Cancer Epigenetics. Biomolecular Therapeutics in Human Cancer

Description: The sole resource to focus on cutting-edge biomolecular approaches to cancer therapy

Presenting the latest research in cancer biology, Cancer Epigenetics reveals the most promising developments in novel therapeutics and diagnostic options for cancer patients. Featuring contributions from international authorities in diverse disciplines, the book offers clear therapeutic approaches and applications and facilitates collaboration between the basic, translational, and clinical sciences.

This volume is divided into five sections:

Epigenetics and cell cycle
Epigenetics and cell development, senescence and differentiation
Epigenetics and gene transcription
Epigenetics and cancer
Epigenetics and anticancer drug development and therapy

Emphasizing practical applications of research, Cancer Epigenetics provides comprehensive coverage of therapeutic approaches in clinical testing and at the final stages of pre-clinical development. It also discusses new advances in the development of novel therapeutics, including angiogenesis inhibitors and antiretroviral therapies.

Research and clinical oncologists, translational cancer researchers, health professionals dealing with cancer science and therapies, and medical and biomedical science students will rely on this timely and authoritative resource.

Cover Art: The cover image shows an original piece of artwork by a renowned Italian artist Lello Esposito. It depicts nucleotides and a tumor cell, which of course relates directly to the theme of this new book. Mr. Esposito dedicated this piece to the Sbarro Health Research Organization.

Contents: Contributors.

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