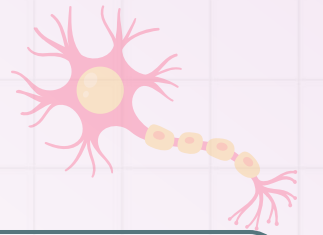


Human Physiology

- **Digestion** converts complex food into simple absorbable substances.
- The steps of digestion are **ingestion, digestion, absorption, assimilation and egestion**.
- **Amylase** is the first enzyme to mix with food in the digestive tract.
- **Pancreas** secretes lipase, amylase and protease.
- **Excretion** removes metabolic wastes from the body.
- Humans are **ureotelic** because they mainly excrete **urea**.
- **Kidney, ureter, urinary bladder and urethra** form the human excretory system.
- **Nephron** is the functional unit of the **kidney**.
- **Bowman's capsule** is responsible for filtration of blood.
- **Neuron** is the structural and functional unit of the nervous system.
- **Synapse** is the gap between two neurons.
- **Pons** helps in regulating breathing.
- **Spinal cord** is the centre of **spinal reflex action**.
- **Endocrine glands** release hormones directly into blood or lymph.
- **Thomas Addison** is known as the **Father of Endocrinology**.
- **E.H. Starling** coined the term **hormone**.






- **Secretin** was the first hormone extracted by Bayliss and Starling.
- **Pituitary gland** is called the master gland.
- **Osteology** is the study of bones.
- Adult humans have **206 bones**.
- Newborn babies have about **300 bones**.




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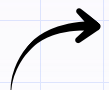
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