ASSISTANT OR ASSOCIATE PROFESSOR
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Children's Hospital Los Angeles (CHLA) and the
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The candidate must have a minimum of 3 years
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laboratory research in autologous transplantation
and/or biotherapy (e.g., differentiation inducers,
cytokines, monoclonal antibodies, hematopoiesis).
This individual's effort will be 45% patient care and
teaching (ABMT and Hematology-Oncology), 45%
research, 10% administration. Send curriculum vitae
and list of three references to Dr. Robert C. Seeger,
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MOLECULAR ONCOLOGY AS A BASIS FOR NEW STRATEGIES IN CANCER THERAPY

Second Joint Conference of the American Association for Cancer Research and the Japanese Cancer Association
Sheraton Waikiki Hotel, Honolulu, HI
February 10-14, 1992

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The Cell Surface, Signal Transduction, and Chemoprevention
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KATSUHIKO MIKOSHIBA / Osaka
MINAKO NAGAO / Tokyo
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Recent Advances in Chemotherapy and Drug Resistance
ENRICO MILOGHI / Buffalo
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TERUHIKO BEPPU / Tokyo
SHIN YONEHARA / Tokyo
PAUL S. MILLER / Baltimore
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YOSHIHIDE HAYASHIZAKI / Osaka
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Overview and Summary
YUNG-CHI CHENG / New Haven

Scientists are encouraged to submit abstracts of papers for consideration for poster sessions. Persons in the Americas and countries other than Japan may obtain additional information from the AACR Office.

American Association for Cancer Research
Public Ledger Building
620 Chestnut Street, Suite 816
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Telephone: (215) 440-9300
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Japanese Cancer Association
National Cancer Center
5-1-1 Tsukiji, Chuou-ku
Tokyo, 104 JAPAN
The Division of Cancer Etiology

National Cancer Institute
Announces To The Scientific Community
The Availability of the Following
Resources/Services For Cancer Related Research
As Noted Below:

**Biological Resources**

- **Cost:** $375/Analysis

  - **Cell Culture Identification Service.** Using Isozyme Analysis, Immunofluorescence and Karyotpic Analysis (Chromosome Banding).
    
    **Contact:** Dr. Ward Peterson
    
    Children’s Hospital of Michigan
    
    3091 Beauregard Boulevard
    
    Detroit, MI 48201
    
    (313) 745-5570
    
    Citing Contract #N01-CP-85645

- **Goat Antisera Against: Avian, Bovine, Feline, Murine, and Primate Intact Viruses and Viral Proteins; Antibodies to Immunoglobulins for a number of species. Premune Sera available for some Virus Antisera.**
  
  **Contact:** Alice K. Robison, Ph.D.
  
  BCB Repository
  
  Quality Biotech, Inc.
  
  1667 Davis Street
  
  Camden, NJ 08104
  
  (609) 966-8000
  
  (609) 342-8078 FAX
  
  Citing Contract #N01-CP-15665
  
  **Cost:** $75.00/5 ml. (Antisera)
  
  $5.00/100 ml. (Immunoglobulins) (Frozen Material)

- **Viruses: Avian, Feline, Murine, and Primate Viruses Produced in vivo and in vitro.**
  
  **Contact:** Alice K. Robison, Ph.D.
  
  BCB Repository
  
  Quality Biotech, Inc.
  
  1667 Davis Street
  
  Camden, NJ 08104
  
  (609) 966-8000
  
  (609) 342-8078 FAX
  
  Citing Contract #N01-CP-15665
  
  **Cost:** Inquire

- **Monoclonal Antibodies are available with specificities for synthetic peptides representing the amino acid sequences of the left end, right end and active site of the oncogene products of avian and mammalian retroviruses. Blocking peptides are also available, as are a limited number of cell lines producing the monoclonal antibodies.**
  
  **Contact:** Alice K. Robison, Ph.D.
  
  BCB Repository
  
  Quality Biotech, Inc.
  
  1667 Davis Street
  
  Camden, NJ 08104
  
  (609) 966-8000
  
  (609) 342-8078 FAX
  
  Citing Contract #N01-CP-15665
  
  **Cost:** Peptides — $25.00/mg.
  
  Ascites Fluid — $45.00/ml.
  
  Cell Culture — $100.00/culture.
  
  (Plus Shipping and Handling)

- **Human sera from donors with: Malignancies (including nasopharyngeal carcinoma), Non-Malignant Disorders, and Normal Individuals.**

  **Contact:** Coordinator for Research Resources
  
  Biological Carcinogenesis Branch,
  
  DCE, NCI, NIH
  
  Executive Plaza North, Room 540
  
  Bethesda, MD 20892
  
  **Cost:** Shipping and handling charges only.

- **The Division of Cancer Etiology’s Registry of Experimental Cancers announces the availability of 16 different study sets containing histologic slides of rodent tumors.**

  **Contact:** Registry of Experimental Cancers
  
  National Cancer Institute
  
  Building 41, Room D311
  
  NIH, Bethesda, MD 20892

  **USA**

**Chemical Resources**

- **Cost:** Inquire

  - **Analytical resources for the collection, separation, and elucidation of the components of cigarette smoke and cigarette smoke condensates: A contractor with experience in the development of analytical methods for the determination of constituents of cigarette smoke and of specialty instrumentation for inhalation toxicology is available to assist qualified investigators with particular interest in studies on human and animal model exposure to environmental and sidestream smoke. A large inventory of reference experimental cigarettes, Standard Low Yield Reference Cigarettes, and an extensive chemical data base on smoke and smoke condensate components is available.**

    **Contact:** Harold E. Selfried, Ph.D.
    
    Chemical and Physical Carcinogenesis Branch DCE, NCI
    
    Executive Plaza North, Room 700
    
    Bethesda, MD 20892
    
    (301) 496-5471

  - **Chemical Carcinogen Reference Standard Repository: Reference quantities of over 750 compounds are available. The newest additions are dilute aqueous standards of PAH deoxyguanosine-3'-monophosphates for Randerath 32P post labelling assays. Other classes of available compounds are: fcec-heterocycles, nitrogen metabolites, nitrosamines/nitrosamides, aromatic amines, aromatic amine metabolites, azoazoxy aromatics, inorganic and organoaromatics, pesticides, pharmaceuticals, natural products, and dioxins and chlorinated aliphatics. Data sheets provided with the compounds include chemical and physical properties, analytical data, hazards, storage, and handling information. Catalog available upon request.**

    **Contact:** Manager, NCI Chemical Carcinogen Repository
    
    Midwest Research Institute
    
    425 Volker Boulevard
    
    Kansas City, MO 64110
    
    (816) 753-7600, Ext. 523

    **Cost:** Subject to chemical class code and quantity (see catalog) plus handling and shipping charges.
Epidemiology Resources

- The Tumor Virus Epidemiology Repository (TVER) contains sera and other biological samples from more than 13,000 patients and controls obtained in 12 different countries. The TVER was established primarily to support collaborative research on the role of Epstein-Barr virus (EBV) in Burkitt's lymphoma, nasopharyngeal carcinoma, and related diseases. The TVER is able to adjust its collection to facilitate the development of new collaborative studies. In addition, some samples are available for reagents and independent research. The most extensive collections are serum samples from patients with Burkitt's lymphoma (sera from more than 1,000 patients).

  Contact: Dr. Paul H. Levine
  Environmental Epidemiology Branch, DCE, NCI, NIH
  Executive Plaza North, Room 434
  Bethesda, MD 20892
  (301) 496-8115
  Cost: Free to Collaborating Investigators; Others: Dependent on Processing Time

- The National Cancer Institute has available the Animal Morbidity/Mortality Survey of Colleges of Veterinary Medicine in North America (also known as the Veterinary Medical Data Program). This unique registry of veterinary medical information represents patient data on animals seen at collaborating veterinary teaching facilities; 3 million hospital episodes have been abstracted and computerized in a standardized record format. Disease information is coded using the scheme of the Standard Nomenclature of Veterinary Disease and Operations. The computer tapes will be made available upon request.

  Contact: Dr. Howard M. Hayes
  Environmental Epidemiology Branch
  Epidemiology and Biostatistics Program
  Division of Cancer Etiology
  Executive Plaza North, Room 443
  Bethesda, MD 20892
  (301) 496-1891
  Cost: Inquire

- The National Institute of Allergy and Infectious Diseases and the National Cancer Institute have developed a repository of biological specimens from homosexual men. The specimens were collected through contracts with five major U.S. universities for studies of the natural history of acquired immune deficiency syndrome (AIDS). Information about applying for collaborative use of these specimens is available from the NIAID Project Office or the NCI Co-Project Officer.

  Contact: Chief, Epidemiology Branch, AIDS Program
  National Institute of Allergy and Infectious Diseases
  CDC, Bldg. 9, Room 240
  National Institutes of Health
  Bethesda, MD 20892
  or to
  Chief, Extramural Programs Branch, EBPs, Division of Cancer Etiology, NCI
  Executive Plaza North, Room 535
  Bethesda, MD 20892

- The Epidemiology and Biostatistics Program of the National Cancer Institute has developed the Observed versus Expected (O/E) software system which calculates: (1) the number of observed events (e.g. cancer cases or deaths) in a study group at risk; (2) the number of expected events in a study group based on the rate of occurrence in some standard or referent population; (3) the ratio of observed to expected events; and (4) the significance of this ratio. The system is user friendly and capable of executing a series of calculations by different variables such as age, time group, date of exposure, age at date of exposure, duration of exposure, year relative to entry and cause of event. The O/E System provides tables by race, sex and user defined variables, allows user defined latency intervals and accepts standard or user prepared rates. O/E is written in COBOL and is exportable to most mainframes.

  Contact: Ruth Wolfson
  Epidemiology and Biostatistics Program
  Division of Cancer Etiology, NCI
  Executive Plaza North, Room 531
  Bethesda, MD 20892
  (301) 496-1606
  Cost: Free to investigators interested in epidemiologic research.

- Human fibroblast cultures from individuals at high risk of cancer, members of cancer-prone families, and normal family members are available. Collection is historical with unknown viability. Catalog unavailable. Information requests should include potential use of cultures.

  Contact: Chief, Family Studies Section, EEB, DCE, NCI, NIH
  Executive Plaza North, Room 439
  Bethesda, MD 20892
  (301) 496-4375
  Cost: Free to collaborating investigators

Environmental Cancer

- NCI's Chemical Carcinogenesis Research Information System (CCRIS) is available online through the National Library of Medicine's Toxicology Data Network (TOXNET) system. Through an interagency agreement between NCI and NLM, the CCRIS database has been built and will be maintained and updated as one of TOXNET's sponsored databases in the broad areas of chemistry, toxicology, and hazardous waste information. The CCRIS database contains evaluated data and information on carcinogens, mutagens, tumor promoters, cocarcinogens, metabolites of carcinogens, and carcinogen inhibitors derived from published review articles, ongoing current awareness survey of primary literature, NCI/NTF's short- and long-term bioassay studies, the IARC Monographs on the Evaluation of Carcinogenic Risk of Chemicals to Man, and special studies and reports.

  Contact: Dr. Thomas P. Cameron
  Office of the Director
  Division of Cancer Etiology
  National Cancer Institute
  Executive Plaza North, Room 712
  Bethesda, MD 20892
  (301) 496-1625
  Cost: Inquire

- The Special Assistant for Environmental Cancer, Office of the Director, announces the availability of a limited number of copies of the following publications, which have been prepared under contract to NCI:
  - Survey of Compounds Which Have Been Tested for Carcinogenic Activity, PHS-149, 1967-1986
  - And Proceedings of the Fourth NCI/EPA/NIOSH Collaborative Workshop: Progress on Joint Environmental and Occupational Cancer Studies, 1986

  Contact: Ms. I.C. Blackwood
  Office of the Director
  Division of Cancer Etiology
  National Cancer Institute
  Executive Plaza North, Room 712
  Bethesda, MD 20892
  (301) 496-1625
  Cost: Free to investigators interested in environmental cancer.
Concepts and Molecular Mechanisms of Multistage Carcinogenesis
First Joint Conference of the American Association for Cancer Research
and the European Association for Cancer Research
immediately following EACR-XI in Genoa
Additional Support from the Istituto Nazionale per la Ricerca sul Cancro

Grand Hotel Miramare, Santa Margherita, Italy
November 6-9, 1991

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Epidemiological and Experimental Evidence for the Multistage Process
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DNA Replication, Damage, and Repair
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PHILIP C. HANAWALT / Stanford, USA
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Multiple Genetic Changes during Tumor Development
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ANTON BERMS / Amsterdam, The Netherlands
TERRY H. RABBITTS / Cambridge, England
WEBSTER K. CAVENEE / Montreal, Canada

Genetic Aspects of Tumor Suppression
GEORGE KLEIN / Stockholm, Sweden
ERIC J. STANBRIDGE / Irvine, USA
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DAVID P. LANE / Herts, England
NICHOLAS HASTIE / Edinburgh, Scotland
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Growth Factors and Signal Transduction
HAROLD L. MOSES / Nashville, USA
GIUSEPPE DELLA PORTA / Milan, Italy
CHRISTOPHER J. MARSHALL / London, England
CARL-HENRIK HELDIN / Uppsala, Sweden
RIK DERYNCK / South San Francisco, USA

Overview and Future Directions
I. BERNARD WEINSTEIN / New York, USA

APPLICATION FORMS
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Philadelphia, PA 19106, USA
215-440-9300 215-440-9313 (FAX)

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10-202541 10-299382 (FAX)

The AACR and EACR invite the international community of cancer researchers to submit applications for this exciting conference.

A limited number of travel grants for graduate and medical students, postdoctoral fellows, and physicians in training will be available.
The American Association for Cancer Research announces

AACR Special Conferences in Cancer Research

NEGATIVE CONTROLS ON CELL GROWTH AND THEIR BREAKDOWN DURING THE PATHOGENESIS OF CANCER

October 20–24, 1991, Chatham, Massachusetts
Organizers: Robert A. Weinberg, Arnold J. Levine, David M. Livingston, Eric J. Stanbridge

CONCEPTS AND MOLECULAR MECHANISMS OF MULTISTAGE CARCINOGENESIS

November 6–9, 1991, Santa Margherita, Italy
Organizers: I. Bernard Weinstein, Peter Bannasch, Arthur P. Grollman, Harold L. Moses, Allan Balmain, Jan Svoboda

CELLULAR RESPONSES TO ENVIRONMENTAL DNA DAMAGE

December 1–6, 1991, Banff, Alberta, Canada
Organizers: Philip C. Hanawalt, Malcolm C. Paterson

AMERICAN ASSOCIATION FOR CANCER RESEARCH
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Philadelphia, PA 19106
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Steven T. Rosen, M.D., pictured on this issue's cover, is the Genevieve Teuton Professor of Medicine and Director of the Northwestern University Cancer Center. Dr. Rosen is a 1976 honors graduate of Northwestern University Medical School. After serving a fellowship in clinical oncology at the National Cancer Institute, he joined the Northwestern faculty in 1981. He has specialized in tumor immunology and biological response modifier therapies, and has published 125 papers on these and related subjects. In 1989, Dr. Rosen was appointed to the Directorship of the Cancer Center, succeeding Dr. Nathaniel Berlin, who served as Director from 1975 to 1987.

The Center was founded in 1970 by Dr. John L. Brewer, a prominent leader in trophoblastic tumors and currently Chairman Emeritus of the Department of Obstetrics and Gynecology. During Dr. Berlin's tenure, laboratory and office space for the Center was constructed in the Health Sciences Building on the university's Chicago campus. Comprehensive clinical and basic science research programs were organized; additionally, a graduate training program in tumor cell biology was established.

A constant goal of the Center has been the coordination, cooperation, and integration of the wide range of experimental and clinical cancer research ongoing at Northwestern. Reflecting the separate locations of the university in Evanston and Chicago, the Center's basic research activities are conducted at both the medical school and the main university campus. Clinical and preclinical investigations are performed within the university's affiliate hospitals, which include Northwestern Memorial, Children's Memorial, Evanston/Glenbrook, The Rehabilitation Institute of Chicago, and the Veterans' Administration Lakeside Medical Center. The Kellogg Cancer Care Center, founded through the efforts of Edward F. Scanlon, Professor Emeritus of Surgery, serves as a locus for basic and clinical cancer research at Evanston Hospital.

Assisting Dr. Rosen is James Douglas Engel, Ph.D., Deputy Director of Basic Science. He holds the Owen T. Coon Professorship in Molecular Biology. Dr. Engel heads a varied interdisciplinary program in viral and chemical carcinogenesis, intra/extracellular signaling, regulation of the immune system, differentiation and development, cytoskeleton cell motility and cell matrix, and DNA-protein interactions. Sigmund A. Weitzman, M.D., is Deputy Director of Clinical Sciences and Professor of Medicine. Dr. Weitzman heads the preclinical and clinical research programs that are disease oriented. In addition, there are developing programs in bone marrow transplantation, rehabilitative aspects of cancer care, and cancer control. Altogether, the Center has 350 full and affiliate members. Information and photographs were kindly provided by Dr. Rosen.

Sidney Weinhouse