia, PA 19106-3483
ph: (215) 440-9300; f: (215) 440-9372
e-mail: horst@aacr.org
Attn: Jenny Anne Horst-Martz
AMERICAN ASSOCIATION FOR CANCER RESEARCH SCIENTIFIC CONFERENCES

NOVEMBER 11-15, 1998
Endogenous Sources of Mutations
Chairpersons: Lawrence J. Marnett, Nashville, TN; James A. Swenberg, Chapel Hill, NC; and Tomas Lindahl, Herts, England
Sanibel Harbour Resort and Spa, Ft. Myers, FL

DECEMBER 2-6, 1998
New Research Approaches to the Prevention and Cure of Prostate Cancer
Chairpersons: Jonathan W. Simons, Baltimore, MD, and Kenneth J. Pienta, Ann Arbor, MI
Hyatt Grand Champions Resort, Indian Wells (Palm Springs), CA

JANUARY 8-12, 1999
The Steroid Receptor Superfamily
Chairpersons: Michael G. Rosenfeld, La Jolla, CA, and Christopher K. Glass, La Jolla, CA
Renaissance Esmeralda Resort, Indian Wells (Palm Springs), CA

JANUARY 31-FEBRUARY 5, 1999
Cancer Biology and the Mutant Mouse: New Methods, New Models, New Insights
Chairpersons: Tyler Jacks, Cambridge, MA, and Ronald A. DePinho, Boston, MA
Keystone Resort, Keystone, CO

MARCH 4-8, 1999
Molecular Determinants of Sensitivity to Antitumor Agents
Chairpersons: Michael B. Kastan, Memphis, TN, and I. David Goldman, Bronx, NY
Whistler Resort and Conference Centre, Whistler, British Columbia, Canada

APRIL 10-14, 1999
90th Annual Meeting
Chairperson: Waun Ki Hong, Houston, TX
Co-Chairpersons: Carol W. Greider, Cold Spring Harbor, NY; Leory F. Liu, Piscataway, NJ; and Joseph F. Fraumeni, Jr., Bethesda, MD
Pennsylvania Convention Center, Philadelphia, PA

SEPTEMBER 22-26, 1999
Molecular Aspects of Metastasis
Chairperson: Ruth J. Muschel, Philadelphia, PA;
Additional Chairperson to be Announced
Snowmass Village Resort, Snowmass, CO

OCTOBER 6-10, 1999
The Molecular and Genetic Basis of Chemoprevention and Early Detection of Cancer
Chairpersons: David Sidransky, Baltimore, MD, and Frank L. Meyskens, Jr., Irvine, CA
Sheraton Bal Harbour Resort, Bal Harbour, FL

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

American Association for Cancer Research
Public Ledger Building, Suite 826
150 South Independence Mall West
Philadelphia, PA 19106-3483
215-440-9300 • 215-440-9313 (FAX)
E-Mail: meetings@aacr.org
For regular updates to this list visit the AACR's Website, http://www.aacr.org
EDUCATIONAL SESSIONS AND METHODS WORKSHOPS (SATURDAY AFTERNOON, APRIL 10, 1999)
To Be Announced

OFFICIAL OPENING EVENT (SUNDAY MORNING, APRIL 11, 1999)
Presidential Address (Webster K. Cavenee)
Plenary Session: New Frontiers in Cancer Research
Genetics (Robert A. Weinberg)
Immunology and Vaccines (Lloyd J. Old)
Therapeutics and Translational Research (Judah Folkman)
Hormonal Intervention and Prevention (C. Kent Osborne)
AACR-Pezcoller International Cancer Research Award Lecture
Special Lecture (James D. Watson)

SYMPOSIA
Animal Models for Human Cancer: Recent Developments, New Challenges (Tyler Jacks)
Advances in Chemoprevention (Raymond N. DuBois)
Infectious Agents and Cancer (Nancy E. Mueller)
Ubiquitin and Protein Degradation (Alexander V. Varshavsky)
Genomics, Genetics, and New Approaches to Cancer (Richard D. Klausner)
Transcriptional Regulation and Cancer (Lorraine J. Gudas)
Drug Discovery: From Basic Science to the Clinic (Daniel D. Von Hoff)
Cancer Vaccines (Ronald Levy)
DNA Repair (Richard D. Kolodner)
Telomeres, Centromeres, and Chromosomal Instability (Carol W. Greider)
Basic and Clinical Approaches to Ovarian Cancer (Robert C. Bast, Jr.)
Gene Environment Interactions in Cancer Etiology (Margaret R. Spitz and Kenneth Olden)
Apoptosis (Craig B. Thompson)
Molecular Targeted Therapy (John Mendelsohn)
Basic and Clinical Approaches to Lung Cancer (David Paul Carbone)
Diet and Cancer: Process and Paradox (John D. Potter)
Genetic Instability, DNA Damage, and Checkpoint Regulation (Geoffrey Wahl)
Invasion, Metastasis, and Angiogenesis (Isaiah J. Fidler)
Drug Resistance and Cell Cycle Abnormalities (Joseph R. Bertino)
Hormonally Related Tumors: Basic and Clinical Aspects (Bert W. O'Malley and Marc E. Lippman)
Late Breaking Science (Waun Ki Hong and Webster K. Cavenee)
Topoisomerases in Carcinogenesis and Cancer Treatment (Leroy Fong Liu)
Repllication and the Cell Cycle (Jacqueline A. Lees)
Future Directions in Research on Tobacco and Cancer (Virginia L. Ernster)
Advances in Stem Cell Gene Therapy (Cynthia E. Dunbar)

FORUMS
Tamoxifen: Risks and Benefits
Ethical and Legal Issues in Genetic Testing

"MEET-THE-EXPERT" SUNRISE SESSIONS
Drug Resistance (Susan P. C. Cole)
Cancer Screening (Barnett S. Kramer)
Molecular Signaling of CML (Jean Y. J. Wang)
Apoptosis and Chemotherapy (John A. Hickman)
Caspases (Nancy A. Thornberry)
Molecular Cytogenetics (Joe W. Gray)
p53 Gene Therapy-mediated Radio/Chemosensitization (Esther H. Chang)
Clinical and Molecular Genetics of Multiple Endocrine Neoplasia Type 2
(Bruce A. J. Ponder)
Differentiation Therapy (Samuel Waxman)
AIDS-related Malignancies (Ellen G. Feigal)
Tumor Vaccine Therapy (Michael T. Lotze)
Integration of Biological Agents into Radiotherapy (Chang W. Song)
Molecular Detection of Minimal Residual Disease (Theodore F. Zipf)
Microsatellite Instability (David Sidransky)
Chemoprevention Trials: Science vs. Art vs. Fantasy (David S. Alberts)
Genetic Imprinting (Andrew P. Feinberg)
Cancer Metastasis: Cellular and Clinical Studies (David Tarin)
Embryonal Stem-cell-based Technology (Randall Johnson)
Replicative Senescence (Judith Campisi)
Drug Design and Development (Randall K. Johnson)
In Vivo Imaging of Gene Expression in Solid Tumors (Ralph Weissleder)
The RB Family and CDKs in the Cell Cycle in Cancer (Antonio Giordano)
Prospects for Biological Agents (Peter J. Houghton)
Disorders in Cell Circuitry in Cancer (Michaele B. Christian)
bcl2: Its Family and Modification (Timothy J. McDonnell)
Chemoprevention in Respiratory Cancer (Lee W. Wattenberg)
TGF-β and Colon Cancer (Sanford Markowitz)
Inherited Susceptibility to Breast and Ovarian Cancers (Funmi I. Olopade)
VEGF (Harold F. Dvorak)
Origins of Melanoma (Margaret A. Tucker)
Biology of Premalignant Lesions (Walter N. Hittelman)
Genetic Determinants of Prostate Cancer (William B. Isaacs)
DNA Repair: Breaking Cycle-specific Constraints in Combination Therapy (William K. Puntkett)
Antisense Therapies (Stanley T. Crooke)
Small Molecule Inhibitors of Protein Kinases That Block Tumor Angiogenesis for the Treatment of Cancer and Metastasis (Jerry McMahon)
Integration of Biological Agents into Chemotherapy (Herbert M. Pinedo)
New Therapeutic Agents (Michaële C. Christian)
myc (Chi Van Dang)
Isolation of Genes Regulated by p53 or Beta-catenin and Their Roles in Human Carcinogenesis (Yusuke Nakamura)
Behavioral Oncology (Barbara K. Rimer)
Mdm2 (Guillermina Lozano)
Molecular Processes in DNA Repair After Irradiation (Gloria C. Li)
Natural Agents and Chemoprevention (Hirotu Fujiiki)
Genetics of Wilms Tumor (Michael R. DeBaun)

Further Information: AACR Office • Public Ledger Building, Suite 826 • 150 S. Independence Mall West • Philadelphia, PA 19106-3483 • Telephone: 215-440-9300 • Fax: 215-440-9313 • E-mail: meetings@aacr.org • Website: http://www.aacr.org