

1. Record Nr.	UNINA9910450323603321
Autore	Gold Charles H. <1935->
Titolo	"Hatching ruin," or, Mark Twain's road to bankruptcy [[electronic resource] /] / Charles H. Gold
Pubbl/distr/stampa	Columbia, : University of Missouri Press, c2003
ISBN	0-8262-6336-4
Descrizione fisica	1 online resource (181 p.)
Collana	Mark Twain and his circle series
Disciplina	818/.409 B
Soggetti	Authors, American - 19th century Bankruptcy - United States Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references (p. 157-160) and index.

2. Record Nr.	UNINA9910298334703321
Titolo	Cell Death : Mechanism and Disease // edited by Hao Wu
Pubbl/distr/stampa	New York, NY : , : Springer New York : , : Imprint : Springer, , 2014
ISBN	1-4614-9302-1
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (280 p.)
Disciplina	570 571.6 571.936 572696
Soggetti	Cytology Cell physiology Proteins Apoptosis Medicine Cell Biology Cell Physiology Receptors Biomedicine, general
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	1. Historical Perspective – the Seven Ages of Cell Death Research -- 2. The Intrinsic Apoptotic Pathway -- 3. Molecular Basis of Cell Death Programs in Mature T Cell Homeostasis -- 4. Bcl-2 family and their therapeutic potential -- 5. IAP proteins and their therapeutic potential -- 6. Cell Death and Cancer -- 7. The DNA damage response mediates apoptosis and tumor suppression -- 8. Neuronal Death Mechanisms in Development and Disease -- 9. The Complex Interplay Between Metabolism and Apoptosis -- 10. Programmed Necrosis/Necroptosis: An Inflammatory Form of Cell Death -- 11. Structural Perspectives on BCL-2 Family of Proteins -- 12. Structural basis of death receptor signaling.
Sommario/riassunto	Beginning from centuries of anecdotal descriptions of cell death, such

as those on the development of the midwife toad in 1842 by Carl Vogt, to modern-day investigations of cell death as a biological discipline, it has become accepted that cell death in multicellular organisms is a normal part of life. This book provides a comprehensive view of cell death, from its mechanisms of initiation and execution, to its implication in human disease and therapy. Physiological cell death plays critical roles in almost all aspects of biology, and the book details its roles in lymphocyte homeostasis, neuronal function, metabolism, and the DNA damage response. When physiological cell death goes awry, diseases can arise, and cancer is presented as a central paradigm for the consequences of derangements in the interplay between cell survival and cell death. At the same time, the potential promise of targeted therapies aimed at interdicting cell death machineries are also discussed extensively. The molecular mechanisms that underlie apoptotic cell death are illustrated from the perspectives of both the intrinsic, mitochondrial apoptotic pathway and the extrinsic, death receptor pathway. Key players in these pathways, such as the Bcl2 family proteins, cytochrome c, Apaf-1, caspases, death receptor adapter proteins, and inhibitor of apoptosis proteins, are presented from both functional and structural angles. Until only a few years ago, programmed cell death has been considered essentially synonymous with apoptosis. However, we now know that programmed cell death can also take other forms such as necrosis or necroptosis, and to this end, the mechanisms that underlie programmed necrosis in development and host defense are illustrated. The past twenty plus years have seen an incredible growth of research in cell death, with one breakthrough after another, and the legacy still goes on with constant new surprises and findings. Long live cell death! Hao Wu, Ph.D., is the Asa and Patricia Springer Professor at Harvard Medical School where she is a member of the Department of Biological Chemistry and Molecular Pharmacology. She is also a Senior Investigator in the Program in Cellular and Molecular Medicine at Boston Children's Hospital. Her research focuses on elucidating the molecular basis of signal transduction by immune receptors, including the induction of cell death pathways.

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