Lab Ex. 38, 39 & 40 Blood & Blood Testing
Erythrocyte (RBC)

Note stacking for narrow passages
Leukocyte (WBC)

Have a nucleus
Fight disease
  Neutrophils
  Eosinophils
  Basophils
  Monocytes/Macrophage
  Lymphocyte
Granulocyte

- This is a cell that shows granules (spots) after staining
  - Neutrophils
  - Eosinophils
  - Basophils
Neutrophil
Eosinophil
Basophil
Agranulocyte

- This is a cell without granules
  - Monocytes / Macrophages
  - Lymphocytes
Monocyte (Macrophage)
Lymphocyte
Platelets
Hematocrit – Packed cell volume (PCV)
Differential White Blood Cell Count (DIFF)

- A test where the first 100 WBCs are categorized according to type.
- This number can then be compared to normal %s to determine type of illness.
Tallqvist hemoglobin test
Blood typing
Antigens

- These are on the cell

Type A

Type B

Type AB

Type O
**Agglutination**

- Clumping that occurs when antibodies join to antigens
ABO system
Next: Blood Vessels