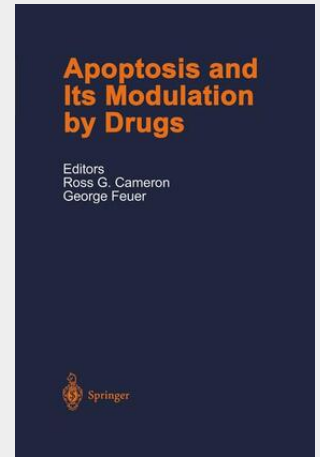


## Apoptosis and Its Modulation by Drugs

Apoptosis is a fascinating concept for the basic scientist. This is not only because of the multifaceted variety of proposed and discovered mechanisms, but because apoptosis represents a fundamental pathway for cell renewal. The study of apoptosis has resulted in an array of discoveries on signal transduction and downstream effects that have facilitated and advanced many fields in biology, including research on cancer and other diseases. Thus, the apoptotic process can be viewed as the largest effort of the scientific community to understand how cells work and tissues assemble or remodel. The most direct consequence of this accumulated knowledge is a greater understanding of disease and pathological mechanisms. The end result of these efforts will be significant contributions to health and the adoption of new, never anticipated, therapeutic approaches. This book represents the summation of considerable effort from a significant group of contributors from all over the world as well as from its editors. In this fashion, many viewpoints have been collected and subjected to thorough academic discussion. The concepts contained in this medically important volume will stimulate and renew the ideas of scientists and indeed, will generate additional work to advance biological knowledge even further. The emphasis of this volume cements what has been established, adds what has not been explored fully, and creates a fertile ground for further hypotheses that will lead to a more complete understanding of the apoptotic process.

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