Investigations translating laboratory findings into improvements in treatment for breast cancer. His work to obtain hormonal synchronization of breast tumor cells has been utilized in clinical trials and has resulted in more effective integration of hormone treatments and chemotherapy in the management of advanced breast cancer. A member of the Association for many years, Dr. Lippman has published over 500 articles in refereed journals and serves on many committees (including the Association's 1994 Program Committee) and editorial boards. He has served for four years as Associate Editor of Cancer Research.

The Fifteenth Rhodes Memorial Award is given to Igor B. Roninson (top center), Professor in the Department of Genetics at the University of Illinois in Chicago. In 1980 an anonymous donor established this award to honor Cornelius F. Rhodes, a founder of and the first director of the Sloan-Kettering Institute for Cancer Research. The award is given each year to a scientist under the age of 41 years for meritorious achievements in the field of cancer research. Dr. Roninson is being honored for his outstanding contributions to the field of drug resistance and cancer therapy. Of particular note is his development of an elegant technique that allows direct visualization of amplified genomic DNA at. Her and his use of this technique to identify the multidrug-resistant mammalian tumor genomic DNA segments commonly applied in independent cell lines. These efforts culminated in the cloning of the mdr gene which encodes P-glycoprotein, the drug efflux pump responsible for drug resistance in cancer cells. His continued work in drug resistance led to the initiation of a number of investigations on genetic suppressor elements for the study of complex biological phenotypes. These exciting, novel approaches to the field of cell biology are expected to have a major impact in therapeutics and drug design. Dr. Roninson is a member of the 1994 AACR Program Committee. He serves on several editorial boards and is an Associate Editor of Cancer Research.

The recipients of the Thirteenth Cain Memorial Award for outstanding preclinical investigations leading to the improved care of cancer patients are Mansukh C. Wani (bottom left), Principal Scientist, and Monroe E. Wall (bottom center), Chief Scientist, at the Research Triangle Institute in Research Triangle Park, North Carolina. The Warner-Lambert Company established this award in 1982 to honor Bruce F. Cain. Drs. Wani and Wall have worked closely together as a research team for nearly 30 years. Their extraordinary scientific efforts have led to the definition and isolation of a long list of antitumor substances and other pharmaceuticals from natural sources. The most prominent among these recent years has been the camptothecins, its identification of the ligand for the ethB2 metabolite CPT-11, may soon be added to the anticancer agents available in the clinic. Through painstaking studies, Drs. Wani and Wall also determined the structure of taxol, and this drug has proven to be highly active in the treatment of advanced ovarian cancer and breast cancer. In their lengthy careers Drs. Wani and Wall have authored hundreds of journal articles and obtained a number of patents.

The Third American Cancer Society Award for Research Excellence in Epidemiology and Prevention will be presented to Brian E. Henderson (top left), Director of the Satellite Program at the California Pacific Medical Center in La Jolla, California. Dr. Henderson is recognized for his long and distinguished career in epidemiology and for his key discoveries into the environmental and host determinants of cancer. Because of his seminal observations and interdisciplinary research on hormone-dependent cancers such as those of the breast, prostate, endometrium, and ovaries, knowledge in the field has been advanced concerning the roles of estrogens and progesterone in breast cancer, unopposed estrogens in endometrial cancer, and testosterone and its metabolite dihydrotestosterone in prostate cancer. Dr. Henderson is the author of over 250 journal articles, has been an Associate Editor of Cancer Research since 1981, and was the recipient of the 1987 Richard and Hindo Rosenthal Foundation Award of the AACR.