

BMD 415 Fall 2002 Lab Exam 2
October 24, 2002

You may move the slide and change the objective.

1. Identify the organ. 4 external ear
2. Identify the tissue providing support and shape for the organ. Elastic cartilage

3. Identify the cell. 31 blood, monocyte
4. Describe the cell's function. Macrophage

5. Identify the space. 33 lymph node, subcapsular sinus
6. What fluid flows through this space? Lymph

7. Identify the structure. 54 salivary gland, striated duct
8. Identify the organ. Salivary gland

9. Identify the fine, dark lines. 6 ground bone, canaliculi
10. Name the structure that occupies the dark lines in life. Osteocyte processes

11. Identify the cell. 14 Golgi stain, pyramidal cell
12. Name the staining technique. Golgi technique

13. Identify the granules. 28 cardiac muscle, lipofuscin granules
14. Identify the tissue. Cardiac muscle

15. Classify the vessel. 87 vas deferens, large vein
16. Give one reason for your identification. Longitudinal muscles in adventitia

17. Identify the granules. 58 pancreas, zymogen granules
18. Identify the organ. Pancreas

19. Identify the vessel. 63 lung, capillary
20. Describe the function of this vessel. Respiration

21. Identify the (large) structure. 66 thick skin,
22. Describe the function of this structure. Pressure receptor

You may move the slide and change the objective.

23. Identify the organ. 60 trachea
24. Identify the tissue providing structural support for this organ. Hyaline cartilage

You may move the slide and change the objective.

25. Identify the organ. 49 small intestine
26. Describe the outer layer of this organ.

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27. Identify the organ. 38 tonsil
28. Describe the function of this organ. Produce B lymphocytes

29. Identify the cell. Be specific. 32 HbS, sickled rbc
30. Low levels of ___ trigger this condition. Oxygen

31. Classify the vessel on the right. 71 bladder, artery
32. Classify the vessel on the left. Vein

33. Identify the layer to the right. 39 tooth, dentin
34. Identify the cells to the left. Odontoblasts

35. Identify the vessel. 55 liver, liver sinusoid
36. Is the flow in the vessel to the right or left?

37. Identify the epithelium to the left. 62 larynx, PSCC
38. Identify the glands to the right. Seromucous

39. Identify the structure to the right. 66 thick skin, sweat gland
40. Identify the structure to the left. Sweat duct

You may move the slide and change the objective.

41. Identify the organ. 43 esophagus
42. Describe the level of this specimen within the organ. Middle 1/3

43. Identify the vessel. 34 spleen, trabecular artery
44. This vessels branches to form a ____. Central artery

45. Identify the passageway above the pointer. 64 lung, terminal bronchiole
46. Identify the passageway below the pointer. Respiratory bronchiole

47. Identify the cell. 31 blood, basophil
48. Name the cell whose secretion will counteract the effects of this cell? Eosinophil

49. Identify the round structure. 36 thymus, Hassall's corpuscle
50. Identify the organ. thymus

You may move the slide and change the objective.

1. Identify the organ.
2. Identify the tissue providing support and shape for the organ.
3. Identify the cell.
4. Describe the cell's function.
5. Identify the space.
6. What fluid flows through this space?
7. Identify the structure.
8. Identify the organ.
9. Identify the fine, dark lines.
10. Name the structure that occupies the dark lines in life.
11. Identify the cell.

12. Name the staining technique.

13. Identify the granules.

14. Identify the tissue.

15. Classify the vessel.

16. Give one reason for your identification.

17. Identify the granules.

18. Identify the organ.

19. Identify the vessel.

20. Describe the function of this vessel.

21. Identify the (large) structure.

22. Describe the function of this structure.

You may move the slide and change the objective.

23. Identify the organ.

24. Identify the tissue providing structural support for this organ.

You may move the slide and change the objective.

25. Identify the organ.

26. Describe the outer layer of this organ.

You may move the slide and change the objective.

27. Identify the organ.

28. Describe the function of this organ.

29. Identify the cell. Be specific.

30. Low levels of ____ trigger this condition.

31. Classify the vessel on the right.

32. Classify the vessel on the left.

33. Identify the layer to the right.

34. Identify the cells to the left.

35. Identify the vessel.

36. Is the flow in the vessel to the right or left?

37. Identify the epithelium to the left.

38. Identify the glands to the right.

39. Identify the structure to the right.

40. Identify the structure to the left.

You may move the slide and change the objective.

41. Identify the organ.

42. Describe the level of this specimen within the organ.

43. Identify the vessel.

44. This vessels branches to form a ____.

45. Identify the passageway above the pointer.

46. Identify the passageway below the pointer.

47. Identify the cell.

48. Name the cell whose secretion will counteract the effects of this cell?

49. Identify the round structure.

50. Identify the organ.