

1. Record Nr.	UNINA9910789348703321
Titolo	Chronic hepatitis B and C [[electronic resource] ] : basic science to clinical applications // editor, Chiaho Shih
Pubbl/distr/stampa	Singapore ; ; Hackensack, NJ, : World Scientific, c2013
ISBN	1-283-85067-2 981-4299-79-0
Descrizione fisica	1 online resource (415 p.)
Altri autori (Persone)	ShihChiaho
Disciplina	616.3/623
Soggetti	Chronic diseases Hepatitis B - Pathophysiology Hepatitis C - Pathophysiology Hepatitis C - Treatment
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 and index.
Nota di contenuto	Preface; Foreword; Contents; Contributors; Hepatitis B Virus; Chapter 1 Natural Course of Chronic Hepatitis B Virus Infection Chia-Ming Chu and Yun-Fan Liaw; Introduction; Epidemiology of Chronic HBV Infection; Clinical Presentation; Phases of Chronic HBV Infection; Immune Tolerant Phase; Immune Clearance Phase; Hepatitis Activity and Acute Hepatitis Flares (HBeAg-positive Chronic Hepatitis) during Immune Clearance Phase; HBeAg to anti-HBe Seroconversion; HBeAg Persistence and Its Outcome; Inactive/Residual Phase; Spontaneous HBsAg Seroclearance; Reactivation of Hepatitis B; HBeAg Reversion HBeAg-Negative Chronic HepatitisConcurrent Viral Superinfection as Part of Natural Course; Hepatitic C Virus; Hepatitis D Virus; Human Immunodeficiency Virus; Sequelae and Mortality; Cirrhosis and Contributing Factors; Hepatic Decompensation and Mortality; HCC and Contributing Factors; Survival of Cirrhosis; Conclusion; References; Chapter 2 Immune Response and Viral Hepatitis B David R. Milich; Introduction; Serology of Acute and Chronic HBV Infections; The PreS Envelope Antigens; Increased Complexity of the Serology of Chronic HBV Infection Human T Cell Responses in Acute and Chronic HBV InfectionCD4 + Th

Cell Response; CD8 + CTL Response; Innate Immunity to HBV; Mechanisms of Liver Injury and Clearance; Transgenic Models of Immune-mediated Liver Injury; HBV Persistence; Tolerogenicity of HBc/HBeAg; Immune Escape Variants; Manifestations of HBV-Specific T Cell Tolerance; Immunogenetics; Summary; Acknowledgment; References; Chapter 3 Epidemiology of Viral Hepatitis B-related Hepatocellular Carcinoma Katherine A. McGlynn, Alison A. Evans and W. Thomas London; Introduction; History; Global Prevalence of Chronic HBV Infection  
Liver Cancer Incidence, Mortality, and Survival Demographic Factors; Age; Sex; Ethnicity; Risk Factors; Aflatoxin; Alcohol; Tobacco; Pesticides; Iron-related Conditions; Endogenous and Exogenous Hormones; Host Susceptibility; Susceptibility to Chronic HBV Infection; Susceptibility to HCC Once Chronic HBV Infection is Established; Viral Factors; Viral Load; Viral Genotype; Viral Mutations; HBV and Other Cancers; Future Directions and Unresolved Issues; References; Chapter 4 Molecular Biology of HBV-related Hepatocellular Carcinoma Amanda J. Hodgson and Betty L. Slagle; Abstract; Introduction  
Lessons from Other Tumor Viruses HBV and HCC; A Model for HBV-associated HCC; Immune-mediated Pathogenesis; Early Immune Response to HBV Infection; Immune-mediated Clearance of HBV; Immune Pathogenesis During Chronic Infection; Effect of HBx on Liver Regeneration; Liver Regeneration in HBV Transgenic Mice; Role of Viral Integration in HCC; General Features of HBV Integration; Lessons Learned from the WHV System; HBV Integration in Human HCCs; Potential Oncogenic Properties of HBV Gene Products; PreS1; PreS2 Truncations; Regulatory HBx Protein; HBx and the Cell Cycle  
Activation of Signal Transduction Pathways

---

Sommario/riassunto

The scope of the book is very broad, covering a wide range of areas in HBV/HDV and HCV research, including both basic and clinical science. The selected topics range from epidemiology, immunology, molecular virology and oncology, to clinical therapy. Chronic Hepatitis B and C consists of 14 chapters, each being a review of a special topic on HBV or HCV. While review articles on a special topic can be found in periodical journals, they tend to be more restricted in presentation. Therefore, this book will provide more in-depth coverage of what are presented as "unpublished results" and "data not

---