Histology Lab Part II

Refer to textbook pages 101-105

Use color

1. Adipose Tissue – 400x

Label:

* 1. Fat Vacuoles
  2. Nucleus
  3. Cell Membrane

1. White Fibrous – 400x (Dense regular connective tissue) – Tendons/Ligaments

Label:

* 1. Fibroblast
  2. Collagenous fibers

1. Hyaline Cartilage – Oil (Articular cartilage/ Trachea/ Tip of nose)

Label:

* 1. Chondrocytes
  2. Lacunae
  3. Nucleus
  4. Extracellular matrix

1. Elastic Cartilage – Oil (Trachea/ Larynx)

Label:

* 1. Chondrocytes
  2. Nucleus
  3. Lacuna
  4. Elastic Fibers
  5. Extracellular matrix

1. Bone (Ground Bone) – 400x

Label:

* 1. Lamellae
  2. Osteocyte in lacuna
  3. Canaliculi
  4. Osteonic Canal ( Haversian or Central Canal)
  5. Osteon

1. Blood – Oil

Label:

* 1. Red Blood Cells
  2. White Blood Cells
  3. Plasma
  4. Platelet