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Titolo	Molecules, Systems and Signaling in Liver Injury [[electronic resource] /] / edited by Wen-Xing Ding, Xiao-Ming Yin
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ISBN	3-319-58106-6
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (290 pages) : illustrations (some color)
Collana	Cell Death in Biology and Diseases, , 2625-2902
Disciplina	617.1
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.
Sommario/riassunto	This essential volume presents comprehensive information on cell death and autophagy in liver diseases, including the role and molecular signaling pathways of cell death in alcohol and non-alcoholic fatty liver disease, bile acids, hepatitis C virus and drug-induced liver injury. The book starts with a discussion of lipotoxicity in non-parenchymal cells, followed by a discussion of cell death and autophagy in cholangiocytes, hepatic stellate cells and Kupffer cells in hepatic biliary diseases, fibrosis and liver inflammation. The book also covers Bcl-2 family proteins, beta-catenin and HMGB1 signaling in regulating cell death in the liver as well as mitochondria, ER stress and gut microbiota on liver injury. The Cell Death in Biology and Diseases series has recruited world experts ranging from basic scientists to clinicians on cell death in liver diseases. Likewise the contributors of this volume are leaders in

their fields with worldwide expertise and perspective. Molecules, Systems and Signaling in Liver Injury is an essential companion to Hepatocytes and Non-Parenchymal Cells and Diseases. It is beneficial for both clinicians and basic scientists and is relevant to those working on drug discovery for preventing and treating liver diseases by targeting cell death and autophagy pathways.