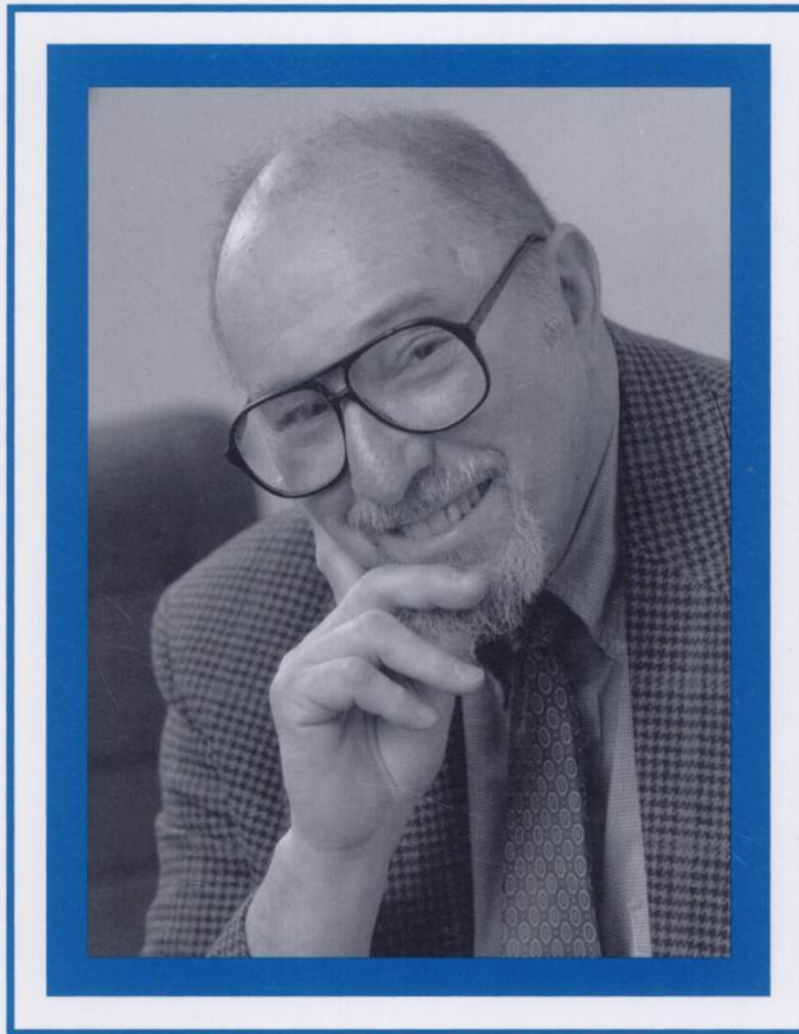




Cancer Research

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AMERICAN ASSOCIATION FOR CANCER RESEARCH SCIENTIFIC CONFERENCES

JANUARY 14-19, 1995

***Mechanism of Action of Retinoids,
Vitamin D, and Steroid Hormones***

Chairpersons: Michael B. Sporn, Bethesda, MD;
Ronald M. Evans, San Diego, CA; David
Mangelsdorf, Dallas, TX
Whistler Resort and Conference Centre, Whistler,
B.C., Canada

FEBRUARY 13-18, 1995

***Molecular Biology of Cancer: Implications
for Prevention and Therapy***

Joint Meeting with Japanese Cancer Association
Chairpersons: Lee W. Wattenberg, Minneapolis,
MN; Masaaki Terada, Tokyo, Japan
Maui Marriott Hotel, Maui, HI

MARCH 19-22, 1995

86th Annual Meeting

Chairperson: Donald S. Coffey, Baltimore, MD
Metro Toronto Convention Centre, Toronto,
Ontario, Canada

APRIL 1-6, 1995

***Signal Transduction of Normal
and Tumor Cells***

Chairperson: Anthony J. Pawson, Toronto,
Ontario, Canada; André Veillette, Montreal,
Quebec, Canada; Grant McFadden,
Edmonton, Alberta, Canada
Banff Centre, Banff, Alberta, Canada

OCTOBER 14-18, 1995

Cytokines and Cytokine Receptors

Chairperson: Steven Gillis, Seattle, WA
The Sagamore, Bolton Landing (Lake George),
NY

NOVEMBER 5-9, 1995

***Cancer: The Interface Between
Basic and Applied Research***

Chairpersons: Bert Vogelstein, Baltimore, MD;
Stephen H. Friend, Seattle, WA; John D.
Minna, Dallas, TX
Stouffer Harborplace Hotel, Baltimore, MD

NOVEMBER 17-21, 1995

***Novel Strategies Against
Resistant Cancers***

Chairpersons: Victor Ling, Toronto, Ontario,
Canada; Daniel D. Von Hoff, San Antonio, TX
Sanibel Harbour Resort & Spa, Ft. Myers, FL

DECEMBER 2-6, 1995

***The Molecular Basis of
Gene Transcription***

Chairperson: Tom Curran, Nutley, NJ
Hotel Del Coronado, Coronado (San Diego), CA

FEBRUARY 19-25, 1996

***Cancer Susceptibility Genes and
Molecular Carcinogenesis***

Chairpersons: Curtis C. Harris, Bethesda, MD;
Allan Balmain, Glasgow, Scotland; Kenneth
Olden, Research Triangle Park, NC
Keystone Resort, Keystone, CO

MARCH 1996

***Proteases and Their Inhibitors
in Cancer***

Chairpersons: Lynn M. Matrisian, Nashville, TN;
Bonnie F. Sloane, Detroit, MI
Location to be Announced

APRIL 20-24, 1996

87th Annual Meeting

Chairperson to be Announced
Washington D.C. Convention Center, Washington,
D.C.

JUNE 1996

Inducible Genomic Responses

Chairpersons: William T. Beck, Memphis, TN;
John A. Hickman, Birmingham, England;
Richard I. Morimoto, Evanston, IL
Location to be Announced

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

American Association for Cancer Research
Public Ledger Building, Suite 816
150 South Independence Mall West
Philadelphia, PA 19106-3483
215-440-9300 • 215-440-9313 (FAX)

AMERICAN ASSOCIATION FOR CANCER RESEARCH

The American Association for Cancer Research (AACR) is a professional society of over 10,000 scientists and physicians involved in cancer research. Members in the AACR enjoy

- subscriptions to the journals *Cancer Research*, *Cell Growth & Differentiation (CG&D)*, *Cancer Epidemiology, Biomarkers & Prevention*, and (starting in 1995) *Clinical Cancer Research* at reduced member rates
- early notification of and reduced registration rates at the AACR Annual Meeting and Special Conferences
- Employment Register, Directory of Members, public education activities, and many other benefits

Special programs to provide enhanced career development opportunities for minority scientists include

- **Mentorship Program**
- **Travel Awards to Scientific Meetings**

American Association for Cancer Research
Public Ledger Building, Suite 816
150 S. Independence Mall West
Philadelphia, PA 19106-3483
Telephone: (215) 440-9300
FAX: (215) 440-9313

THE VANDERBILT CANCER CENTER

Several tenure track faculty positions are available in the Vanderbilt Cancer Center. Positions are available at all academic ranks and carry competitive startup packages. Outstanding candidates will be considered in all fields of cancer research but priority will be given to individuals interested in the identification or functional characterization of cancer genes and in molecular epidemiology. Women and minorities are especially encouraged to apply. Investigators will have primary appointments in Medical School departments and will be housed in newly constructed Cancer Center space. Candidates should send a curriculum vitae, an outline of research plans, and three letters of recommendation to:

Chair, Faculty Search Committee
The Vanderbilt Cancer Center
876 Medical Research Building
Vanderbilt University Medical Center
Nashville, TN 37232-6838

Vanderbilt University is an
equal opportunity/affirmative action employer.

THE SURGERY BRANCH, NATIONAL CANCER INSTITUTE, NIH, IS SEEKING PATIENTS FOR ONGOING CLINICAL TREATMENT PROGRAMS.

PATIENTS WITH THE FOLLOWING MALIGNANCIES ARE BEING TREATED UNDER COMBINED MODALITY OR INNOVATIVE IMMUNOTHERAPY PROGRAMS:

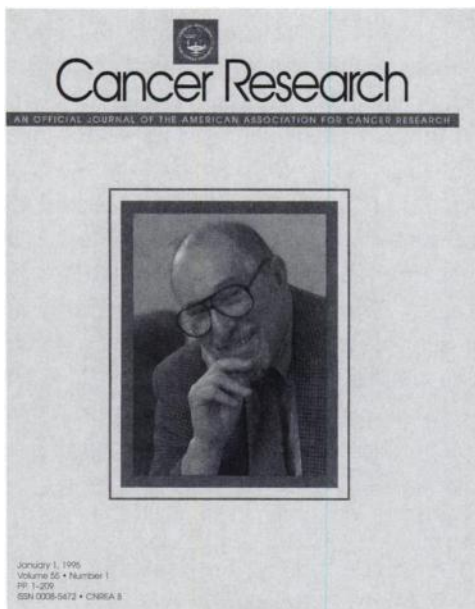
- METASTATIC MELANOMA AND KIDNEY CANCER •
- STAGE II OR LOCALLY ADVANCED BREAST CANCER •
- METASTATIC COLORECTAL CANCER TO THE LIVER •
- LOCOREGIONAL GASTRIC OR PANCREATIC CANCER •
- MESOTHELIOMA, PULMONARY METASTASES, STAGE III A, B LUNG CANCER OR ESOPHAGEAL CANCER •
- LOCALIZED SOFT TISSUE SARCOMAS •
- PERITONEAL CARCINOMATOSIS •

CARE FOR ALL PATIENTS IS PROVIDED AT THE CLINICAL CENTER, NIH, BETHESDA, MARYLAND.
FOR MORE INFORMATION ON CANCER PROGRAMS, PLEASE CALL (301) 496-1533.

NATIONAL
CANCER
INSTITUTE

A Public Service Announcement Courtesy of this Publication

COVER LEGEND



The Journal and the American Association for Cancer Research (AACR) are pleased to feature Edward Bresnick, one of the AACR's outstanding scientists and its President for 1994–1995. He was born in Jersey City, NJ, in 1930 and received his M.S. in Chemistry in 1954 and the Ph.D. in 1958 from Fordham University, where he first became involved in cancer research. After a postdoctoral year at the Texas University Medical Branch at Galveston, and 4 years at Burroughs-Wellcome in Tuckahoe, NY, he returned to Texas as an Assistant Professor of Pharmacology at Baylor College of Medicine, at Houston. Since then, he has pursued an academic career. During 10 years at Baylor, where he rose to Professor, his research was centered on regulation of enzymes in normal and neoplastic systems, focusing on control of aspartate transcarbamoylase by pyrimidines and their analogues and of deoxythymidine kinase by dCTP, dTTP, and ATP. These investigations led to studies on enzymes of biotransformation, principally polycyclic hydrocarbon-inducible cytochrome P450, and their regulation. In 1971, he accepted the chair of a new Department of Cell and Molecular Biology at the Medical College of Georgia, where he continued his work on the induction of cytochrome P4501A1. From 1976–1983, he assumed the Chair of Biochemistry at the University of Vermont School of Medicine, then served as Director of the Eppley Institute for Cancer Research at the University of Nebraska Medical Center

(1983–1989), and ultimately was appointed Chair of the Department of Pharmacology and later Director of the Norris Cotton Cancer Center at Dartmouth Medical School.

Throughout these several moves, he has distinguished himself in research on cytochrome P4501A1 and its gene, and at Dartmouth, his efforts resulted in a Special Institution Grant in Molecular Epidemiology and Nutrition from the American Cancer Society, renewal of the funding for the Norris Cotton Cancer Center from the NCI, and a consortium grant for nutrition-colon cancer from the National Dairy Council.

Among his many contributions have been the establishment of the existence of cytochrome P4501A1 within the nucleus, the isolation and sequencing of the rat gene, definition of areas of its regulation by benzo(a)pyrene, and the purification and sequencing of a polycyclic hydrocarbon-binding protein, purportedly involved in the induction of P4501A1. The current research effort of his team is devoted to mechanisms of both positive and negative regulation of the gene. In addition, their work on the stability of DNA-carcinogen adducts in tumor-susceptible and -resistant tissues led to the discovery of *O*⁶-methylguanine-DNA methyltransferase (MGMT) in rat liver. His most recent move, to the position of Vice-Chancellor for Research at the University of Massachusetts Medical Center in August 1994, provides an optimal milieu for his continuing efforts in the conduct of research.

His distinguished research career has not been at the expense of extraordinary extracurricular activities, which encompass a large number of committee appointments at the national level, including service for the NCI and the National Toxicology Research Center of the Food and Drug Administration, and many appointments to AACR committees, including his outstanding service as Chairperson of the Program Committee (1990) and of the Finance Committee (1990–1993), prior to his assuming the Presidency of the AACR in 1994. Over the years, Dr. Bresnick has been a steadfast contributor to the betterment of the Association. He has made great strides during his Presidency in fostering public education about the importance of increased funding for cancer research, in strengthening the AACR's publications program and communication with members, and in promoting diversity among the membership, including efforts to increase the representation of minorities in the AACR.

Dr. Bresnick has been married to his wife, Etta, for almost 38 years and has two sons, one of whom is also a biomedical scientist.

Sidney Weinhouse