

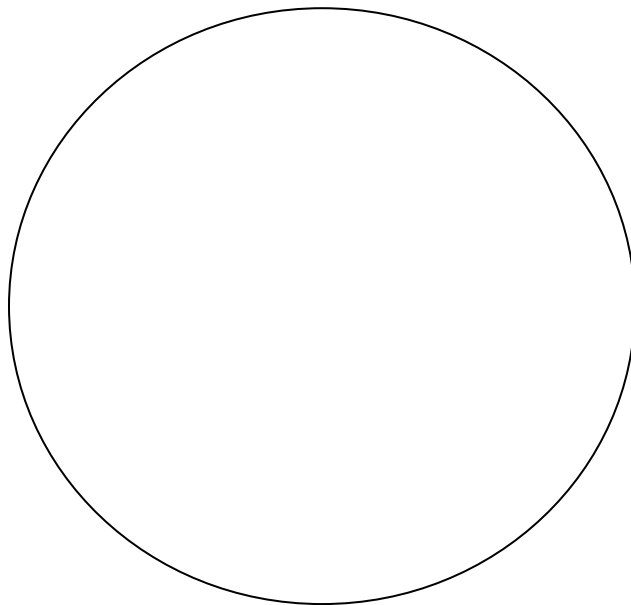
Lab 3: Epithelia

Slide Assignment: Epithelia

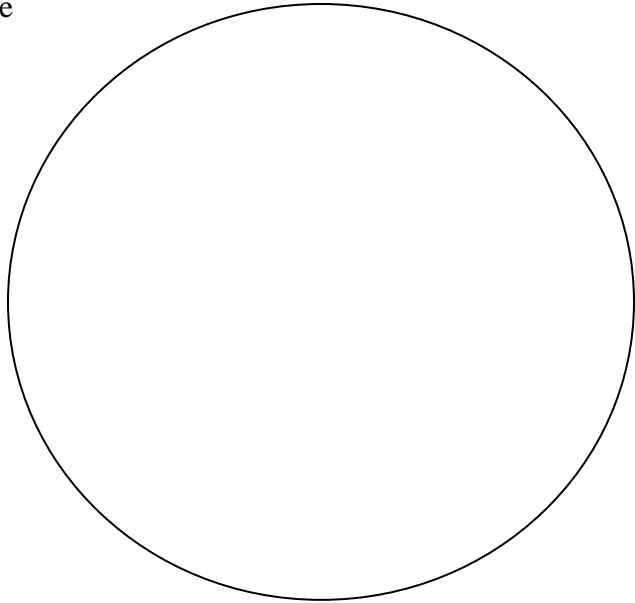
(Beginning on p67 in Lab Text, p43 in Histology Text)

Draw the following slides using the figures in the lab and histology texts as a reference. Use whichever magnification works best to show all given structures. Please note that not every slide will show everything; you will need to look at multiple slides and/or sources. Your drawings should artistically combine views to include all structures.

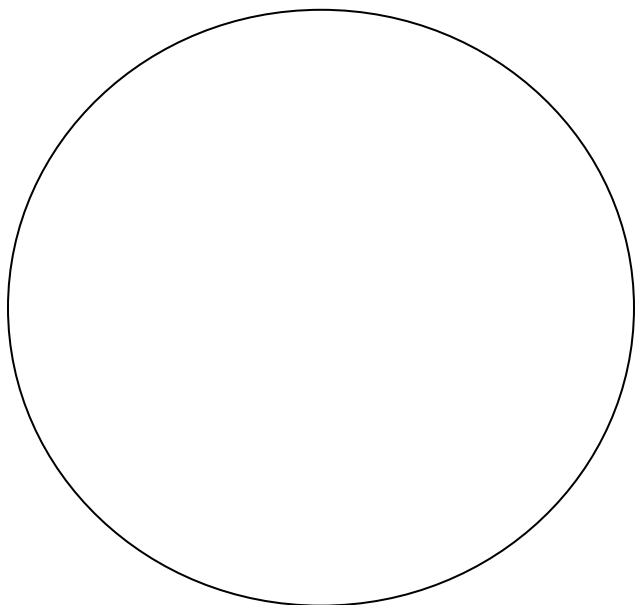
- **Simple Squamous Epithelia** – choose one of the following slides and label as directed:
 - Lung Alveoli
 - Lumen
 - Simple Squamous Epithelia
 - Nuclei
 - Cheek Cells
 - Simple Squamous Epithelia
 - Nuclei
 - Bowman's Capsule
 - Lumen
 - Simple Squamous Epithelia
 - Nuclei
 - Apical Surface
 - Basal Surface



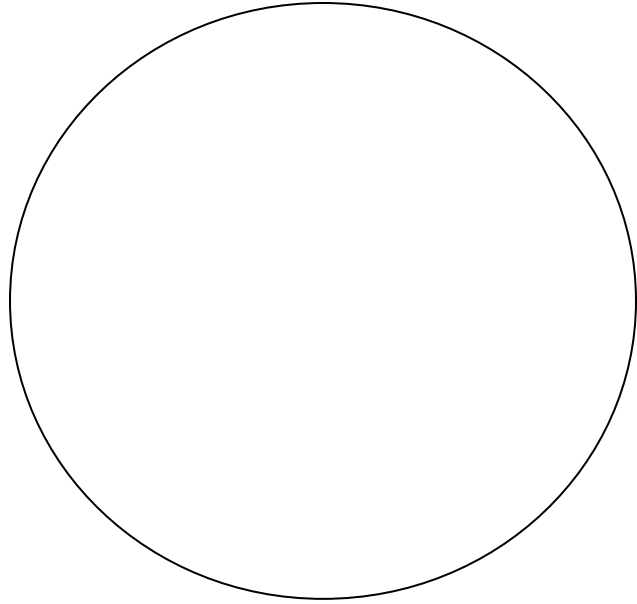
- **Simple Cuboidal Epithelium** – label the following slide as directed:
 - Kidney Tubules
 - Lumen
 - Simple Cuboidal Epithelia
 - Apical Surface
 - Basal Surface
 - Nucleus



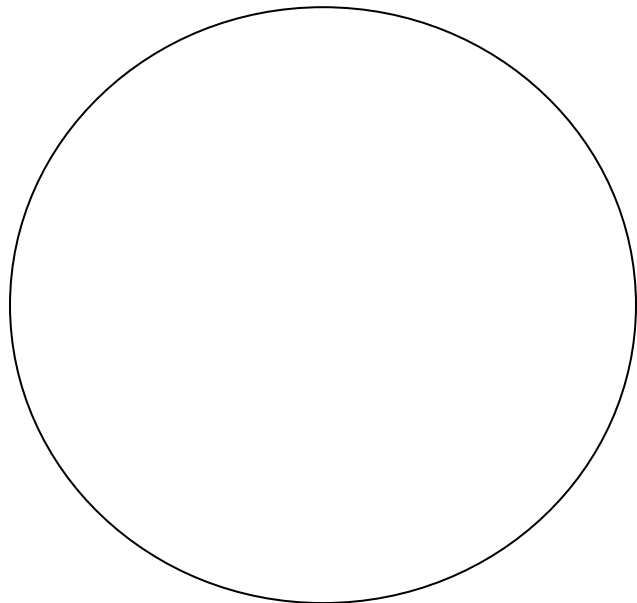
- **Simple Columnar Epithelium** – label the following slide as directed:
 - Goblet Cell Epithelium
 - Lumen
 - Simple Columnar Epithelia
 - Apical Surface
 - Basal Surface
 - Nucleus
 - Goblet Cells
 - Microvilli



- **Pseudostratified Ciliated Columnar Epithelium** – label the following slide as directed:
 - Trachea
 - Lumen
 - Pseudostratified Ciliated Columnar Epithelia
 - Apical Surface
 - Basal Surface
 - Nucleus
 - Goblet Cells
 - Cilia

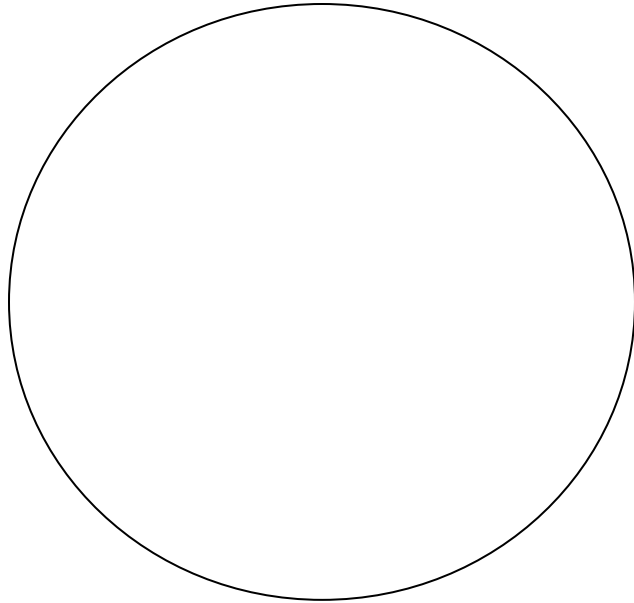


- **Stratified Squamous Non-Keratinized/Non-Cornified Epithelium** – label the following slide as directed:
 - Vagina Lining
 - Lumen
 - Stratified Squamous Non-Keratinized/Non-Cornified Epithelia
 - Apical Surface
 - Basal Surface
 - Nucleus



- **Stratified Squamous Keratinized/Cornified Epithelium** – label the following slide as directed:

- Epidermis
 - Lumen
 - Stratified Squamous Keratinized/Cornified Epithelia
 - Apical Surface
 - Basal Surface
 - Nucleus
 - Dead Cells vs. Live Cells (Boundary)



- **Transitional Epithelia** – choose one of the following slides and label as directed:

- Urinary Bladder Lining
 - Lumen
 - Transitional Epithelia
 - Apical Surface
 - Basal Surface
 - Nuclei
- Ureter Lining
 - Lumen
 - Transitional Epithelia
 - Apical Surface
 - Basal Surface
 - Nuclei

