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Nota di contenuto	; . General Principles Of Cell Death: ; 1. Human caspases -- Apoptosis and Inflammation Signaling Proteases / Guy S. Salvesen; ; 2. Inhibitor of Apoptosis Proteins / Jason B. Garrison, Andreas Krieg, Kate Welsh, Yunfei Wen, and John C. Reed; ; 3. Death Domain-Containing Receptors: Decisions Between Suicide and Fire / Henning Walczak and Chahrazade Kantari; ; 4. Mitochondria and Cell Death / Gavin P. McStay and Douglas R. Green; ; 5. The Control of Mitrochondrial Apoptosis by the BCL-2 Family / Anthony Letai; ; 6. Endoplasmic Reticulum Stress Response in Cell Death and Cell Survival / Michael Boyce, Marta M. Lipinski, Benedicte F. Py and Junying Yuan; ; 7. Autophagy- The Liaison between the Lysosomal System and Cell Death / Hiroshi Koga and Ana Maria Cuervo; ; 8. Cell Death in Response to Genotoxic Stress and DNA

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Sommario/riassunto

Apoptosis, or cell death, can be pathological, a sign of disease and damage, or physiological, a process essential for normal health. This book, with contributions from experts in the field, provides a timely compilation of reviews of mechanisms of apoptosis. The book is organized into three convenient sections. The first section explores the different processes of cell death and how they relate to one another. The second section focuses on organ-specific apoptosis-related diseases. The third section explores cell death in non-mammalian organisms, such as plants. This comprehensive text is a must-read for all researchers and scholars interested in apoptosis.