Provides a comprehensive overview of the field of dietary chemoprevention of cancer, and reviews the wide variety of dietary factors and mechanisms of anticarcinogenesis and antimutagenesis that have been identified in vitro and in animal and human studies. This volume covers the most recent molecular mechanism by which dietary antimutagens and anticarcinogens function, and also notes the needs for further research in this potentially important area of public health. It is a must-have reference for nutritional scientists, medicinal chemists, food scientists, biotechnologists, pharmacists, and molecular biologists working in academia or the pharmaceutical and food industries, as well as governmental and regulatory agencies concerned with nutrition and cancer.