

HD18 – CELL DEATH IN DEVELOPMENT

Learning Objectives:

You should be able to:

- 1) Discuss the functions of cell death in development.
- 2) Provide specific examples of the roles of cell death in development.
- 3) Discuss some of the tissue interactions that regulate developmental cell death.
- 4) Describe the basic molecular mechanisms that underlie the cell death process.

Recommended Reading:

Vaux DL, SJ Korsmeyer. Cell death in development. *Cell*. 1999; 96: 245–54.

Meier P, Finch A, Evan G. Apoptosis in development. *Nature*. 2000 Oct 12;407(6805):796-801. Review.

Fadeel B, Orrenius S. Apoptosis: a basic biological phenomenon with wide-ranging implications in human disease. *J. Intern Med*. 2005 Dec;258(6):479-517. Review.