Record Nr. UNINA9910809997603321 Signalling pathways in apoptosis / / edited by Diane Watters and Martin **Titolo** Lavin Pubbl/distr/stampa Amsterdam,: Harwood Academic, c1999 **ISBN** 0-429-17691-0 1-4822-9821-X 1-280-07171-0 9786610071715 0-203-30365-2 Edizione [1st ed.] Descrizione fisica 1 online resource (338 p.) Modern genetics, , 1056-4497;; v. 5 Collana Altri autori (Persone) LavinMartin <1943-> WattersDianne <1952-> Disciplina 571.936 Soggetti **Apoptosis** Cellular signal transduction 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 Book Cover; Title; Contents; Preface to the Series; Preface; Contributors; Overview: A Matter of Life and Death; The Death Receptors; The Role of Sphingolipids in Stress Responses and Apoptosis in Eukaryotes; Radiation Response Pathways and Apoptosis; Kinase Cascades and Apoptosis; Protein Kinase C Isoenzymes: Evidence for Selectivity in the Regulation of Apoptosis; Apoptosis in Drosophila; Baculoviral Lessons in Apoptosis; The Mitochondrion: Decisive for Cell Death Control?; Caspases and the Commitment to Death; Caspases: The Molecular Effectors of Apoptosis; Killer Cells Deliverers of Exogenous Death ProteasesSubstrates of Cell Death Proteases and their Role in Apoptosis: Index Sommario/riassunto Apoptosis, or programmed cell death, is a necessary process by which a cell may die without adversely affecting its environment. It plays a crucial role in normal development, and in the body's defence mechanisms against disease. Too much cell death is destructive, leading to neurodegenerative diseases and impaired development. Conversely, too little cell death can lead to an increased susceptibility

to cancer and sustained viral infection. Apoptosis is a matter of balanceDramatic progress has been made in the study of apoptosis over the past decade. One of the most rapidly expanding knowl