DESCRIPTION

This reference work 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 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.

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
ABOUT THE AUTHOR

Siegfried Knasmüller is head of the Chemoprevention Group at the Institute of Cancer Research. Having obtained his academic degrees from the Vienna University he continued his studies in the fields of genetic toxicology and cancer research at the University of Leiden, Case Western Reserve University, at US EPA in North Carolina and at the Institute of Experimental Cancer Research in Innsbruck before taking up his present appointment at the Medical University of Vienna. Prof. Knasmüller authored over 160 scientific publications and organized several international conferences on cancer chemoprevention and antimutagenesis and is member of the editorial board of a number of scientific journals such as Mutation Research, Mutagenesis and Food and Chemical Toxicology.

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