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Nota di contenuto	1 Molecular Virology and Life Cycle of Hepatitis B Virus -- 2 Unmet Needs in Basic Research of Hepatitis B Virus Infection: In Vitro and In Vivo Models -- 3 Unmet Needs Clinical Research Hepatitis B -- 4 Immunopathogenesis of Hepatitis B Virus Infection -- 5 Pathology of Hepatitis B Virus (HBV) Infection and HBV-related Hepatocellular Carcinoma -- 6 Molecular Carcinogenesis of Hepatitis B Virus-Related Hepatocellular Carcinoma -- 7 Epidemiology and Natural History of Hepatitis B Virus Infection -- 8 Hepatitis B Vaccines -- 9 Viral and Host Factors Affecting Disease Progression of Hepatitis B Virus Infection -- 10 Novel Biomarkers for the Management of Chronic Hepatitis B Virus Infection -- 11 Chronic hepatitis B virus infection: Non-invasive assessment of liver disease -- 12 Chronic Hepatitis B Virus Infection: Interferon Therapy and Long-Term Outcomes -- 13 Nucleos(t)ide therapy and long-term outcomes -- 14 Combination therapy -- 15 Treatment of HCV, HDV or HIV Coinfections -- 16 Management of Chronic Hepatitis B Virus Infection in Children and Pregnant Women -- 17 Occult Hepatitis B Infection -- 18 Hepatitis B Virus Reactivation and Management of Patients undergoing Immunosuppression -- 19

Novel Therapy for Functional Cure of Chronic Hepatitis B Virus Infection
-- 20 Is Cure of Hepatitis B infection a mission possible?.

Sommario/riassunto

This book provides a comprehensive, state-of-the art review of HBV infection and liver disease. It discusses new data on basic and translational medicine, including the viral life cycle, the immunopathogenesis of virus-induced chronic hepatitis, viral and host genetic factors affecting disease progression, and the mechanism of virus-induced hepatocarcinogenesis, as well as their potential applications in daily clinical practice. The clinical aspects of chronic HBV infection are examined in chapters on the global epidemiology, efficacy of HBV vaccination, natural history, novel biomarkers, co-infections with HCV, HDV or HIV, and management of special populations including children, pregnant women and patients undergoing immunosuppressive therapy. Further, it describes the advances and perspectives in the development of novel antiviral treatments for possible functional cure of HBV infection. In this second edition, authors provides recent updates in epidemiology, biomarkers, antiviral therapy, and novel therapy for functional cure of chronic hepatitis B virus infection. The book is a valuable resource for medical students, physicians, and researchers who are interested in management of patients with chronic HBV infection and investigation HBV infection.
