

1Name KEY

1 fix with osmium tetroxide

1 cut frozen sections

2 collagen fibers

2 mitochondria, secretory granules

3 provide specific attachment to

3 primary Ab, ↑ signal/noise ration

4 tube, disk

4

5 contamination with water

5

6 TEM of xs of cilia

6

7 TEM of xs of microvilli

7

8A MV

8B Tight junction

9A simple cuboidal

9B tangential

10A Chon: mitosis, no processes, no nrv bl vs

10 Ost: no mito, processes, nerves & bl vs

11B Both in lacunae, solid gr substance,

11 secrete collagen, dev from mesenchyme

12 resp sys: trachea, bronchi, nose

12 skeletal sys: costal cart, synov jt, dev bon

13 depression on bone surface caused by

13 secretion of osteoclast

14 vacuum needed for path of electrons,

14 cells cannot survive vacuum

15-16 Draw on the back

17A oligodendrocyte

17B node of Ranvier

18A myelin

18B either

19 No - MV aid in absorption, while goblet

19 cell fxn is to secrete

20A peripheral nerve

20B Schwann cell nucleus

21 muscle of mastication

21

22 cardiac: constant diameter/sm mus varies

22 both have central nuclei

23 desmosomes hold card mus fibers togeth

23 gap jxn allow AP to spread

24A I

24B release Ca⁺⁺

25A T-tubule

25B Z line