1. Record Nr. UNISA996395471303316

Autore	Whitaker Edward
Titolo	A justification of the paper, entituled, A short history of the life and death of the act made in the 35th of Eliz. Cap. I, &c [[electronic resource]] : containing some observations on that part of the Gazett (published 21th of April last) which asserts the contrary : wherein it doth plainly appear (notwithstanding what is therein alledged) that the said act of the 35th of Eliz. and the Conventicle Act of the 16th of the King, are not in being, nor hath the force of a law / / by the same author
Pubbl/distr/stampa	London, : Printed for B.A. and published by R. Januway [Janeway] ..., 1681
Descrizione fisica	[2], 5 p
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Attributed to Edward Whitaker. Cf. NUC pre-1956. Reproduction of original in Huntington Library.
Sommario/riassunto	eebo-0113

2. Record Nr. UNINA9910968344203321

Titolo	Cell death / / editors, Gerry Melino, David Vaux
Pubbl/distr/stampa	Chichester, West Sussex ; ; Hoboken, NJ, : John Wiley & Sons, 2010
ISBN	9786612548093 9781282548091 1282548093 9780470686577 047068657X
Edizione	[1st ed.]
Descrizione fisica	1 online resource (317 p.)
Altri autori (Persone)	MelinoGerry VauxDavid
Disciplina	571.9/36
Soggetti	Apoptosis Cell death
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	Cover; Cell Death; Copyright Page; Contents; Contributors; Preface; The Siren's Song: This Death That Makes Life Live; References; Further Reading; The Origin and Evolution of Programmed Cell Death; Introduction; Origins: From the Question 'When' to the Question 'How'; From Predator/Prey Coevolution to Symbioses: A 'Red Queen' Hypothesis in the Bacteria World; A Stable Evolutionary Strategy despite High Individual Costs; The 'Original Sin' Hypothesis: Self-destruction as an Unavoidable Consequence of Life; C. elegans Model: From Paradigm to Paradox; Walking Around the Evolutionary Bush From the Origins of Programmed Cell Death to the Origins of Ageing'There is Grandeur in This View of Life...'; References; Further Reading; Cell Death in C. elegans; ced-3, ced-4, ced-9 and egl-1 are Conserved Genes Essential for Programmed Cell Death in C. elegans; Regulation of Cell Death during Somatic Development; Engulfment of Dying Cells; Germline Apoptosis; DNA Damage-induced Germline Apoptosis; Conclusion; References; Further Reading; Caspases and Cell Death; History and Classification; Structure and Active Site; Substrate Recognition and Mechanism of Action; Sequence of Action

Substrates during ApoptosisInhibitors; Caspase Knockouts; Pathological Implications; Therapeutic Outlook; References; Further Reading; The Apoptosome: The Executioner of Mitochondria-mediated Apoptosis; Introduction; The Apoptosome Structure: Its Components and Its Assembly; Apaf1; Apoptosome assembly; Caspase-9; Cytochrome c; Modulation of the Apoptosome Formation; Apoptosome-like Complexes in Evolution. Is the Mitochondrial Pathway of Apoptosis Conserved?; Caenorhabditis elegans; Drosophila melanogaster; The Role of the Apoptosome in Mammalian Development; Caspase-9 knockout; Apaf1 knockout
Cytochrome c deficiencyFinal Remarks; References; Further Reading; Caspases, Substrates and Sequential Activation; Introduction; Caspases Classification and Structure; Pathways That Lead to Caspase Activation; Extrinsic pathway; Granzyme B pathway; Intrinsic pathway; Effectors of demolition; Demolition Phase of Apoptosis; Detachment, rounding and blebbing; Nuclear fragmentation, DNA condensation and degradation; Undermining cell physiology; Immune Clearance and Immune Tolerance of Apoptotic Cells; Conclusions; Acknowledgements; References; Further Reading; Dismantling the Apoptotic Cell
IntroductionCaspases: Regulators of the Apoptotic Process; Activation of the apoptotic caspases; Effect of caspase-mediated cleavage on target substrates - gain- or loss-of-function; Cleavage of caspase substrates leads to key morphological changes during apoptosis; Cytoskeletal events and membrane blebbing; Nuclear events; Changes in the Golgi apparatus; Caspases alter the transcriptional and translational machinery; Survival pathways are targeted during apoptosis; The apoptotic cell calls for its own disposal; Caspase-independent cell death; Concluding Remarks; References; Further Reading
The BCL-2 Family Proteins - Key Regulators and Effectors of Apoptosis

Sommario/riassunto

This book on cell death contains 29 self-contained, peer-reviewed articles written by leading scientists in each field. It features overview articles aimed at undergraduates and non-specialists, which present basic information and provide entry into the following advanced articles. These advanced articles are written for postgraduate students and research workers, containing detailed information and key references allowing the reader to investigate a specific area in more depth. The book is an essential resource for educational purposes as well as a reference work for experienced researchers i