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Nota di contenuto	Interdisciplinary Approaches to Leverage Biomarker Discovery for Cancer Treatment -- Multidisciplinary Approach in Cancer Management -- The Interplay between Inflammation and Cancer Progression: Implications for Therapy -- Cancer Stem Cells: Robust Features and Therapeutic Targets -- Stem Cell-Derived Cell Therapy for Cancer -- Mesenchymal Stem Cells in Cancer Therapy: A Road to the Future or Exaggerated Expectations -- From Modification Maps to Clinical Impact: RNA Epigenetics in Cancer Diagnosis and Treatment -- The Different Aspects of Telomerase Inhibitors in Cancer Treatment -- Intricate Relationship Between Radiation-Induced Trismus and Inflammation -- Current Overview of the Biological Effects of GRID, Microbeam and FLASH Radiotherapy -- Bioimplants for the

Reconstructive Surgery and Local Delivery of Chemo- Immunoagents -- The Interplay of Ferroptosis and Cuproptosis in Cancer: Mechanisms and Therapeutic Implications -- Biologically Active Metallic Cu(II) Complexes: Past, Present and Future -- Liquid Biopsy and Cancer -- Mitochondrial Transplantation: A Breakthrough Approach for Cancer Treatment -- Steroids in Cancer: Mechanisms, Therapies, and Challenges in Hormone-Driven Malignancies -- Surgical Treatment and Innovations in Soft Tissue Sarcoma Care -- The Importance of Drug Interactions During ALK Tyrosine Kinase Inhibitor Therapies -- Potential Anticancer Activity of Novel Triazoles and Related Derivatives -- Anticancer Properties of Antipsychotic Drugs -- S-(de)-nitrosylation of Caspases: The Achilles Heel In the Expanding Sea of Cancer Treatment Regimens -- Microbial-Based Therapies in Cancer Treatment under the One Health Initiative -- Bacteria-Based Approach to Cancer Therapy.

Sommario/riassunto

The “Cancer Treatment Modalities: An Interdisciplinary Approach” is the twenty fourth volume of the “Interdisciplinary Cancer Research” series, publishes comprehensive volume on cancer treatment. The volume starts with a chapter on an interdisciplinary approach to biomarker discovery for cancer treatment, followed by other chapters on multidisciplinary approach in cancer management; and the interplay between inflammation and cancer progression. Cancer stem cells and mesenchymal stem cells are discussed in cancer therapy in other chapters. RNA epigenetics in cancer diagnosis and treatment as well as different aspects of telomerase inhibitors in cancer treatment are the subjected of subsequent chapters. Then bioimplants for the reconstructive surgery and the interplay of ferroptosis and cuproptosis in cancer are discussed. Liquid biopsy and cancer and mitochondrial transplantation are the subjects of other chapters. Microbial-based therapies in cancer treatment and bacteria-based approach to cancer therapy are the subjects of final chapters of this volume. This is the main concept of Cancer Immunology Project (CIP), which is a part of Universal Scientific Education and Research Network (USERN). This interdisciplinary book will be of special value for those who wish to have an update on cancer treatment.
