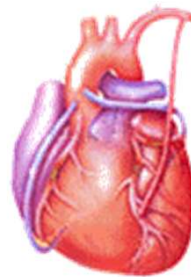
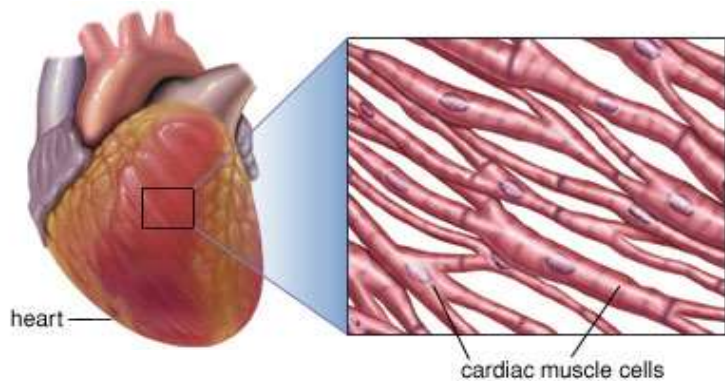
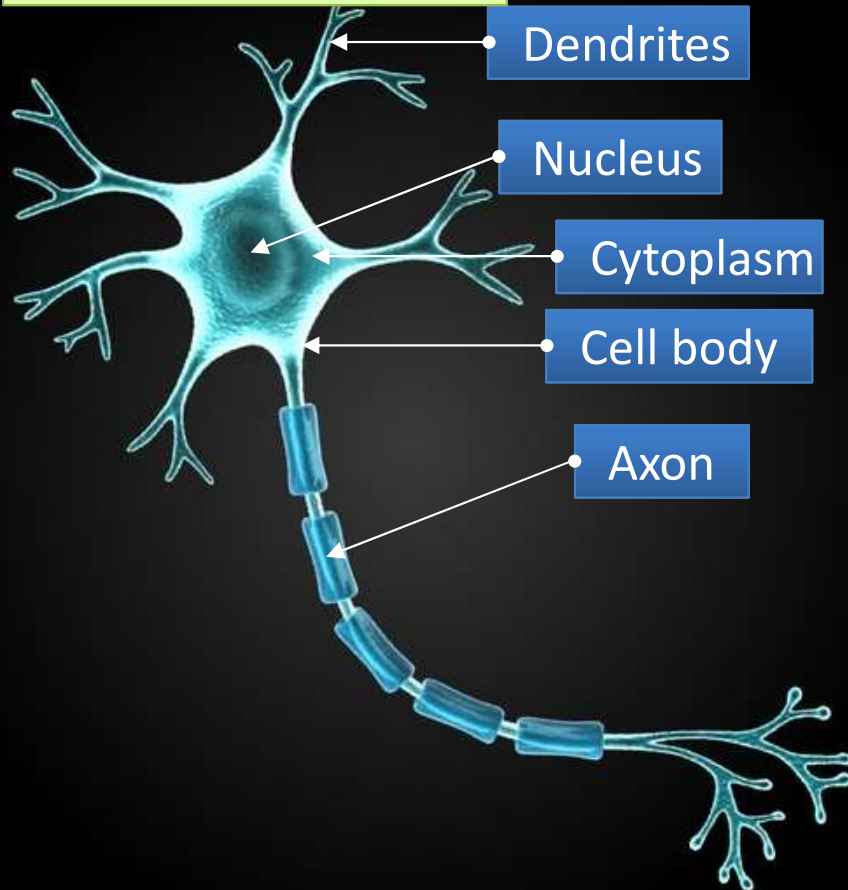


- ◆ One more type of involuntary muscle is found in the walls of the heart.
- ◆ They are called cardiac muscles.
- ◆ Heart muscle cells are cylindrical, branched and uninucleate.
- ◆ The muscles of the heart shows rhythmic contraction and relaxation through out the life.



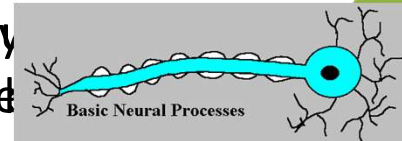
## Nervous tissue :



- Neurons are highly specialized for passing signals through the tissue.

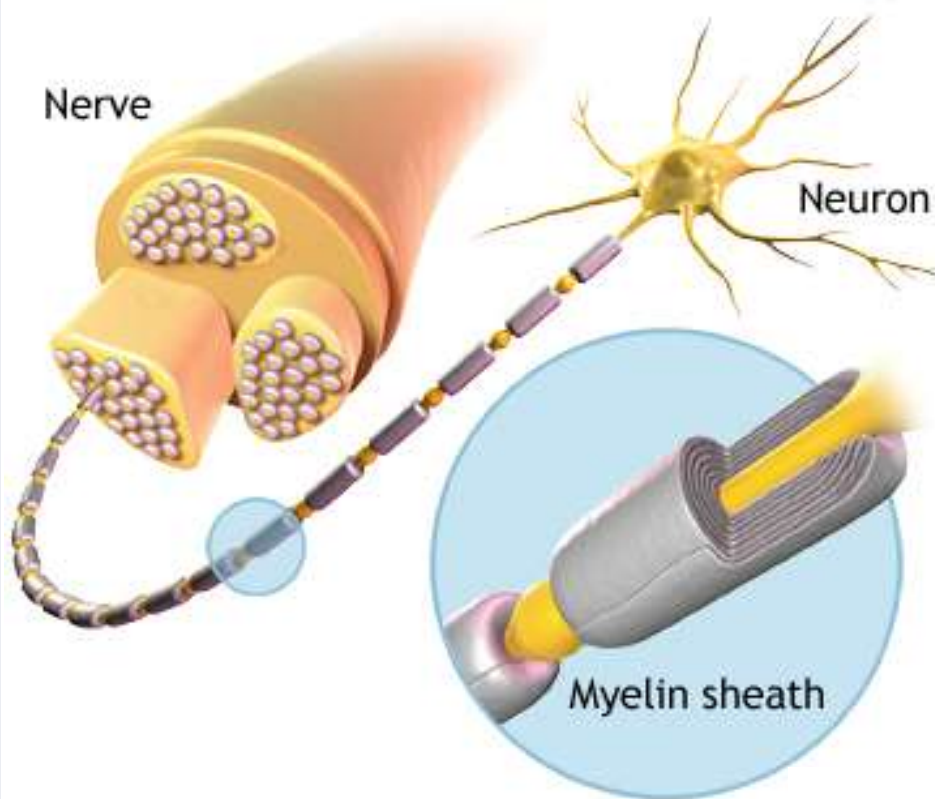
Excited neurons have very rapidly changing electrical potentials.

- Many neurons are capable of sending signals over long distances.



Signal transmission with a myelin sheath.

## Nervous tissue :



- ◆ Many nerve fibres bound together by connective tissue make a nerve.
- ◆ Nerve impulse allow us to move our muscles according to our wish.
- ◆ The combination of nerve and muscle tissue enables animal to move rapidly in response to stimuli.