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FIFTEENTH ANNUAL BRISTOL-MYERS SQUIBB AWARD FOR DISTINGUISHED ACHIEVEMENT IN CANCER RESEARCH

Bristol-Myers Squibb Company presents an annual award to a scientist making an outstanding contribution in cancer research. The candidates for the award are to be nominated by medical schools, free-standing hospitals and cancer research centers.

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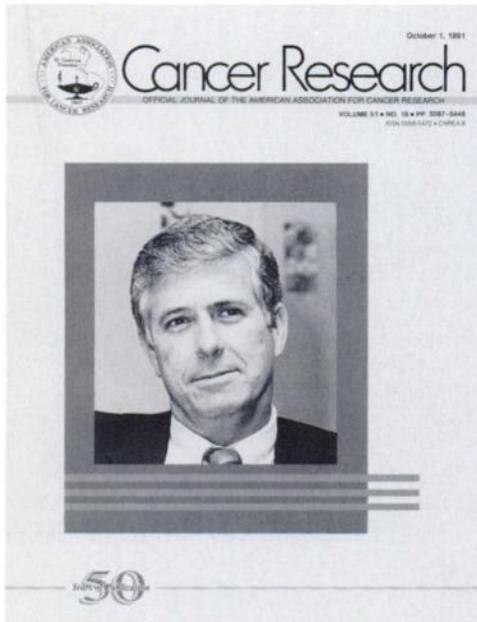
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Rules and official nomination forms are available from: Secretary, Award Committee, Bristol-Myers Squibb Award for Distinguished Achievement in Cancer Research, 345 Park Avenue, Suite 4100, New York, NY 10154, or (212) 546-5107.

COVER LEGEND



This issue's cover features Harold L. Moses, President of the American Association for Cancer Research. Dr. Moses was born in Whitley County, Kentucky, graduated from Berea College with the B.A. degree in 1958, and received the M.D. degree from Vanderbilt University in 1962. After residencies and postdoctoral research in pathology at Vanderbilt and the NIH, he spent 12 years at the Mayo Clinic in Rochester, Minnesota, the last six of which were as Chairman of the Department of Cell Biology. In 1985, he rejoined Vanderbilt School of Medicine, where he is Professor of Cell Biology and Pathology and Chairman, Department of Cell Biology.

During the past 15 years he has compiled a distinguished record in the field of growth factors. His laboratory was among the first to discover and characterize transforming growth factor β (TGF β) and was the first to demonstrate the growth inhibitory properties of TGF β 1, elucidating its role in the regulation of cell proliferation. Among his many contributions in this field are: detection of the presence of TGF β in

embryos and in normal serum and its origin in platelets; proof of the existence of TGF β receptors in many different cell types; and the marked inhibitory action of TGF β in normal cells, but not in many carcinoma cells. His laboratory was also the first to demonstrate that TGF β induces expression of *c-sis*, the gene encoding the B-chain of platelet-derived growth factor, indicating that the growth stimulation by TGF β in some cell types could be through autocrine stimulation by platelet-derived growth factor. He and his coworkers also demonstrated that TGF β , which exists in a latent form, can be activated by certain proteases such as plasmin. In recent work they found that TGF β rapidly reduces *c-myc* expression which is necessary for proliferation in skin keratinocytes, and they found further that the protein product of the tumor suppressor retinoblastoma gene is a necessary component for growth inhibition, thus indicating how TGF β inhibits growth.

Dr. Moses is extremely active outside of the laboratory. He has served on the Board of Directors and on numerous committees for the AACR. He is a member and officer of many biomedical associations; is on the editorial boards of eight journals, including *Cancer Research* and *Cell Growth & Differentiation*; and has served as a member of the Board of Scientific Counselors of the National Cancer Institute, the Mott Selection Committee of the General Motors Cancer Research Foundation, and as a member and chairman of the NIH Chemical Pathology Study Section. Among his many honors are an Outstanding Investigators Award from the National Cancer Institute, 1986, the Esther Langer award from the University of Chicago, 1986, and the Rous-Whipple Award from the American Association of Pathologists, 1991. He is author or coauthor of over 170 papers and has lectured widely throughout the world. Recent reviews of his work may be found in *Ciba Foundation Symposium* 157, pp. 66–80, John Wiley and Sons, 1991; *Annals of the New York Academy of Sciences*, 593: 208–217, 1990; and *Cell*, 63: 245–247, 1990.

The photograph is by Ellen Ebert.

Sidney Weinhouse