

August 1, 1989

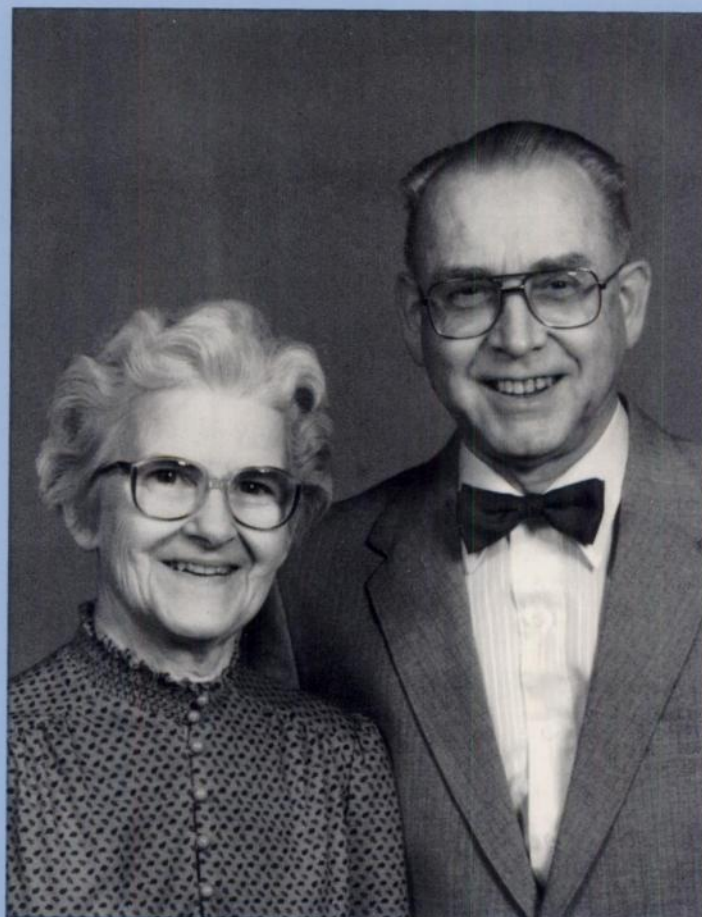


Cancer Research

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Cellular and Molecular Targets of Cancer Therapy

Forty-second Annual Symposium on Fundamental Cancer Research

October 24 - 27, 1989

Stouffer Greenway Plaza Hotel • Houston, Texas

The symposium highlights the most exciting research related to targets for cancer therapy. The program covers the progress being made in those areas of biology related to the regulatory processes of cell growth and mechanisms of cytotoxicity. Each session deals with a specific cellular or tumor compartment as a potential target of therapy. These include targets located in the plasma membrane, the cytoplasm, the nucleus, and non-malignant targets which include the immune system, extracellular matrix, and viruses.

Ernst W. Bertner Award and Memorial Lecture - Gertrude Elion, Wellcome Research Laboratories

Keynote Address - Ira Pastan, National Cancer Institute

Special Lecture - Robert A. Weinberg, Massachusetts Institute of Technology

Additional speakers will include:

Robert M. Bell, Duke
Vilhelm A. Bohr, NCI
Donald S. Coffey, Johns Hopkins
Jack S. Cohen, NCI
O. Michael Colvin, Johns Hopkins
Thomas Curran, Roche Institute
Leonard C. Erickson, Loyola
Isaiah J. Fidler, M. D. Anderson
Gordon Gill, UC at San Diego
William A. Haseltine, Dana-Farber
Susan B. Horwitz, Albert Einstein

Laurence Hurley, University of Texas
Mark A. Israel, NCI
Adi Kimchi, Weizmann Institute
Stephen J. Lippard, MIT
Marc E. Lippman, Georgetown University
Frank McCormick, Cetus Corporation
Garth L. Nicolson, M.D. Anderson
Anita Roberts, NCI
Warren E. Ross, University of Louisville
Daniel V. Santi, UC at San Francisco
Thomas A. Waldmann, NCI

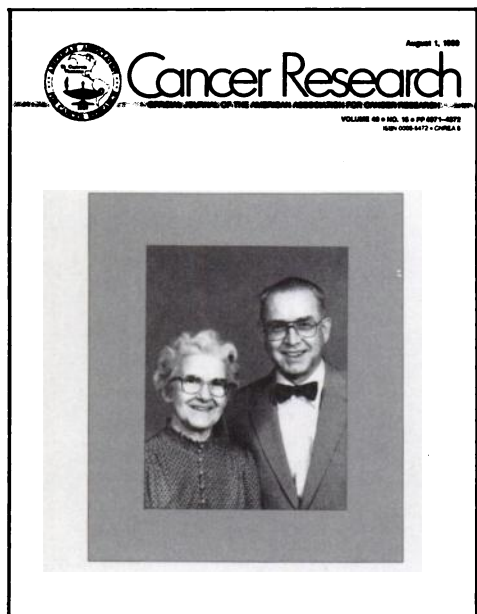
Symposium Cochairmen: William Plunkett, Ph.D. • William A. Brock, Ph.D.

Call for Posters: Abstracts are requested for the 1989 Research Symposium poster session(s). Abstracts not exceeding one page, should be typed double-spaced on plain, 8.5 by 11 inch paper and must be received no later than August 15, 1989. Participants will be notified of their posters' acceptance by mail. Submit abstracts to: Anthony J. Mastromarino, Ph.D., Office of the Vice President for Research - Box 101, The University of Texas M. D. Anderson Cancer Center, 1515 Holcombe Boulevard, Houston, Texas 77030.

For additional information, please contact Pam Evans, Conference Services-HMB 131, The University of Texas M. D. Anderson Cancer Center, 1515 Holcombe Boulevard, Houston, Texas 77030.
Phone: (713) 792-2222.



COVER LEGEND



Cancer Research salutes James A. Miller on his election to honorary membership in the American Association for Cancer Research. It would be difficult indeed to name another person worldwide who has made as great an impact on the field of chemical carcinogenesis. Born in Dormont, Pennsylvania, in 1915, he received the B.S. degree in chemistry from the University of Pittsburgh in 1939 and the M.S. and Ph.D. degrees in biochemistry from the University of Wisconsin in 1941 and 1943, respectively. He began his distinguished career at the McArdle Memorial Laboratory for Cancer Research of the University of Wisconsin as a postdoctoral fellow in 1943, advancing to full professor in 1952. He has held his present post, Van R. Potter Distinguished Professor Emeritus of Oncology, since 1985.

Miller married Elizabeth Cavert, a fellow graduate student, in 1942, and for the next 45 years, until her death in 1987, the Millers were an inseparable team, whose influence on the fields of xenobiotic metabolism and chemical carcinogenesis was truly unique. Together with a large number of students and associates, they unravelled the complex mechanisms of carcinogen activation via the microsomal cytochromes. Their pioneering work additionally opened up to in-

vestigation the major biological reactions by which organisms protect themselves against multitudes of environmental toxicants, the whole framework of modern toxicology [*Cancer Research* cover feature on Elizabeth Miller, February 15, 1988; E. C. Miller and J. A. Miller. Searches for ultimate chemical carcinogens and their reactions with cellular macromolecules. *Cancer* (Phila.), 47: 2327-2345, 1981; Some historical perspectives on the metabolism of xenobiotic chemicals to reactive electrophiles. *In*: M. W. Anders (ed.), *Bioactivation of Foreign Compounds*, pp. 3-28. New York: Academic Press, 1985]. Throughout their careers their laboratory was the mecca for research and training in these fields.

Their influence is further exemplified by the large number of students and associates who, after training with the Millers, are now contemporary worldwide leaders in the related fields of toxicology, carcinogenesis, xenobiotic biology, and mutagenesis.

As was his wife, James Miller has been extremely active on advisory committees and councils dealing with research direction, funding, and policies of federal and private agencies, particularly the National Cancer Institute, the American Cancer Society, the American Association for Cancer Research, and this journal. Their numerous honors, most awarded jointly, include the Lucy Wortham James Award of the Society for Surgical Oncology, the G. H. A. Clowes Award of the AACR, the Bertner Foundation Award, the Papanicolaou Award, the National Award of the American Cancer Society, First Founders Award of the Chemical Industry Institute of Toxicology, Bristol-Myers Award, FASEB 3M Life Sciences Award, the Mott Award of the General Motors Cancer Research Foundation, honorary membership in the Japanese Cancer Society, and membership in the National Academy of Sciences and the American Academy of Arts and Science. He received the honorary degree of Doctor of Science from the Medical College of Wisconsin, 1982. This year, Rutgers University established the Elizabeth C. Miller and James A. Miller Distinguished Lectureship in Experimental Oncology.

The cover photograph shows James and Elizabeth Miller in 1985.

Sidney Weinhouse