1. Record Nr. UNINA9910792418603321 Cell death [[electronic resource] /] / editors, Gerry Melino, David Vaux Titolo Chichester, West Sussex: ; Hoboken, NJ, : John Wiley & Sons, 2010 Pubbl/distr/stampa **ISBN** 1-282-54809-3 9786612548093 0-470-68657-X 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 Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. Cover; Cell Death; Copyright Page; Contents; Contributors; Preface; The Nota di contenuto 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/Prev 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 Dving 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

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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