

N6 - Neuron



A. Perikaryon of the nerve cell with dendrites

B. Peripheral nerve with sheaths

1. axon hillock
2. nucleus of nerve cell with nucleolus
3. smooth endoplasmatic reticulum
4. chromatophilic bodies (the red dots-these are the ribosomes, both free and bound to the rough endoplasmic reticulum)
5. synaptic terminals
6. axon
7. nucleus of schwann cell (schwann cell = neurolemmocyte)
8. Neurilemma
9. node of Ranvier
10. mitochondria
11. myelin sheath
12. endoneurium
13. axon
14. dendrites
15. lysosomes
16. neurotubules
17. Golgi apparatus (Golgi body)