

Module 1

Introduction to the Human Body

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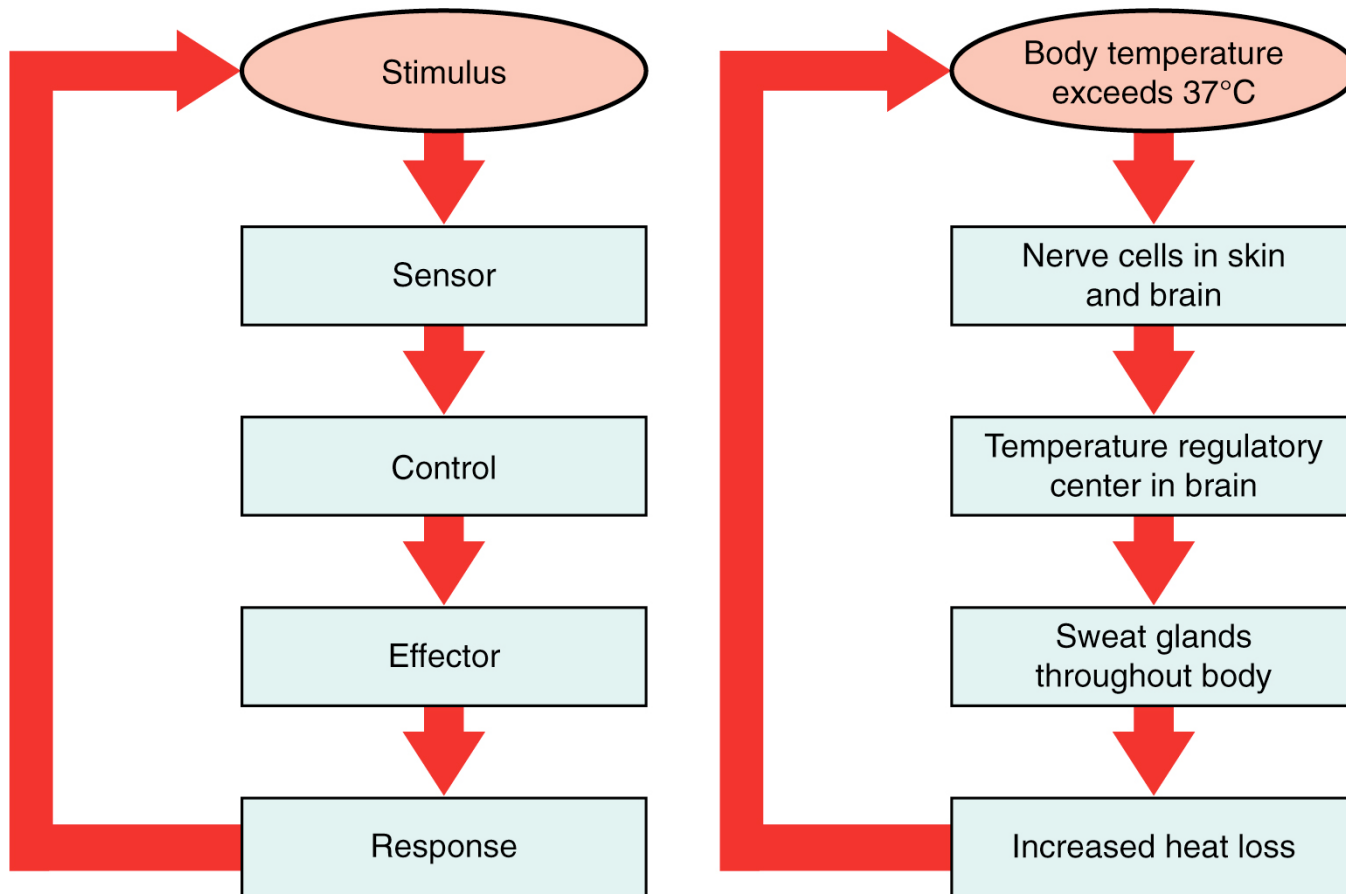
Learning Outcomes

1. Define and differentiate anatomy and physiology
2. Levels of body organization
3. Life processes
4. Anatomical terminology and body planes
5. Body cavities and cavity membranes
6. Abdominopelvic regions and quadrants
7. Homeostasis

7. Homeostasis

- Definition: the maintenance of a relatively constant internal environment
- Importance of maintaining homeostasis
 - Maintains optimal conditions for body to function properly
- What regulates homeostasis?
 - Feedback loops
 - a. Negative feedback loop
 - b. Positive feedback loop

a. Negative Feedback Loop



(a) Negative feedback loop

(b) Body temperature regulation

b. Positive Feedback Loop

