



# Chapter 7a

## Introduction to the Endocrine System

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# HUMAN PHYSIOLOGY

AN INTEGRATED APPROACH • 6E

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# About This Chapter

- Hormones
- The classification of hormones
- Control of hormone release
- Hormone interactions
- Endocrine pathologies
- Hormone evolution

# Hormones: Function

- Control
  - Rates of enzymatic reactions
  - Transport of ions or molecules across cell membranes
  - Gene expression and protein synthesis