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Titolo	Precision Molecular Pathology of Liver Cancer // edited by Chen Liu
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Descrizione fisica	1 online resource (XI, 271 p. 30 illus., 22 illus. in color.)
Collana	Molecular Pathology Library, , 1935-987X
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Soggetti	Pathology Gastroenterology Oncology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Overview: Current diagnosis and treatment of HCC in the era of precision medicine -- The etiology and pathogenesis of hepatocellular carcinoma -- Histological classification of HCC and its clinical implication -- Molecular classification of HCC and precision medicine -- Recent advances in HCC genomics, next generation sequencing, and bioinformatics -- Epigenetic regulations in the pathogenesis of HCC and the clinical application -- Biomarker discovery and validation in HCC diagnosis, prognosis, and therapy -- HCC cancer stem cell signaling pathway -- Epithelial and mesenchymal transition (EMT) and its biological significance in HCC -- HCC metastasis and circulating tumor cells -- Biological role and potential clinical application of miRNA in hepatocellular carcinoma -- Immune regulation in HCC and the prospect of immunotherapy -- Liver cell dysplasia and the development of HCC -- Molecular pathogenesis of hepatic adenoma and its malignant transformation -- The role of liver biopsy in HCC early diagnosis and treatment decision -- The future prospect on surgical approaches for HCC -- The future prospect on targeted therapy for HCC. .
Sommario/riassunto	This volume provides the most updated knowledge on the advancement of molecular pathogenesis, molecular diagnosis, and therapy development for hepatocellular carcinoma (HCC). Topics

covered include the etiology and pathogenesis of HCC, recent advances in HCC genomics, biomarker discovery and validation in HCC diagnosis, the role of liver biopsy in HCC early diagnosis, and the future prospects of surgical approaches and targeted therapy for HCC. In addition to reviewing the current available knowledge, the book also discusses the future development of a precision and personalized medicine approach for HCC. Written by experts in the field, Precision Molecular Pathology of Liver Cancer is a concise yet comprehensive resource for practitioners who treat patients with hepatocellular carcinoma. .

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