

General A & P

STUDY GUIDE FOR LAB PRACTICALS

INSTRUCTOR: CJ SHUSTER

THIS IS A REVIEW.....NOT A CONTRACT!!! My only guarantee is that this will cover 90-95% of the items seen on the lab practicals.

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| <p><u>Chapter 5 Tissues (histology):</u></p> <p>A. In general, know where each type is found, and generally what it does.</p> <p>Know the slides from the images in lab book, although this will not be as important as knowing the function and location.</p> <p>For each type, know general category and specific type.</p> <p>B. GENERAL TERMS:</p> <p>1. EPITHELIAL TISSUE:</p> <p>Epithelial Epithelium Basement membrane Simple epithelium Stratified epithelium Squamosal Cuboidal Columnar Goblet cell Ciliated pseudostratified epithelium Nucleus Free surface/Apical Lumen Gland/glandular epithelium</p> <p>2. CONNECTIVE TISSUE:</p> <p>Adipocyte Adipose Areolar Fibrocytes Fibers Bone/osseous tissue Compact bone Osteocytes in lacunae Cartilage Hyaline ONLY! Matrix/collagen fibers/chondrocytes in lacunae Chondrocytes</p> | <p>Dense connective tissue Dense regular/collagenous/white/fibrous Fibrocytes Lacunae Matrix Nucleus Osteocytes</p> <p>3. MUSCULAR TISSUE:</p> <p>Cardiac Intercalated disks Skeletal Smooth (you do not have to know smooth from photograph or slide) Striations</p> <p>4. NEURAL TISSUE:</p> <p>Cell body Processes (dendrite + axon) Nucleus Nuclei of supporting cell</p> <p>C. Also know:</p> <p>-Do make the "Concept Map" at the end of the chapter (here's an example):</p> <p>Are they packed cells? Yes: Epithelial if lines a lumen, or Muscle if it is striated. Is it striated? If so, does it have intercalated disks? If not striated, single layer or more than 1 layer? Cell shape? (3 main types)</p> <p>No: Is it dispersed cells in a matrix? If so, it is Connective. Loose or dense? If loose, is it areolar or adipose? If dense, is it Bone? Cartilage? If not, it is Dense regular.</p> |
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Guide for Histology Labs

This is a guide for what the student should learn off of the various models, dissections, etc. This is a guide only; it is not an exclusive list.

In general, know where each type is found, and generally what it does.

Know the slides from the images in lab book and microscope slides. Know the function and location of each.

For each type, know general category and specific type.

Models/Charts found in Regular Lab & Learning Lab

Histo List: see word list

Histo Wall Charts: see word list

Projector with histology carrousel: see word list. Use this as a testing tool.

Histology book: use this as a study guide.

Histology transparencies in red binder: use this as a study guide.