

Ex2Name \_\_\_\_\_ Key \_\_\_\_\_

1 Osmium fixes fats, formaldehyde doesn't

2 fibroblasts produce a collagen precursor that polymerizes outside the cell

3 both secrete histamine and other inflammation-promoting substances in the allergic rxn

4 fat stores lipids=9 kcal/g while liver stores CHO = 4 kcal/g

5 collagen

6 both are multinucleated

7 freeze-fracture view shows inner surface of one of two phospholipid bilayers

8 circular

9 retina, olfactory epithelium, (inner ear)

10 neurons live long and accumulate lipofuscin granules but keratinocyte turnover too fast to accumulate them

11 immunohistochemistry

12 myofibril

13 one nucleotide change/mutation

14 specific granules/antibacterial secretion

15 no, its nucleus is lobulated

16 (basophil) functions in allergic reaction

17 plasma cell has more cytoplasm, synthesizes protein, more disperse DNA; B cell is less active

18 sinusoidal capillary has fenestrations, spaces between endothelial cells, closed cap is not leaky

19 veins carry blood under less pressure

20 migration of blood cells out of blood vessels, between endothelial cells

21 spleen & liver

22 circular

23 mature T cells enter blood stream

24 less exposure to antigens in extremities than in visceral organs

- 25 inner cortex
- 26 lymph nodules/follicles
- 27 lymphatics: carry lymph; veins: carry blood
- 28 enamel is 95% Ca salts so it is dissolved away
- 29 adventitia
- 30 secrete HCl
- 31 secrete hormones, control parietal and chief cells
- 32 microvilli
- 33 they can differentiate into absorptive, goblet, paneth, or enteroendocrine cells
- 34 finger shaped fat storage area surrounded by visceral peritoneum on colon
- 35 appendix less than 1" in diameter; large intestine much larger
- 36 [1] structures in sml intestine not in lrg intestine: villi, plicae circulares
- 37 parotid [all serous]
- 38 basal infoldings and mitochondria
- 39 eosinophilic zymogen granules, basophilic rER and nucleus
- 40 PM of hepatocytes
- 41 cilia are needed to transport mucus away from alveoli
- 42 to maintain opening for air passages
- 43 oxygenated
- 44 vocal cords
- 45 controls air flow through trachea
- 46 no rER, nucleus
- 47 dermal papillae
- 48 produce melanin and transport to keratinocytes
- 49 secretion consists of cell products and cell fragments
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