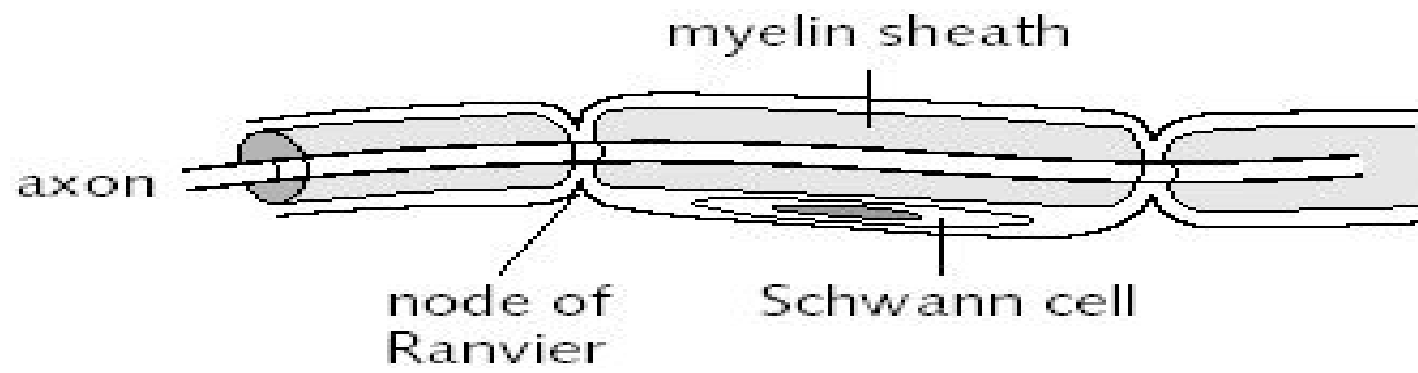
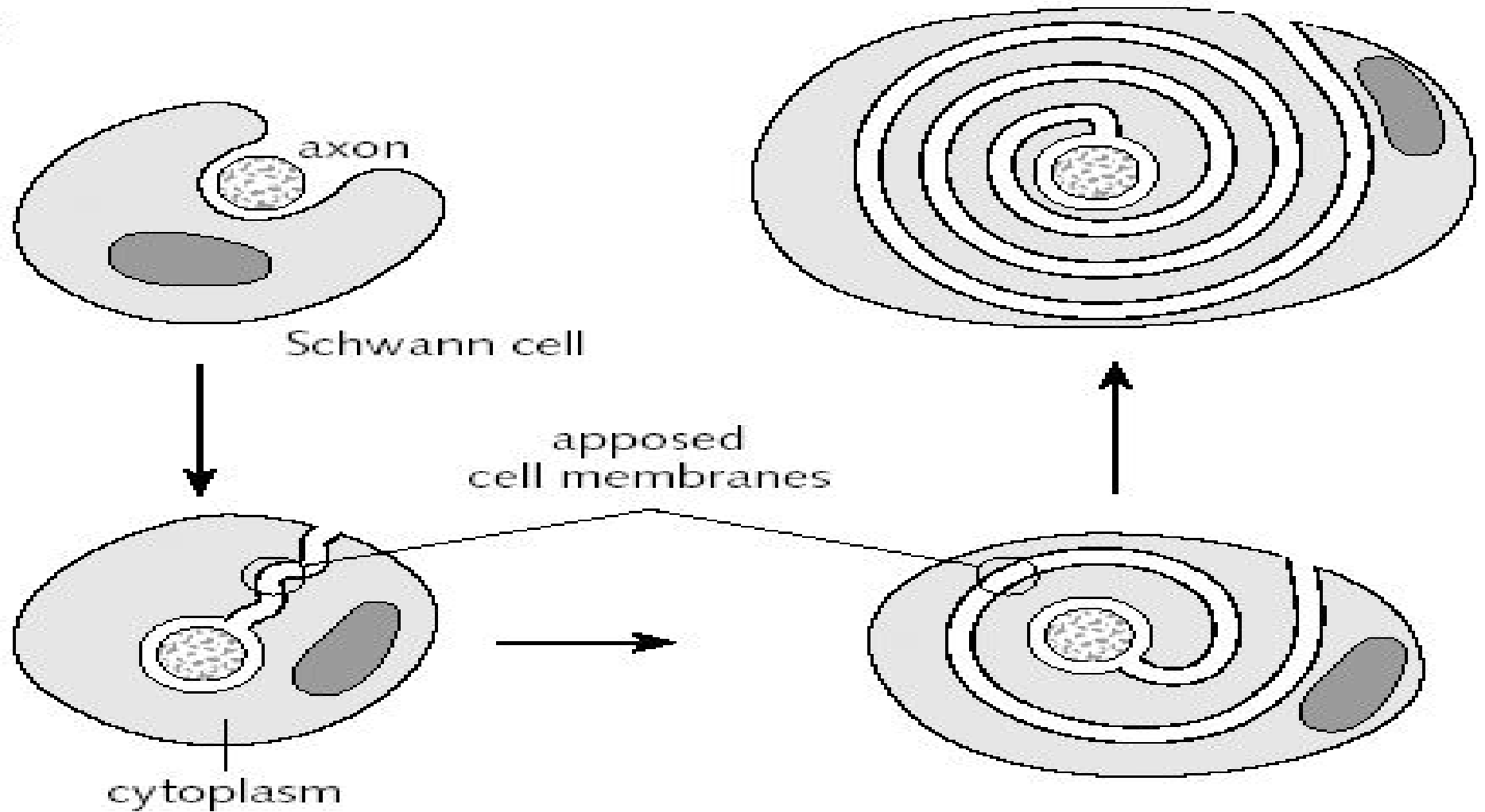


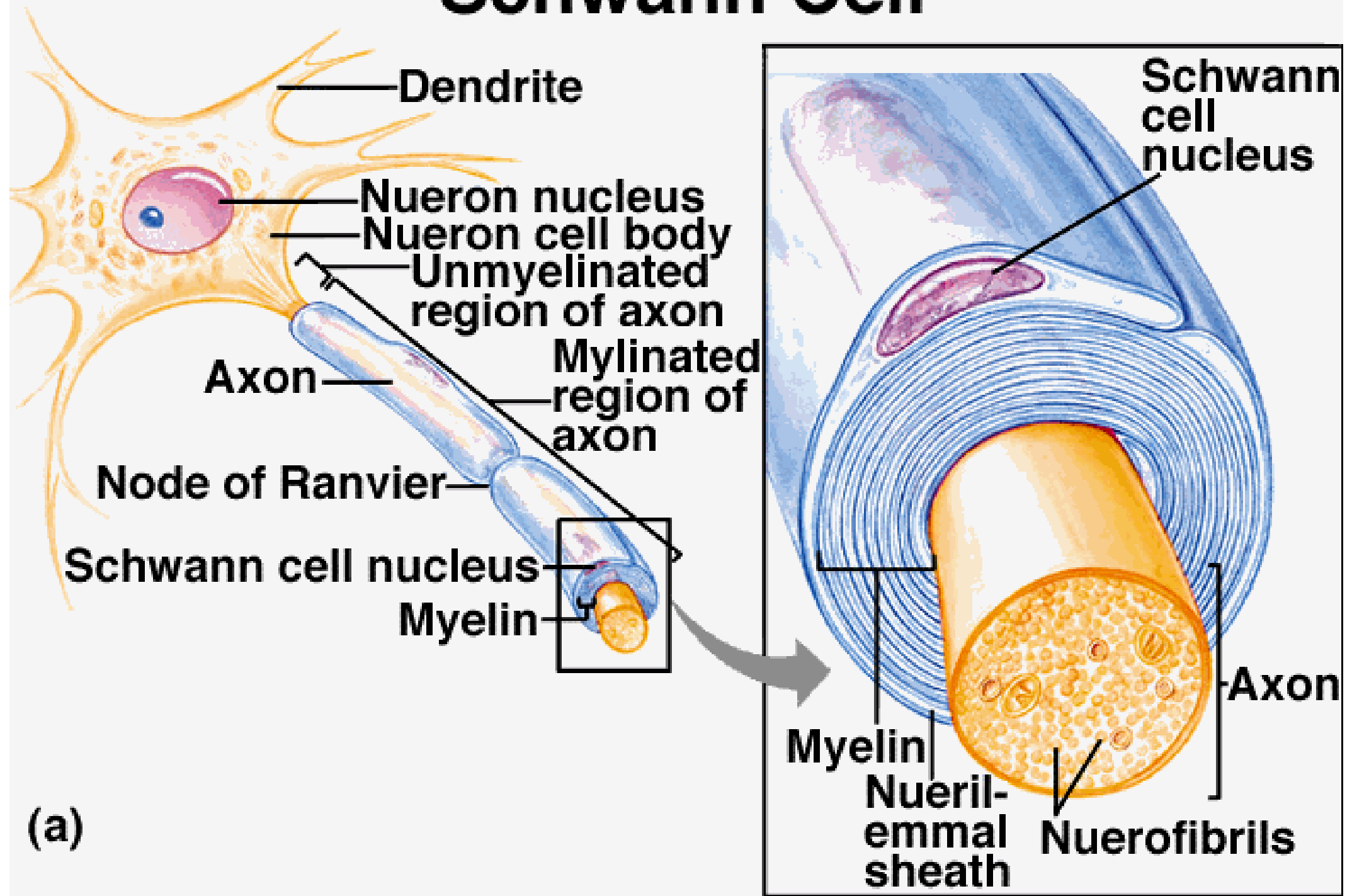
(a)



(b)

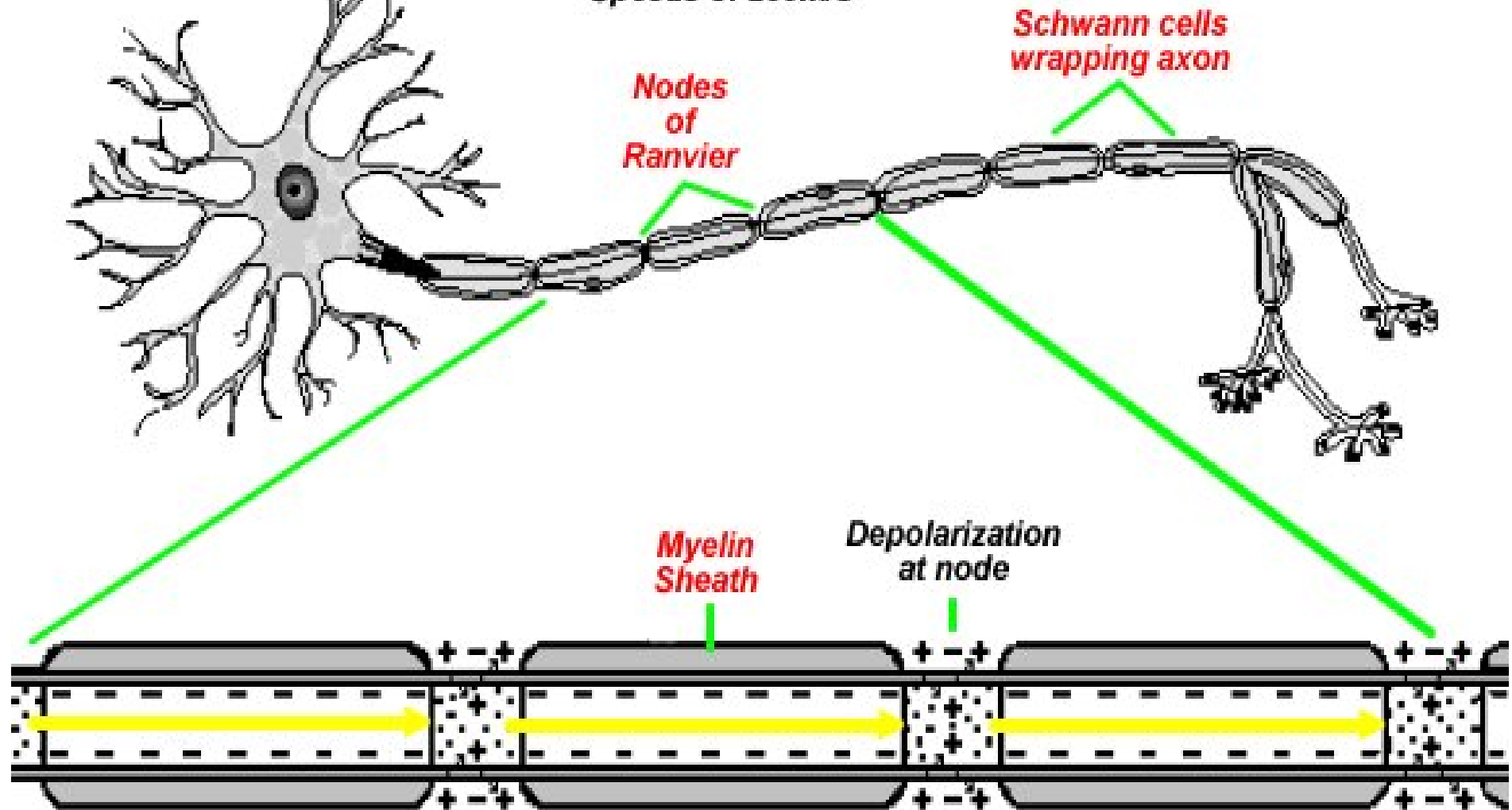


# Schwann Cell



# Saltatory Conduction

Speeds of 200m/s



*Saltatory conduction occurs in myelinated nerves  
The impulse jumps from node to node where depolarization takes place*

# Schwann Cells

- Rotates around the axon forming a “swiss roll” structure consisting of overlapping layers of cell membranes.
- The lipid-protein mixture of these membranes is called myelin, and is an efficient insulator.
- The myelin sheath is not continuous but interrupted at intervals of about 1mm by nodes of ranvier where the axon is uncovered.