

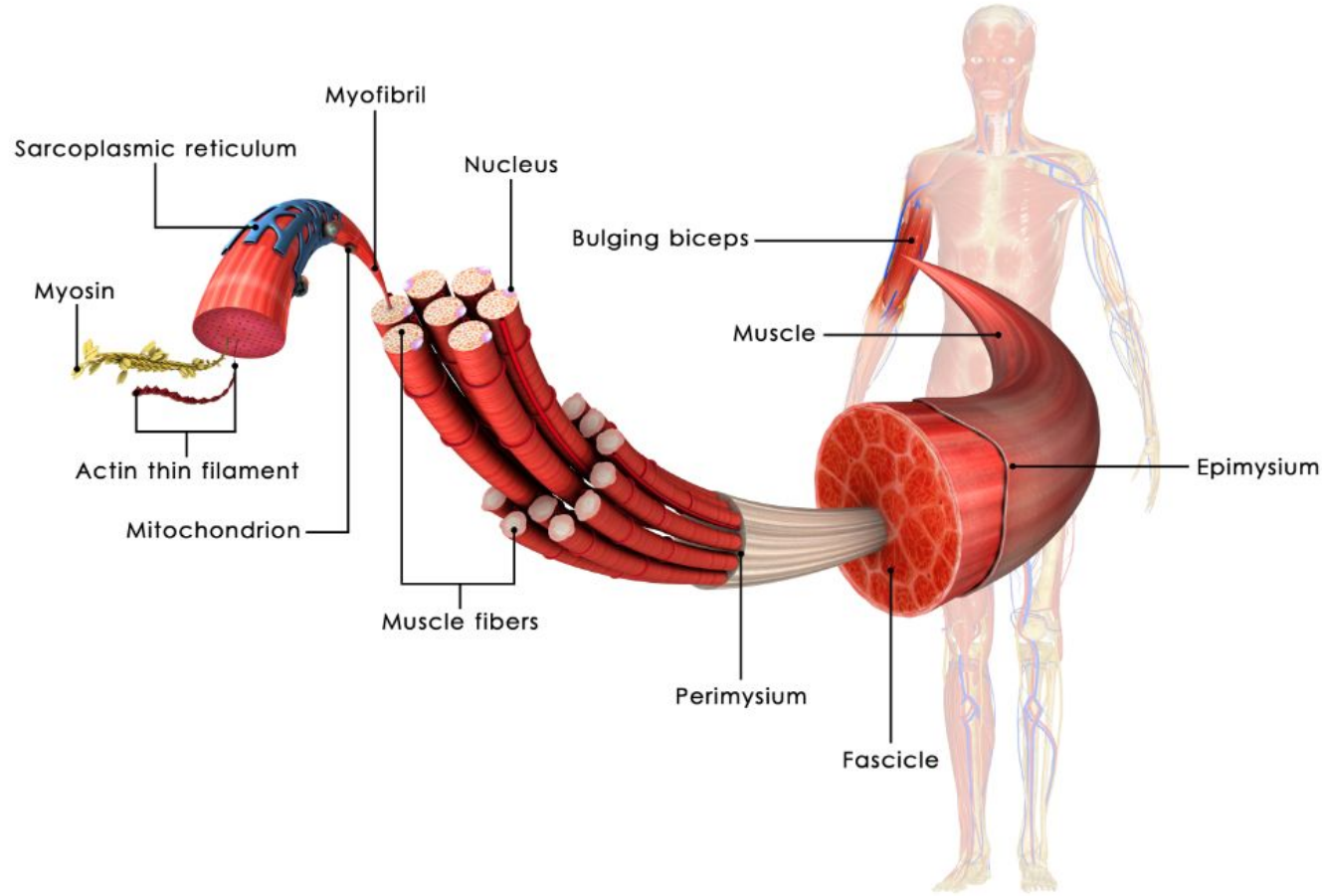
Muscles

You will:

- learn different types of muscles

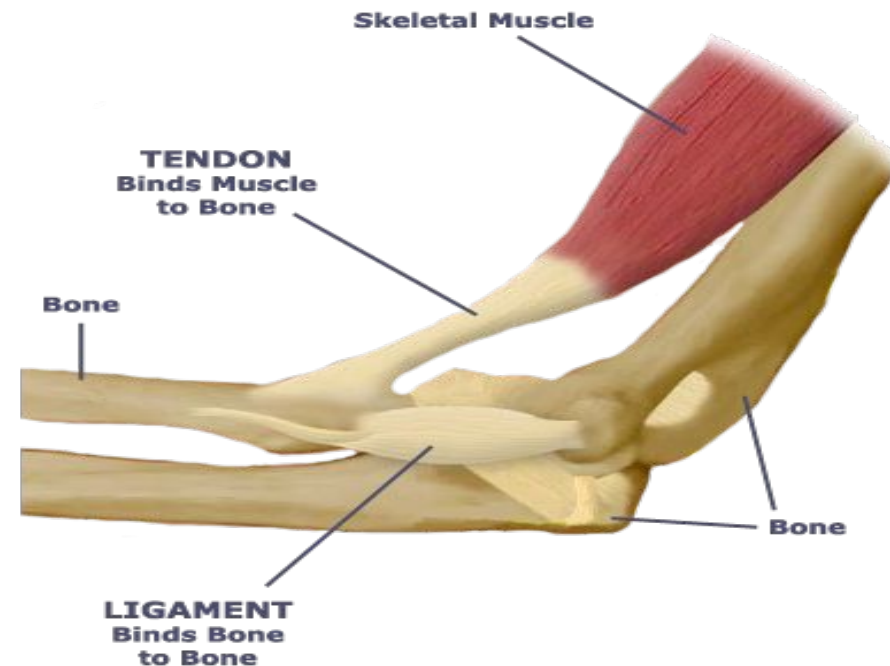
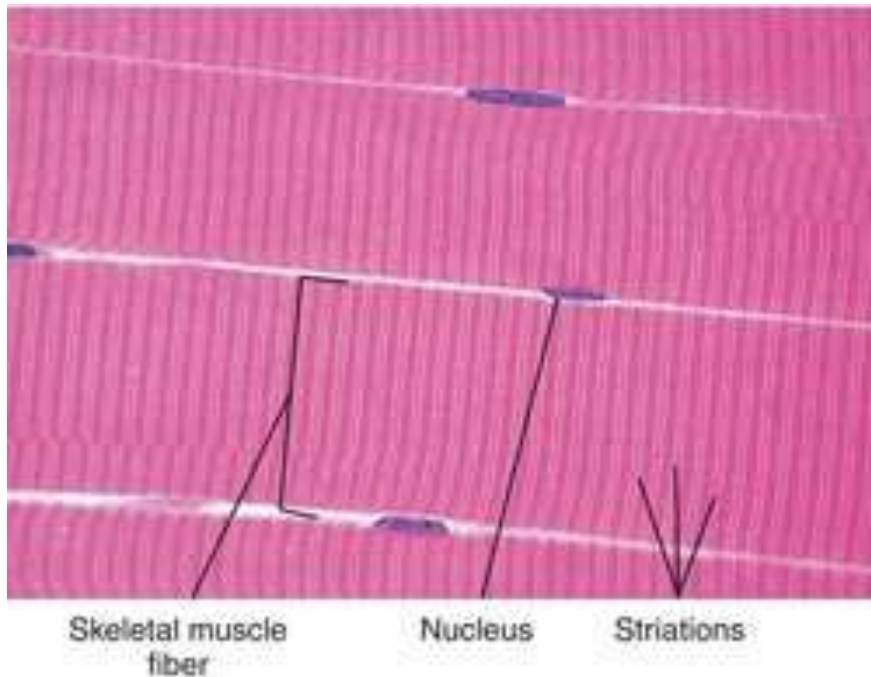
Muscles

- **Muscles** are part of the locomotion system. Their main function is movement.
- Muscles consist of cells called **myocytes**, or muscle fibers. They are long fibers. Myocytes combine and make **muscular tissue**.



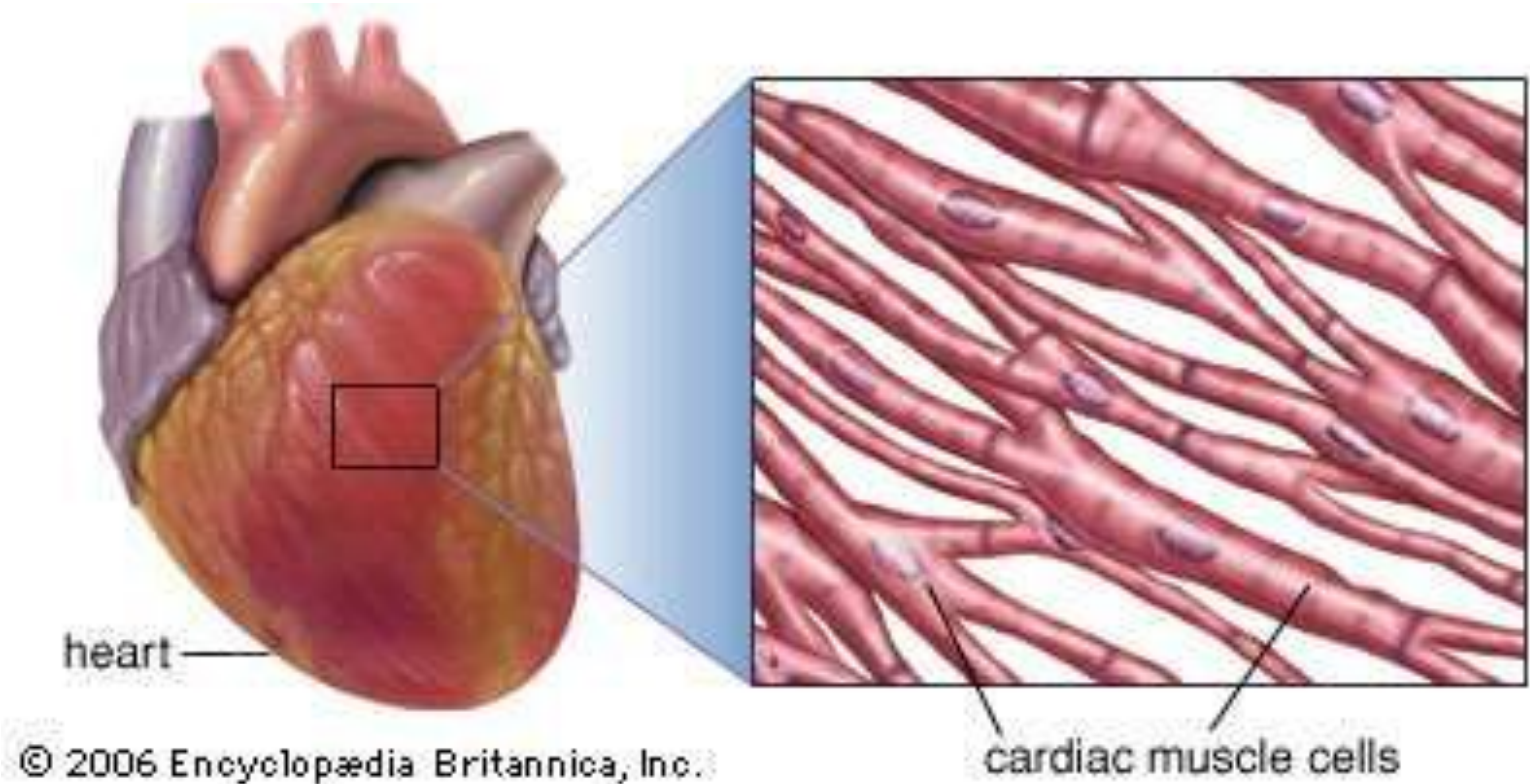
Types of muscles

- **Skeletal muscles** are muscles by which we move. We can control them.
- For example, muscles of legs, hands or head.
- Skeletal muscles consist of muscle fibers bound together. Muscle fibers of skeletal muscles are **striated**. Connective tissue covers the muscle. Muscle binds to bone by tendon.



Types of muscles

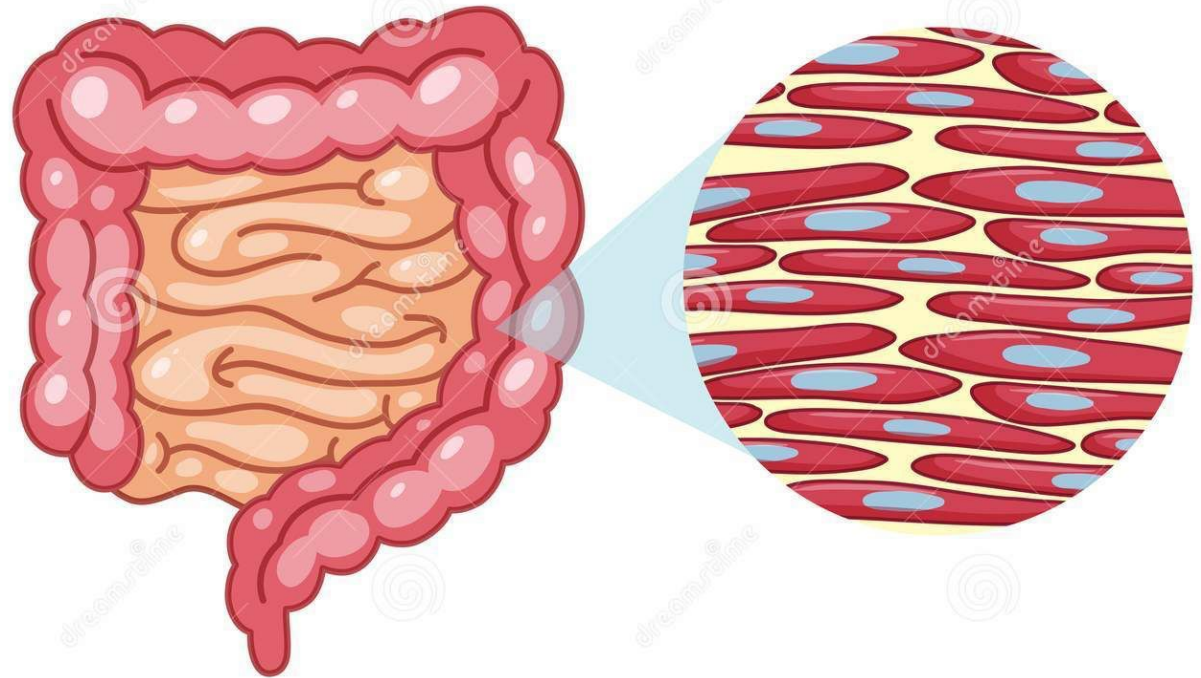
- **Cardiac muscle** is a muscle of our heart. We cannot control cardiac muscles. It can move fast and do not stop.
- Cardiac muscles are also striated. But muscle fibers of cardiac muscle are closely connected to each other. Sometimes they fuse.



Types of muscles

- **Smooth muscles** are muscles in our interior organs, such as stomach, vessels and etc.
- We cannot control them. They move independently.
- Smooth muscles are not striated. They move slowly.

Smooth Muscle Tissue



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