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October 18-22, 1992
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April 13-17, 1993
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Frederica Perera / New York, NY
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Biological Markers of Genetic Susceptibility
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Mark Leppert / Salt Lake City, UT
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Viral Agents
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Dietary Biomarkers in Preventive Intervention Studies
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Measurement of Endogenous Sex Steroid Hormones in Breast and Prostate Neoplasia
Lewis H. Kuller / Pittsburgh, PA
James Gutai / Detroit, MI
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Disorders of Immune Function in Human Carcinogenesis
Charles Rabkin / Bethesda, MD
Ian T. Magrath / Bethesda, MD
David T. Purtilo / Omaha, NE

Evaluation of the Applications of Biochemical and Molecular Markers in Epidemiological Studies
Barbara S. Hulka / Chapel Hill, NC
Neil E. Caporaso / Bethesda, MD
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Research on the etiology of many types of human cancer has led to the discovery of key elements accounting for the main human cancers. It was found that the prevailing life-style, especially the use of tobacco and smoking products, contributes to the occurrence of cancer of the respiratory tract, pancreas, kidney, and bladder. Smoking and alcoholism are associated with cancer of the head and neck. Smoking and heavy occupational asbestos contamination sharply increases cancer of the lung. On the other hand, dietary habits influence cancer of the stomach and, through different risk factors, contribute to the development of cancer of the breast, colon, prostate, ovary, endometrium, and pancreas. Historically, specific types of cancer risk have come from occupational exposure to certain chemicals, but broad knowledge in this area has hopefully reduced the occurrence of occupational cancers.

Research based knowledge needs to be translated into effective actions of cancer prevention and health promotion. Although such activities have occasionally been performed by certain individuals in various institutions, a major element in the United States has been the active and effective operation of the Office of Disease Prevention and Health Promotion (ODPHP), an arm of the United States Public Health Service, United States Department of Health and Human Services. Officially, documents produced by the ODPHP bear the imprimatur of the Secretary of the Department or of the Surgeon General. Cancer Research has featured the Surgeons General of the United States Public Health Service on a previous cover (Cancer Res., 49: Cover 16, 1989).

In recent years, the United States Department of Health and Human Services has released key publications, e.g., Healthy People: The Surgeon General's Report on Health Promotion and Disease Prevention (1979); Promoting Health/Preventing Disease: Objectives for the Nation (1980); Dietary Guidelines for Americans (1980, 1985, 1990); The Surgeon General's Report on Nutrition and Health (1988); Guide to Clinical Preventive Services (1989); and Healthy People 2000 (1990). Initiation and coordination of the production of these volumes, recognized throughout the world as scientifically sound reports with much practical information on cancer prevention, are the responsibility of the Director of the ODPHP, J. Michael McGinnis, M.D., featured on this issue's cover. Dr. McGinnis holds the official title of Deputy Assistant Secretary (Disease Prevention and Health Promotion) and is an officer in the United States Public Health Service, with the rank of Assistant Surgeon General. Dr. McGinnis has earned degrees in political science, medicine, and public policy from Berkeley, UCLA, and Harvard. He began his affiliation with the Public Health Service in 1972 and has held his current post since 1977. He has received many honors in the United States and abroad. Dr. McGinnis fosters effective cancer control through prevention by transferring key research findings for application by the public.

We are indebted to Mrs. C. Wypijewski and to Dr. McGinnis for the photographs.

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