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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

■ Cell Culture Identification Service. Using Isozyme Analysis, Immunofluorescence and Karyotypic Analysis (Chromosome Banding).

Contact: Dr. Ward Peterson
Children's Hospital of Michigan
3901 Beaubien Boulevard
Detroit, MI 48201
(313) 745-5570

Citing Contract #N01-CP-85645

Cost: Inquire

■ Goat Antisera Against: Avian, Bovine, Feline, Murine, and Primate Intact Viruses and Viral Proteins; Antibodies to Immunoglobulins for a number of species. Preimmune 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)
25.00/5 ml. (Preimmune Sera)
65.00/100 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 various malignancies (including nasopharyngeal carcinoma), non-malignant disorders, and from normal individuals.

Contact: Program Director, Research Resources, Biological Carcinogenesis Branch,
DCE, NCI, NIH
Executive Plaza North, Room 540
Bethesda, MD 20892
(301) 496-1951
(301) 496-2025 FAX

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. The study sets, with accompanying syllabi, illustrate a variety of spontaneous and induced tumors, chiefly of rats, mice, and mastomys. Each set is available to cancer investigators worldwide, without charge, for up to two months. Requests or inquiries should be addressed to:

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

Chemical Resources

■ Analytical support for the collection, separation, and elucidation of environmental carcinogens including combustion and smoking-related exposures. A contractor with experience in the development of analytical methods for the determination of constituents of cigarette smoke and cigarette smoke condensates, and of specialty instrumentation for inhalation toxicology is available to assist qualified investigators with particular interest in human and animal model exposure to environmental and sidestream smoke. An extensive chemical data base on smoke and smoke condensate components is available.

Contact: Harold E. Seifried, Ph.D.
Chemical and Physical
Carcinogenesis Branch, DCE, NCI
Executive Plaza North, Room 700
Bethesda, MD 20892
(301) 496-5471
(301) 496-1040 FAX

Cost: Inquire

■ 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: fecal-pentaenes, food mutagens, polynuclear aromatic hydrocarbons (PAH), PAH metabolites, radiolabeled PAH metabolites, nitrogen heterocycles, nitrosamines/nitrosamides, aromatic amines, aromatic amine metabolites, azo/azoxy aromatics, inorganics, nitroaromatics, pesticides, pharmaceuticals, natural products, dyes, dioxins and chlorinated aliphatics. A number of radiolabeled PAH metabolites and nitrosamines are also available. 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
(816) 753-3664 FAX

Manager, NCI Radiolabeled
Chemical Repository
CHEMSYN Science Laboratories
13605 W. 96th Terrace
Lexena, KS 66215
(913) 541-0525
(913) 888-3582 FAX

Cost: Subject to chemical class code and quantity (see catalog) includes 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 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 Officer or the NCI Co-Project Officer.

Contact: Chief, Epidemiology Branch, AIDS
Program
National Institute of Allergy and
Infectious Diseases
CDC Bldg., Room 240
National Institutes of Health
Bethesda, MD 20892

or to Chief
Extramural Programs Branch, EBP,
Division of Cancer Etiology, NCI
Executive Plaza North, Room 535
Bethesda, MD 20892

■ 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 and contamination status. Catalogue 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.
Others: \$70/cell line.

■ 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) 496-1691

Cost: Inquire

■ 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.

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/NTP'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, 1987-1988 and 1989-1990.

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 National Cancer Institute, along with the National Institute of Environmental Health Sciences, the Centers for Disease Control, and the Food and Drug Administration, has, for many years, supported a study by the Michigan Department of Public Health dealing with an accidental exposure to polybrominated biphenyls.

The Michigan Long Term PBB Study is a well-maintained longitudinal database on 4,000 participants from rural farms in Michigan. This group was exposed to polybrominated biphenyls through consumption of contaminated farm animals and food products. The cohort was enrolled and characterized in 1975-76, establishing a database containing demographic, health history, medical condition, reproductive history, blood and tissue analyses, and chemical/environmental exposure information. Major life events—birth, death, cancer and major illnesses have been confirmed and updated annually. The project is currently completing a detailed recharacterization of all cohort members and their children. This longitudinal database is available for collaborative research investigating biological and human health outcomes from halogenated biphenyl exposure.

Contact: Dr. Harold E. B. Humphrey
Michigan Department of
Public Health
Division of Health Risk Assessment
3423 North Logan, P.O. Box 30195
Lansing, MI 48909
(517) 335-8350

Cost: Free to qualified investigators.

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