1. Record Nr. UNINA9910337523203321

Titolo	Precision Medicine in Cancer Therapy / / edited by Daniel D. Von Hoff, Haiyong Han
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-16391-1
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (ix, 283 p.)
Collana	Cancer Treatment and Research, , 2509-8497 ; ; 178
Classificazione	28.24.12.16
Disciplina	616.994
Soggetti	Oncology Cancer Cancer Biology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Part I: Individual types of cancer precision medicine, Hematological malignancies -- Lung cancer -- Breast cancer -- Rare malignancies -- Part II: Currently available techniques, Immunohistochemistry enabled precision medicine -- Genomics enabled precision medicine -- Proteomics enabled precision medicine -- Metabolomics enabled precision medicine, Part III: Future precision medicine -- Imaging precision medicine -- Single cell sequencing in precision medicine -- Microbiome in precision medicine -- Perspectives on precision medicine.
Sommario/riassunto	This book presents the latest advances in precision medicine in some of the most common cancer types, including hematological, lung and breast malignancies. It also discusses emerging technologies that are making a significant impact on precision medicine in cancer therapy. In addition to describing specific approaches that have already entered clinical practice, the book explores new concepts and tools that are being developed. Precision medicine aims to deliver personalized healthcare tailored to a patient’s genetics, lifestyle and environment, and cancer therapy is one of the areas in which it has flourished in recent years. Documenting the latest advances, this book is of interest to physicians and clinical fellows in the front line of the war on cancer, as well as to basic scientists working in the fields of cancer biology,

drug development, biomarker discovery, and biomedical engineering. The contributing authors include translational physicians with first-hand experience in precision patient care.