

APOPTOSIS AND DEVELOPMENT

Edited by

Hermann Steller

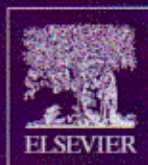
Howard Hughes Medical Institute, The Rockefeller University, New York, NY, USA

Programmed cell death (PCD) plays important roles in animal development, and its original discovery dates back to 1842 when Karl Vogt reported that cell death is associated with the removal of the notochord during amphibian metamorphosis. During the past two decades, dramatic progress has been made in understanding the biochemical basis of the most prominent form of naturally occurring PCD, termed apoptosis. This volume illustrates both the remarkable advances that have been made in elucidating pathways and detailed biochemical mechanisms to explain key events during apoptosis, but they also reveal the many unresolved questions and unexpected new opportunities that we still face for understanding the physiological regulation and function of PCD.

KEY FEATURES:

- Authoritative and expert contributions from this exciting area of biomedical research
- Comprehensive and state of the art reviews with emphasis on current developments in apoptosis and development

Cover image:
Chapter 6, figure 1. Example of early neural cell death. Elimination of morphogen-producing cells.
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