

1. Record Nr.	UNINA9910298441803321
Autore	Weber Georg F
Titolo	Molecular Therapies of Cancer / / by Georg F. Weber
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-13278-4
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (486 p.)
Disciplina	610
Soggetti	Cancer research Laboratory medicine Oncology Cancer Research Laboratory Medicine Oncology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	DNA Damaging Drugs -- Drugs that Suppress Proliferation -- Molecular Inhibitors of Growth Signals -- Anti-Metastasis Therapy -- Induction of Senescence -- Combination Chemotherapy -- Gene Therapy -- Drugs with Diverse Modes of Action -- Hormone Therapy -- Immunotherapy -- Anti-Angiogenesis -- Drug Delivery and Drug Transport -- Drug Metabolism -- Prodrug Activation -- Drug Resistance -- Protection from Adverse Effects -- Pain Management -- Preventative Treatment.
Sommario/riassunto	Molecular Therapies of Cancer comprehensively covers the molecular mechanisms of anti-cancer drug actions in a comparably systematic fashion. While there is currently available a great deal of literature on anti-cancer drugs, books on the subject are often concoctions of invited review articles superficially connected to one another. There is a lack of comprehensive and systematic text on the topic of molecular therapies in cancer. A further deficit in the relevant literature is a progressive sub-specialization that typically limits textbooks on cancer drugs to cover either pharmacology or medicinal chemistry or signal

transduction, rather than explaining molecular drug actions across all those areas; Molecular Therapies of Cancer fills this void. The book is divided into five sections: 1. Molecular Targeting of Cancer Cells; 2. Emerging and Alternative Treatment Modalities; 3. Molecular Targeting of Tumor-Host Interactions; 4. Anti-Cancer Drug Pharmacokinetics; and 5. Supportive Therapies.

---