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Titolo	Cellular Injury in Liver Diseases / / edited by Wen-Xing Ding, Xiao-Ming Yin
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Descrizione fisica	1 online resource (XIII, 263 p. 26 illus., 22 illus. in color.)
Collana	Cell Death in Biology and Diseases, , 2625-2902
Disciplina	571.84
Soggetti	Cell cycle Apoptosis Cell physiology Hepatology Cell membranes Cell Cycle Analysis Cell Physiology Membrane Biology
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	Preface -- 1) Regulation of cell death in Hepatocytes, An overview -- 2) Cell death of cholangiocytes and its role in the development of biliary diseases -- 3) Cell death and autophagy in hepatic stellate cell activation and function -- 4) Regulation of Kupffer's cell death, survival and activation during liver injury -- 5) Drug-induced liver injury (DILI), a general overview -- 6) Mechanisms of acetaminophen-induced liver injury -- 7) HIV-protease inhibitor-induced liver injury -- 8) Mechanisms of Lipotoxicity in Liver Injury -- 9) Cell Death in NAFLD and NASH -- 10) Cell death and autophagy in alcohol-induced liver injury -- 11) Bile acid-induced cell death, cholestasis and liver injury -- 12) Cell death in ischemia-reperfusion induced liver injury -- 13) Lectin (ConA)-induced liver injury and autoimmune hepatitis -- 14) Cell death and autophagy in viral hepatitis -- 15) Cell death and autophagy in liver tumorigenesis and liver cancer.

Sommario/riassunto

This comprehensive volume describes drug and virus-mediated hepatocyte injury, alcohol, lipid and bile acid-induced hepatocyte injury in addition to ischemia-reperfusion-mediated liver injury. The chapter authors who discuss these topics are leading experts on cell death in liver diseases. The authors link these different types of liver injury to the commonly associated liver inflammation, fibrosis and tumorigenesis. Other topics explored include the various forms of cell death and cell survival pathways that have been identified in the liver, such as apoptosis, necroptosis, pryoptosis and autophagy. This book, along with its companion volume, Molecules, Systems and Signaling in Hepatic Cell Death, provides a thorough and comprehensive discussion on the topic of cell death and liver disease. Cellular Injury in Liver Diseases is an essential addition to the Cell Death in Biology and Diseases series and will appeal to scientists, clinicians and those doing research for drug discovery. .