

Name _____ Period _____

Chapter 49: Hormones and the Endocrine System

Overview

1. What is a hormone?
2. Why does a hormone affect only target cells with receptors?
3. How does the end temperature regulating system? Which hormone is secreted by the hypothalamus?
4. What is the other major communication and control system?

Concept 49.1: Hormones and other signaling molecules bind to target receptors, triggering specific response pathways

1. Explain the difference between an endocrine gland and an exocrine gland. Give an example of each.
2. Several types of animal signaling molecules are discussed in this chapter. Compare the action of each of the following, and give an example.

hormones

local regulators

neurotransmitters

pheromones