

BMD 415 Lab Exam 2 10/28/03

1. Identify the structure. Arrector pili muscle. 67 scalp
2. This structure is attached at its deep end to _____. Hair follicle
3. Identify the passageway above the pointer. Term/resp bronchiole 64 rat lung
4. Identify the passageway below the pointer. Term/resp bronchiole
5. Identify the space to the right. Space of Disse. 55 liver
6. Identify the space to the left. Sinusoid
7. Identify the structure. Striated duct. 54 rat salivary gland
8. What integral proteins are in the plasma membrane of these cells? Na-K ATPase
9. Identify the vessel. Lacteal/capillary. 49 rat small intestine
10. This vessel runs through the middle of a _____. Villus

You may move the slide and change the objectives.

11. Identify the organ. Esophagus 43 human
12. Describe the level of the cut and explain your answer. Middle 1/3, mixed skeletal and smooth muscle.
13. Identify the cells. Odonotoblasts. 39 tooth
14. What do these cells secrete? Dentin

You may move the slide and change the objectives.

15. Identify the organ. Spleen 35 rat
16. Identify the stain(s). silver, H&E
17. Identify the cell. WBC- 31 blood smear
18. Describe the cell's function.
19. Identify the vessel. Large vein. 87 vas deferens
20. Is there an internal elastic membrane? No
21. Identify the granules. Lipofuscin granules 28 heart
22. Identify the organ. Heart
23. Identify the structure. Pacinian corpuscle. 13 skin
24. Describe the function of the structure. Pressure receptor.
25. Identify the gland. Seromucous gland. 62 larynx
26. Identify the surface epithelium. PSCC
27. Identify the epithelium. Simple cuboidal. 58 human pancreas (duct)
28. Identify the organ. Pancreas

You may move the slide and change the objectives.

29. Identify the organ. Appendix 52
30. What structural specializations are located in the submucosa? Lymph nodules.
31. What is the secretion of the acidophilic cell? HCl 46/47 stomach

32. What is the secretion of the basophilic cell? Pepsinogen
33. Identify the structure. Taste bud 41. tongue
34. Describe the surface epithelium. Stratified squamous
35. Identify the fibers. Skeletal muscle 40 tongue
36. Identify the organ. Tongue
37. Identify the lighter-staining area. Medulla 37 thymus
38. Is this from a young or old specimen? Young
39. Identify the cell. Sickled rbc 32 blood smear
40. What molecule changes the shape of this cell? HbS
41. Identify the vessel. Central artery. 34 spleen
42. What cells surround the vessel? T lymphocytes
43. Identify the vessel on the left. Medium artery 42. lip
44. Identify the vessel on the right. Medium vein
45. Identify the basophilic cells. Myenteric plexus. 45 stomach
46. What do these cells secrete? Ach
47. Identify the cell. Type 2 alveolar cell. 63 lung
48. What does this cell secrete? Surfactant
49. Identify the cluster of cells. Epiploic appendage. 51 large intestine
50. Name the surface epithelium (be specific). Mesocolon

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10. This vessel runs through the middle of a ____.

You may move the slide and change the objectives.

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19. Identify the vessel.
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24. Describe the function of the structure.

25. Identify the gland.
26. Identify the surface epithelium.

27. Identify the epithelium.
28. Identify the organ.

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30. What structural specializations are located in the submucosa?

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34. Describe the surface epithelium.

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41. Identify the vessel.
42. What cells surround the vessel?

43. Identify the vessel on the left.
44. Identify the vessel on the right.

45. Identify the basophilic cells.
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47. Identify the cell.
48. What does this cell secrete?

49. Identify the cluster of cells.
50. Name the surface epithelium (be specific).