

HISTOLOGY LAB EXERCISE

Slides

EPITHELIAL TISSUE

Simple Squamous Epithelium

- Nucleus
- Cytoplasm
- Plasma Membrane

Simple Cuboidal Epithelium

- Apical Border
- Basement Membrane
- Nucleus
- Cytoplasm
- Plasma Membrane

Simple Columnar Epithelium

- Apical Border
- Basement membrane
- Nucleus
- Cytoplasm
- Plasma Membrane

Stratified Squamous Epithelium

- Natural Border
- Basement Membrane
- Nucleus
- Underlying Connective Tissue

CONNECTIVE TISSUE

Dense Regular CT

- Collagen fibers
- Nuclei of fibrobrasts

Areolar & Adipose

- Loose and dense CT layers
- Nuclei of fibroblasts
- Adipocytes

Hyaline Cartilage

- Chondrocytes in lacunae
- Chondroblasts
- Matrix

Bone

- Osteocytes in lacunae

MUSCLE TISSUE

Smooth Muscle

- Muscle fibers
- Nuclei

NERVOUS TISSUE

Neurons

- Cell body
- Nuclei

Neuroglia