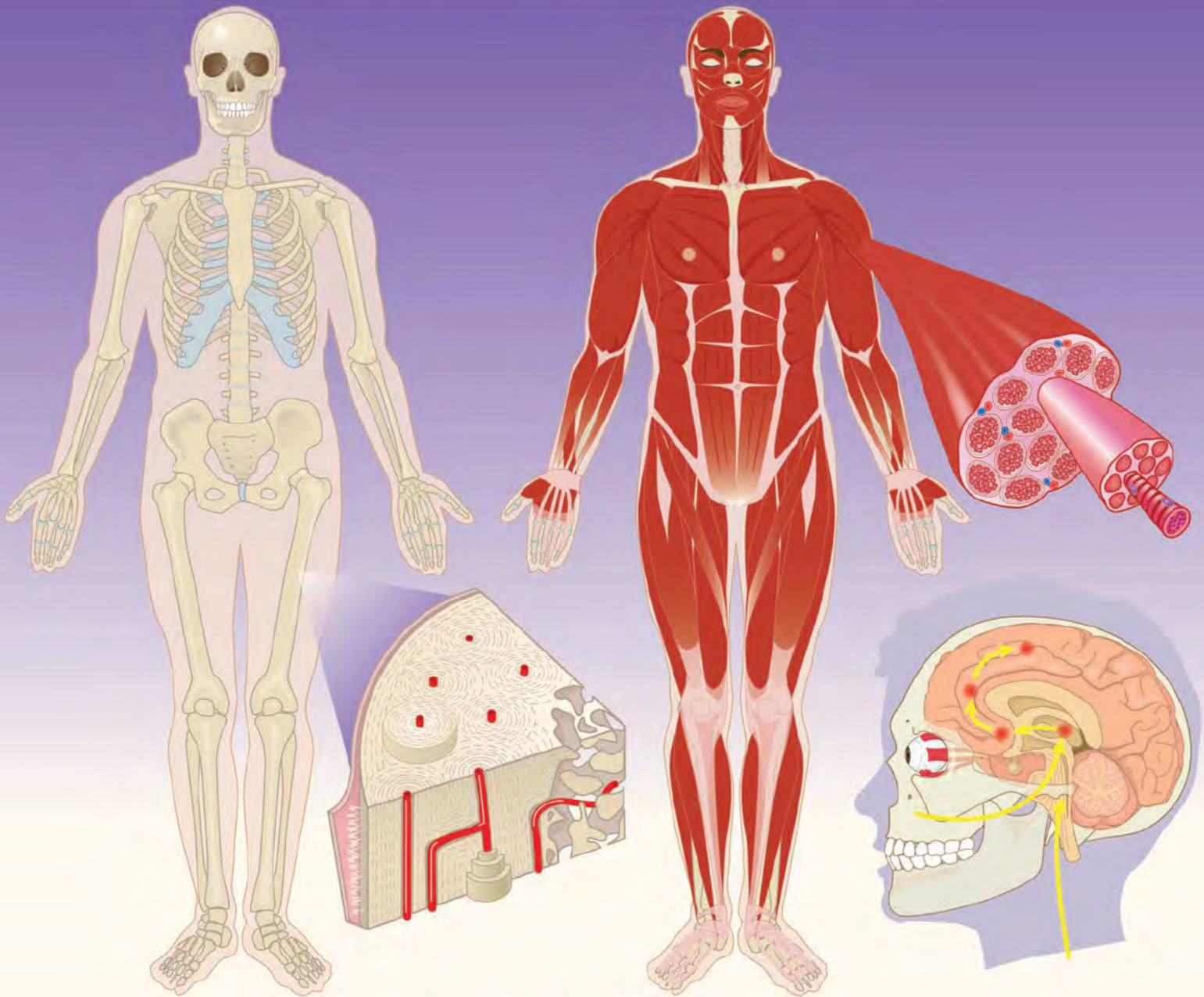


# HUMAN BODY I: Moving & Controlling the Body

## *Learning Guide*



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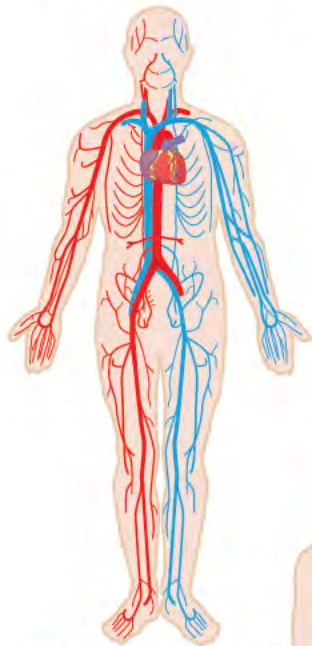
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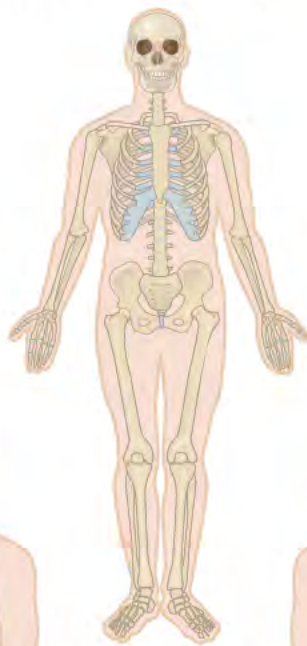
# BODY ORGANIZATION

## Levels of Organization – Organ Systems

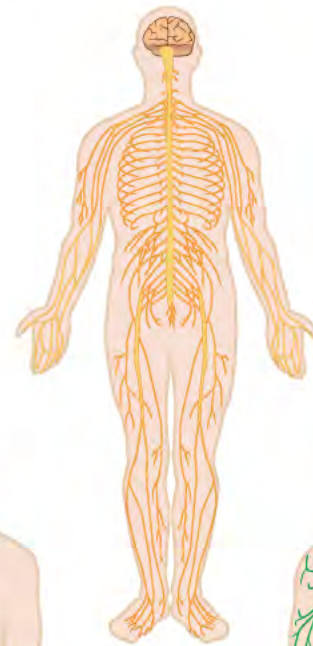
The human body is a collection of interacting **organ** systems. Some of those systems are the **cardiovascular system**, the **digestive system** and the **nervous system**. These **organ** systems work together to sustain life in the human body.



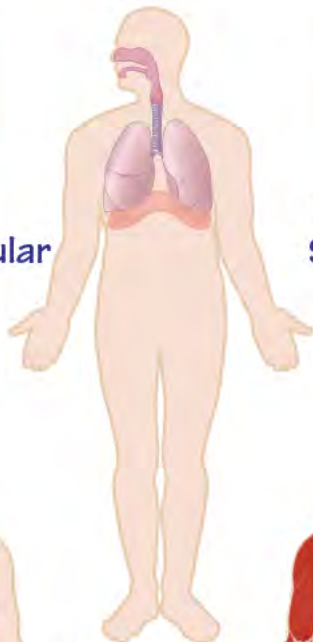
Cardiovascular



Skeletal



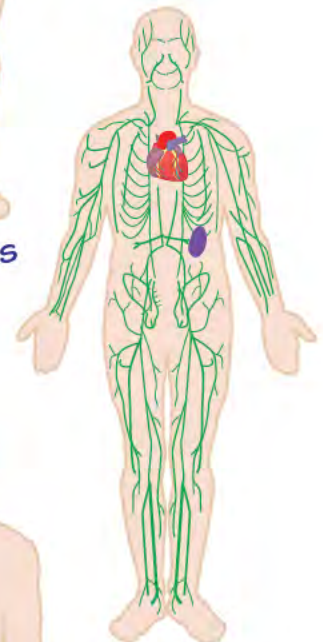
Nervous



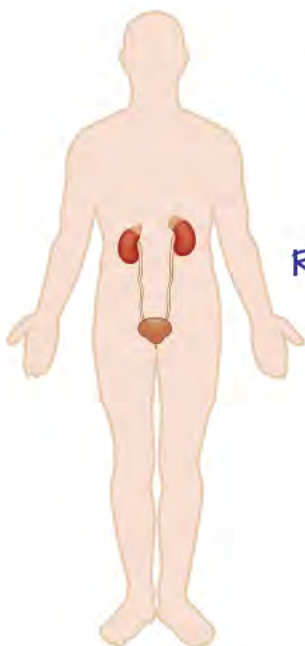
Respiratory



Digestive



Immune



Excretory



Muscular

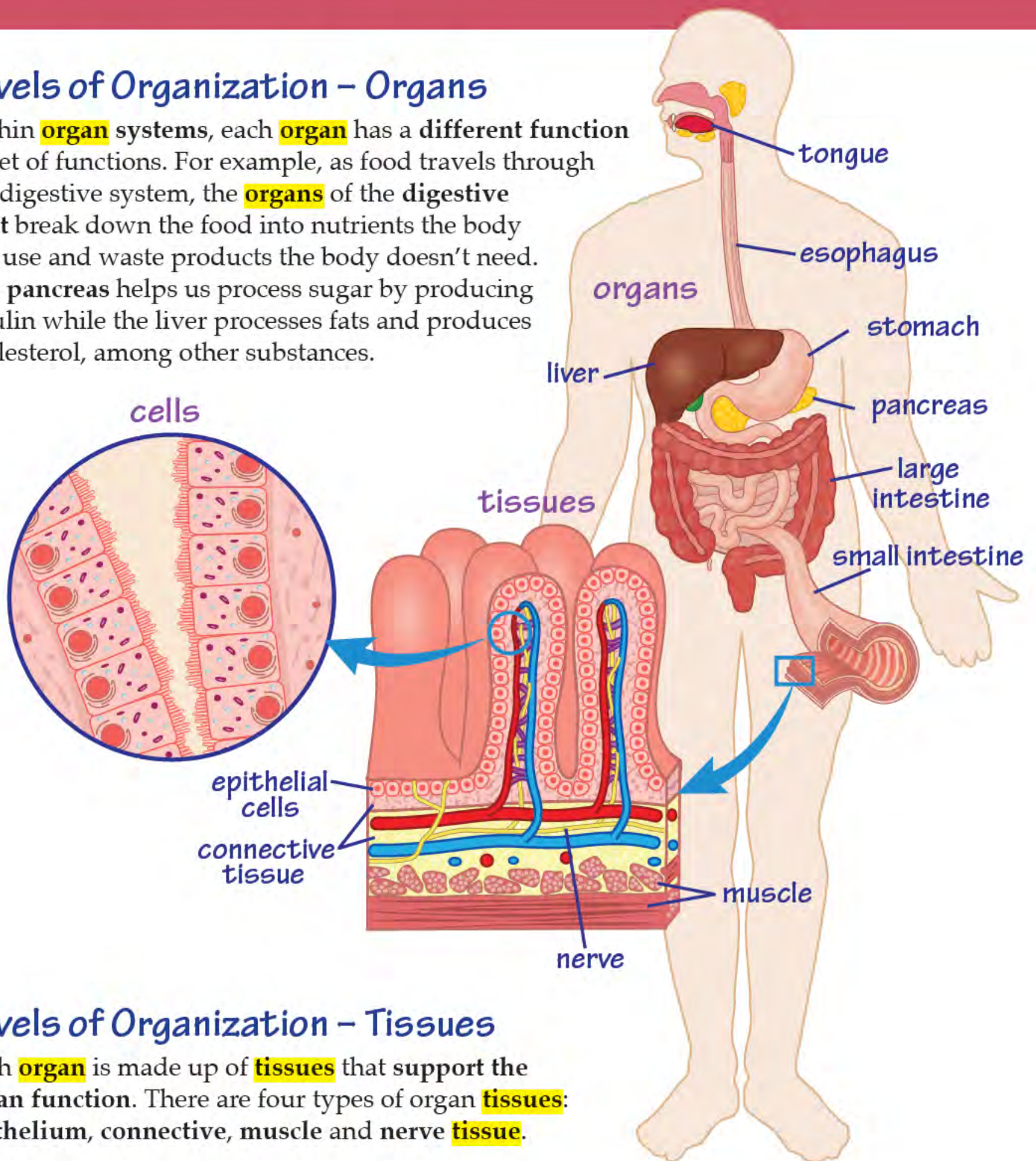


Reproductive/Endocrine



## Levels of Organization – Organs

Within **organ** systems, each **organ** has a **different function** or set of functions. For example, as food travels through the digestive system, the **organs** of the **digestive tract** break down the food into nutrients the body can use and waste products the body doesn't need. The **pancreas** helps us process sugar by producing insulin while the liver processes fats and produces cholesterol, among other substances.



## Levels of Organization – Tissues

Each **organ** is made up of **tissues** that support the organ function. There are four types of organ **tissues**: epithelium, connective, muscle and nerve **tissue**.

## Levels of Organization – Cells

**Tissues** are collections of cells of different types that interact to support the function of the **tissues**, **organs** and overall **organ** system.