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Nota di contenuto	Cover -- Title -- Copyright -- End User License Agreement -- Contents -- Foreword -- Preface -- List of Contributors -- Clinical Role of Modern Ayurveda in Treating Cancer -- Galvina Pereira1,* , Motamarri Venkata Naga Lalitha Chaitanya2 and Rashmi Saxena Pal3 -- INTRODUCTION -- CANCER: AYURVEDIC PERSPECTIVE -- Pathophysiology of Cancer as per Ayurveda -- Ayurveda in Cancer Treatment -- Ayurveda in Post Cancer Therapy -- CLINICAL ROLE OF MODERN AYURVEDA -- Challenges in Practicing Modern Ayurveda -- CONCLUSION -- REFERENCES -- Aromatherapy: An Adjuvant Treatment in Cancer -- Poonam Agrawal1,* -- INTRODUCTION -- Classification of Aromatherapy -- Essential Oil Chemical Composition -- Anti-Cancer Mechanism of Action of Essential Oil -- Aromatherapy And Cancer Clinical Trials -- Anxiety and Aromatherapy -- Quality of Life and Aromatherapy -- Pain and Aromatherapy -- Nausea and Vomiting and Aromatherapy -- Sleep Quality and Aromatherapy -- Fatigue -- Essential Oil Safety -- CONCLUSION -- REFERENCES -- The Traditional Immune Boosting Recipes -- Rokeya Sultana1,* -- INTRODUCTION -- Traditional System of Medicine and its Role in Immunity Boosting -- Medicinal Plants Used in Alternative/Traditional Medicines -- Common Plants Used as Immunity Boosters Recipies -- Commonly used

Traditional immune-boosting recipes -- CONCLUSION -- REFERENCES -- The Indian Cytotoxic Weed Flora and Their Phytochemicals -- Prabha Thangavelu^{1,*}, Jubie Selvaraj², Rashmi Saxena Pal³ and Vishnu Nayak Badavath⁴ -- INTRODUCTION -- Significance of Weeds -- Basic Insight into Cancer -- Phytochemicals used for cytotoxicity Activity from Weeds -- Glimpses of cytotoxic weed plants in India -- *Acalypha Indica* Linn. -- *Tridax procumbens* linn -- *Leucas aspera* (Willd.)linn -- *Cleome rutidosperma* linn -- *Commelina benghalensis* linn -- *Euphorbia hirta* linn -- *Argemone Mexicana* linn. *Adhatoda vasica* linn -- *Calotropis procera* linn. -- *Lantana camara* linn -- *Solanum nigrum* linn -- *Parthenium hysterophorus* Linn -- *Solanum xanthocarpum*Schrad. & Wendl. -- *Scoparia Dulcis* linn -- *Achyranthes aspera* linn -- *Launaeaprocumbens* Linn -- *Heliotropium indicum* linn -- *Ipomoea carnea* Jacq -- *Alternanthera sessilis* Linn -- *Alternanthera philoxeroides* (Mart.) Griseb. -- *Chromolaena odorata* linn -- *Cassia tora* Linn -- *Ageratum conyzoides* Linn -- *Solanum mauritianum*Scop. -- *Cestrum aurantiacum* Lindl -- *Cytisus scoparius* Linn -- *Erigeron karvinkianus* DC -- *Phytolacca dodecandra*L'Her -- *Cnicuswallichii* DC -- *Achyranthes bidentata*Blume -- *Artemisia nilagiricalinn* -- *Centella asiatica* linn -- *Berberis vulgaris* linn -- CONCLUSION -- Declarations -- ABBREVIATIONS USED IN THIS CHAPTER -- REFERENCES -- High Throughput Screening Techniques in Anticancer Drug Discovery and Development from Botanicals -- Madhavi Patel^{1,*} and Vishal Patel² -- PREAMBLE -- Cancer and Role of Botanicals - Historical Aspects -- Importance of HTS in Anticancer Drug Discovery -- HTS Techniques for Anticancer Agents -- Anticancer Drug Target Identification -- Creating a Botanical Library for HTS Screening -- Cell Based HTS Assay -- Cell Proliferation/Cell Death Assay -- -- D Cultures -- Cell-Based Reporter Assays -- Molecular Assays -- Analysis of Botanicals for Characterization of Identified Compounds -- Assay Miniaturization and Advancement in HTS -- Dereplication Techniques: Assistance in Drug Discovery from Botanicals -- Merits And Demerits of HTS Screening for Anticancer Agents -- CONCLUSION -- REFERENCES -- Anticancer Phytochemicals of 21st Century: A Multitargeted Approach and Role of Humanism in Oncology -- Jubie Selvaraj^{1,*}, Motamarri Venkata Naga Lalitha Chaitanya², Akey Krishna Swaroop¹, Prabha Thangavelu³ and Rashmi Saxena Pal⁴ -- INTRODUCTION.

APPROACH TO MULTI-DRUG TARGETING -- NETWORK PHARMACOLOGY APPROACHES -- CANCER THERAPY THROUGH MULTITARGETING -- CORRELATION OF ANTICANCER COMPOUNDS WITH ANTI-INFLAMMATORY, ANTIOXIDANT, ANTIBIOTIC AND ANTIMITOTIC DRUGS -- Role of Antioxidants in Cancer Therapy -- Role of Anti-inflammatory Agents in Cancer -- Antibiotics and Anticancer Compounds -- Antimitotics and Anticancer Compounds -- CADD IN MULTITARGETED APPROACH -- ROLE OF HUMANISM IN ONCOLOGY -- REFERENCES -- Importance of In silico Tools in Anticancer Drug Discovery from Nature -- Gnana Ruba Priya Muthaiah^{1,*}, Motamarri Venkata Naga Lalitha Chaitanya², Seema Sajjan Singh Rathore¹, Maida Engels SE⁴ and Vishnu Nayak Badavath³ -- INTRODUCTION -- Role of Computers in Drug Design -- Virtual Screening -- Molecular Docking -- Structure Based Pharmacophore Mapping -- Ligand-Based Drug Discovery -- Advantages of 3D Molecular Docking Studies -- Ligand-based Pharmacophore -- Quantitative Structure-Activity Relationship Modeling -- Multiscale De Novo Drug Design -- Quantum Chemical Approaches to Structure-Based and Ligand-Based QSAR Models -- Using Molecular Dynamics Simulation to Find New Drug Binding Sites -- Artificial Intelligence in Anticancer Drug Discovery -- Successful

Stories of Computational Drug Discovery -- Cancer Modeling & Network -- Summary -- CONCLUSION -- REFERENCES -- Human Topoisomerases and Caspases: Important Targets in Cancer Therapy -- Sandeep Goyal^{1,*}, Mukesh Gangar^{1,*}, Aditya Kulkarni¹ and Charu Kamal Yerneni² -- INTRODUCTION -- DNA TOPOISOMERASES -- Classification and Terminology of Topoisomerases -- Human topoisomerase I & II -- Types of DNA Topoisomerase Inhibitors -- Role of Natural Products as Topoisomerase Inhibitors -- Topoisomerase I inhibitors -- Topoisomerase II inhibitors -- CASPASES -- Caspase Family -- Caspases Structure -- Caspases Functions. Inflammatory Caspases -- Apoptotic Caspases -- Role of Caspases in Cancer -- NATURAL PRODUCTS IN CANCER THERAPY -- CONCLUSION -- REFERENCES -- Cytotoxic Phytochemicals from Mushrooms as Potential Therapeutic Agents -- Gana Manjusha Kondepudi^{1,*}, Rashmi Saxena Pal² and Malakapogu Ravindra Babu² -- INTRODUCTION -- ANTICANCER METABOLITES IN MUSHROOMS. -- -- Proteins -- Alkaloids -- Triterpenoids -- Polyphenolic Compounds -- CLINICAL STATUS OF SOME CYTOTOXIC NOVEL DRUGS LEADS DERIVED FROM MUSHROOMS -- CONCLUSION -- REFERENCES -- Spirulina: A Living Library of Anticancer Phytochemicals -- Awotunde Oluwasegun Samson^{1,*}, Omogbadegun Olu Richard¹ and Mugambwa Joseph Yusuf 1 -- INTRODUCTION -- Anticancer Properties of Spirulina Platensis -- Carotene and Polysaccharides -- Phycocyanin (Pc) -- CONCLUSION -- REFERENCES -- Terpenoids A Potential Scaffold for Cancer Therapy: A Mechanistic Approach -- Surya Kant Tripathi¹, Stuti Biswal¹, Munmun Panda¹ and Bijesh Kumar Biswal^{1,*} -- TERPENOIDS -- DIFFERENT FORMS OF TERPENOIDS -- Monoterpenoids -- Diterpenoids -- Triterpenoids -- Tetraterpenoids -- Sesquiterpenoid -- Sesterterpenoids -- TERPENOIDS AND CANCER -- TERPENOIDS REGULATE CANCER CELL DEATH PATHWAYS -- TERPENOIDS REGULATE CELL CYCLE IN CANCER -- TERPENOIDS TARGETING CELL SIGNALING PATHWAYS -- EGFR signaling Pathway -- PI3K/AKT and RAS/RAF/MEK/ERK signaling Pathway -- WNT/-catenin Pathway -- STAT3 signaling Pathway -- NF-B signaling Pathway -- NOTCH Signaling -- SMAD Signaling Pathway -- YAP Signaling -- TERPENOIDS: ANTI-ANGIOGENIC EFFECTS -- TERPENOIDS INHIBIT CANCER CELL MIGRATION, INVASION, AND METASTASIS -- TERPENOIDS REGULATING KEY INFLAMMATORY PATHWAYS -- CONCLUSION -- REFERENCES -- Cytotoxic Phytochemical library of RosmarinusOfficinalis -- Cannabis in the Treatment of Various Cancers andits Current Global Scenario. Modern Nanotherapeutic Approaches in TheDelivery of Phyto Pharmaceuticals in Anti CancerResearch -- Subject Index -- Back Cover.

Sommario/riassunto

This book provides a holistic view of natural products and remedies that have been used to treat cancer. The editors aim to educate readers about the importance of the translational role of natural products in cancer treatment by compiling 14 chapters. The book emphasizes an integrative approach to the topic by blending traditional knowledge that supports alternative therapies with the science of phytochemicals and drug discovery technologies as a means to manage the disease. Key topics include alternative therapies (such as aromatherapy and immune boosting herbal medications), cytotoxic and anti-cancer phytochemicals, drug delivery and discovery technologies (including high-throughput screening) and some drug targets of interest for cancer treatment (such as topoisomerases and caspases). Readers will be able to learn about natural sources of ant-cancer compounds, and the methods used by research and development experts in pharmaceutical and nutraceutical industries to isolate and formulate these compounds. This book will be a handy resource for a wide range

of readers. This includes researchers, traditional medical practitioners, PG students, Ph.D. scholars and general readers to understand the role of natural products in cancer treatment. key features ü Explains the importance of alternative therapies in the management of cancer ü Emphasizes the ethnopharmacological approaches to cancer ü Explores natural anticancer drug libraries ü Discusses the role of modern cancer targets and the importance of in-silico tools in anticancer drug discovery ü Addresses modern drug discovery tools and drug delivery technologies concerning their applications in cancer treatment. ü Includes references for further reading Readership Researchers in pharmacology and natural product chemistry; clinicians in oncology and chemotherapy. General readers interested in anti-cancer medicine.
