

# Module 1

## Introduction to the Human Body

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# Learning Outcomes

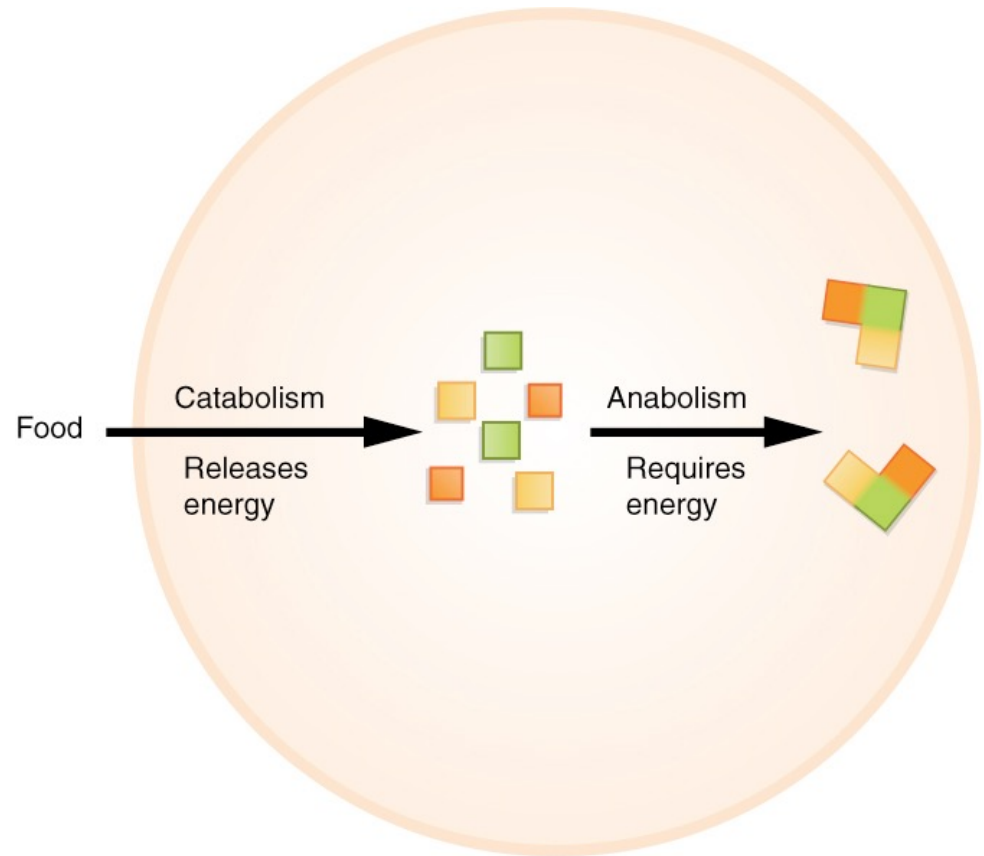
1. Define and differentiate anatomy and physiology
2. Levels of body organization
3. Life processes
4. Anatomical terminology and body planes
5. Body cavities and cavity membranes
6. Abdominopelvic regions and quadrants
7. Homeostasis

# 3. Life Processes

- a. Metabolism
- b. Responsiveness
- c. Movement
- d. Growth
- e. Differentiation
- f. Reproduction

## a. Metabolism

- Anabolic reactions are building reactions, and they consume energy. Catabolic reactions break materials down and release energy. Metabolism includes both anabolic and catabolic reactions.

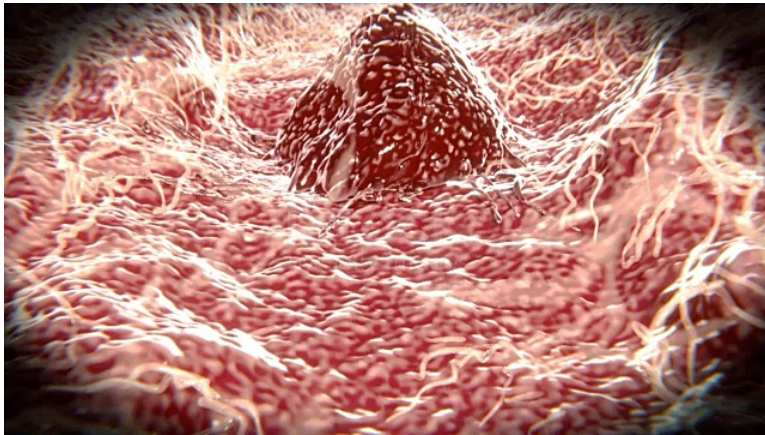


## b. Responsiveness



\*both are animations! Click on them to view

## c. Movement



\*all are animations! Click on them to view

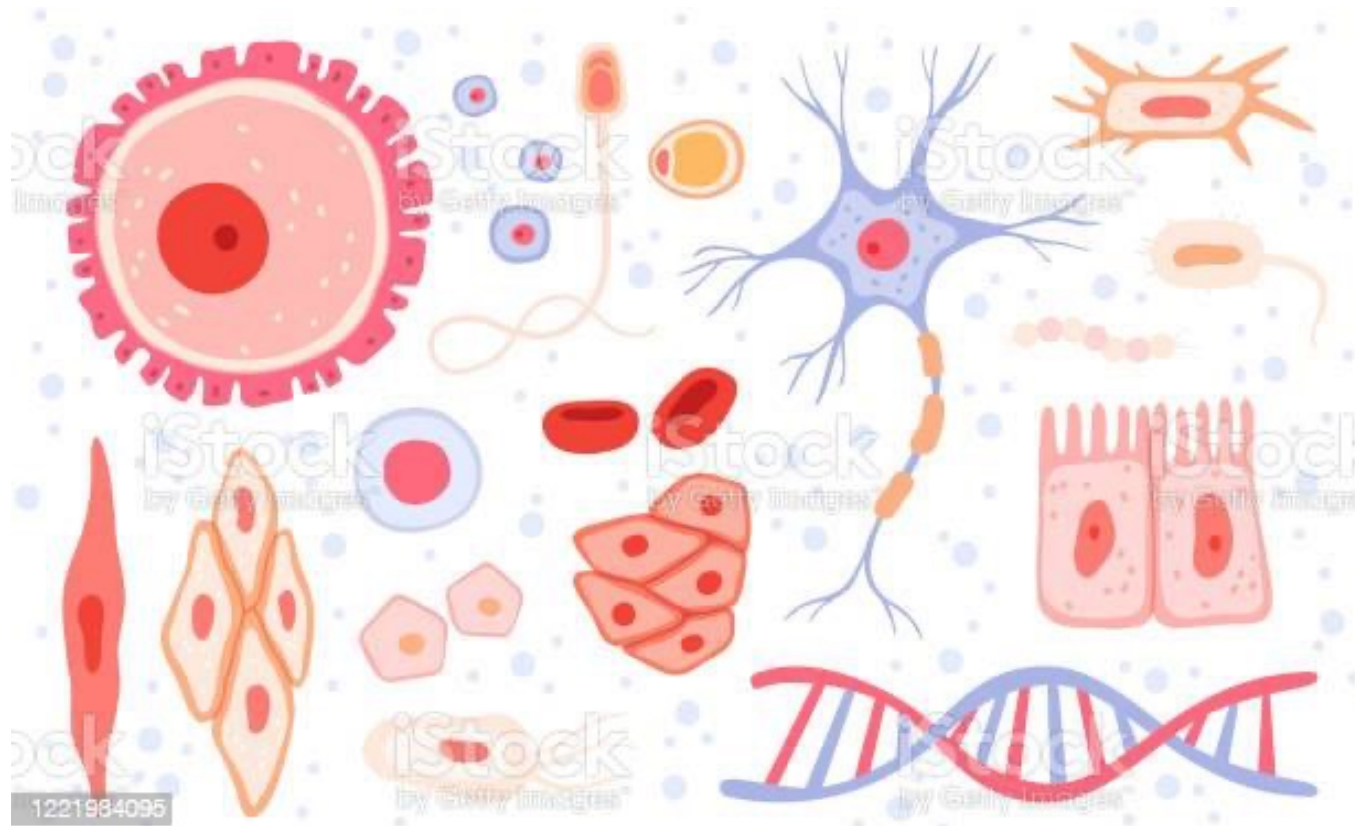
## d. Growth



\*both are animations! Click on them to view

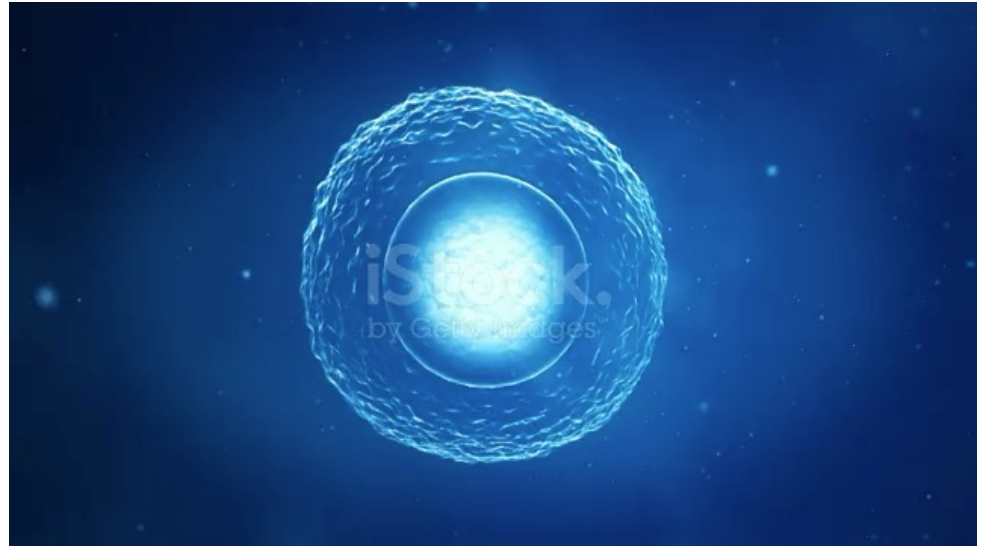


## e. Differentiation





## f. Reproduction



\*both are animations! Click on them to view

