

1. Record Nr.	UNINA9911010536603321
Autore	Rezaei Nima
Titolo	Challenges in Solid Tumors and Other Cancers: An Interdisciplinary Approach / / edited by Nima Rezaei
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	3-031-93542-X
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (1049 pages)
Collana	Interdisciplinary Cancer Research, , 2731-457X ; ; 21
Disciplina	571.978 616.994
Soggetti	Cancer Cancer - Treatment Oncology Immunotherapy Tumors - Immunological aspects Nanomedicine Cancer Biology Cancer Therapy Tumour Immunology Cancer Nanotechnology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Enhancing Treatment Efficacy for Aggressive Pediatric Bone Sarcomas: The Promise of Nano Drug Delivery -- Tumor-Nerve Interface: An Emerging Therapeutic Intervention Point for Solid Cancers -- Adoptive Cell Transfer for Solid Tumors -- Dendritic Cell Vaccines in Cancer Immunotherapy: Expanding Horizons for Solid And Non-Solid Tumors -- Chimeric Antigen Receptor (Car) T Cell Immunotherapy for Solid Tumors -- Immunogenic Effect of Modulated Electro-Hyperthermia (mEHT) in Solid Tumors -- TIME is critical for Oncolytic Viral Therapies Against Solid Cancers -- Apoptosis Resistance in Solid Tumours: A Potential Therapeutic Target in Gastric Carcinoma? -- Recent Development of Biopsy Techniques on Solid Tumor and Its Relevance in Solid Tumor Management -- Sarcomas: Genetics, Cytogenetics and

Liquid Biopsy -- Next Generation of Antibody-Drug Conjugates for Breast Cancer -- Tumor Heterogeneity in Triple Negative Breast Cancer: Shedding Light on the Role of AKT and RUNX -- Herbal Medicine as a Complementary Therapy to Traditional Treatment for Breast Cancer -- The Use of Radiology Imaging in Monitoring Treatment Response to PD-1/PD-L1 Inhibitors in Head and Neck Squamous Cell Carcinomas -- An Overview on Pediatric Posterior Fossa Tumors: From Clinical Manifestations to Survival Analysis -- Immunotherapeutic Approaches in Glioblastoma -- Natural Compounds in Glioma Therapy -- Nanomaterials for the Treatment of Lung Cancer: The Role of Natural Products -- New Era Treatment Modalities for Hematologic Cancers -- Epigenetic Alterations in Multiple Myeloma and Potential Therapy Approaches -- Autocrine Vitamin D Metabolism Mediates Anti-Cancer Actions in Uterine Cervical Cancer -- Current Surgical and Medical Oncological Treatment Approaches in Metastatic Gastric Cancer -- The Role of Hepatopancreatoduodenectomy for the Treatment of Hilar Cholangiocarcinoma -- Laparoscopic Hepatectomy for Hepatocellular Carcinoma -- Hepatopancreatobiliary Surgery Patients and Outcomes: Impact of Mental Health -- The Impact of Molecular Mechanisms, Tumor Microenvironment and Total Neoadjuvant Therapy on Rectal Surgery -- Novel Immunotherapy Approaches in Colorectal Cancer -- The Role of Bacterial Dysbiosis and Genotoxin Production in Colorectal Cancer Development.

Sommario/riassunto

The "Challenges in Solid Tumors and Other Cancers: An Interdisciplinary Approach" is the twenty first volume of the "Interdisciplinary Cancer Research" series, publishes comprehensive volume on the challenges in cancer. The volume starts with a few chapters on solid tumors, including nano drug delivery for bone sarcomas, tumor-nerve interface, adoptive cell transfer, dendritic cell vaccines, CAR T cell Immunotherapy, immunogenic effect of modulated electro-hyperthermia, oncolytic viral therapies, apoptosis resistance, biopsy techniques, genetics, cytogenetics and liquid biopsy. The subsequent chapters explain different challenges on breast cancer, head and neck carcinomas, glioblastoma, hematologic cancers, lung cancers, cervical cancer, gastric cancer, hepatocellular carcinoma, and colorectal cancers. 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 approach to challenges in cancer.
