**Lab:5**

**Muscle tissue**

Classification of Muscle tissues

* + 1. **Skeletal muscle**
       1. Striated and voluntary
       2. Found mostly attached to the skeleton

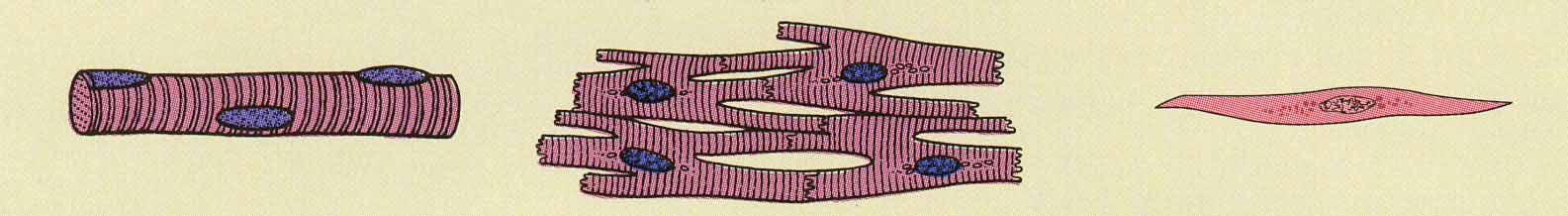
3)Nuclei are peripherally located

* + 1. **Cardiac muscle**
       1. Striated and involuntary
       2. Composes the majority of the heart wall (myocardium)

3) one central nucleus

* + 1. **Smooth muscle**
       1. Nonstriated and involuntary
       2. Found mostly in the walls of hollow organs and vessels

3)one central nucleus



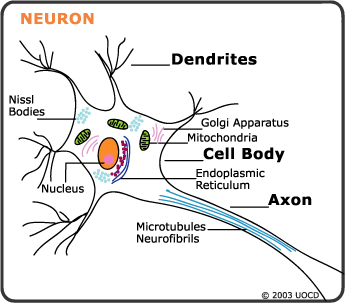
Skeletal muscle Cardiac muscle Smooth muscle

**Nervous tissue**

Is a tissue that are specialized for receiving different types of stimuli.

Neuron Consists of:

* **Cell Body** : contains nucleus, mitochondria,nissl bodies
* **Dendrites**: highly branched extensions of the cell body. Conduct impulses towards the cell body
* **Axon**: a single long process. Conducts impulses away from the cell body.



Structural of Neurons:

1. **multipolar neurons**: more than two processes one is the axon and the rest are denderites

2. **bipolar neurons**: have two processes one is axon and other one is denderites

3. **pseudounipolar neurons** : have a single process close to the perikaryon.

