This reference book provides a comprehensive overview of the field of dietary chemoprevention of cancer. It 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 anticarcinogens and antimutagens 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.

With a foreword by Bruce N. Ames.

Sections of the book:

- General Principles
- Experimental Models and Methods Used in Chemoprevention
- Selected Chemoprotective Dietary Factors and Components

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