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