

1. Record Nr.	UNINA9910253903103321
Titolo	Apoptosis in Cancer Pathogenesis and Anti-cancer Therapy : New Perspectives and Opportunities // edited by Christopher D. Gregory
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-39406-1
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (260 p.)
Collana	Advances in Experimental Medicine and Biology, , 0065-2598 ; ; 930
Disciplina	610
Soggetti	Cancer research Apoptosis Molecular biology Cancer Research Molecular Medicine
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Foreword -- Preface -- 1. Molecular Cell Biology of Apoptosis and Necroptosis in Cancer -- 2. Clearance of Dying Cells by Phagocytes: Mechanisms and Implications for Disease Pathogenesis -- 3. Micro-environmental Effects of Cell Death in Malignant Disease -- 4. Apoptotic Caspases in Promoting Cancer: Implications from Their Roles in Development and Tissue Homeostasis -- 5. Axl and Mer Receptor Tyrosine Kinases: Distinct and Non-overlapping Roles in Inflammation and Cancer? -- 6. Immunogenic Apoptotic Cell Death and Anti-cancer Immunity -- 7. Cancer Cell Death-inducing Radiotherapy – Impact on Local Tumour Control, Tumour Cell Proliferation and Induction of Systemic Anti-tumour Immunity -- 8. Novel Approaches to Apoptosis-inducing Therapies -- 9. Killing Is Not Enough – How Apoptosis Hijacks Tumor-associated Macrophages to Promote Cancer Progression -- Index.
Sommario/riassunto	This book discusses properties of apoptosis and other cell death modalities in cancer pathogenesis and treatment. Its nine chapters discuss modulation of anti-tumor inflammatory and immune responses, effects on the tumor microenvironment, to strategies for

improving pro-apoptotic therapies, mechanisms and implications for disease pathogenesis, axl and mer receptor tyrosine kinases, immunogenic apoptotic cell death and anti-cancer immunity and cancer cell death-inducing radiotherapy. This book places the oncobiology of apoptosis in clear and objective perspective through an expertly synthesized series of reviews. Apoptosis in Cancer Pathogenesis and Anti-cancer Therapy is a deft and thorough exploration of cutting-edge research in apoptosis and anti-cancer mechanisms from basic biology to oncology. It highlights a rapidly growing field within cancer research and is essential reading for oncologists, biochemists and advanced graduate students alike.
