Unit 2 Pictures

BIOL 213 Online Lab PowerPoint

Hint: Slides with colored backgrounds help to divide content into different days.

Respiratory Anatomy (and Histology)

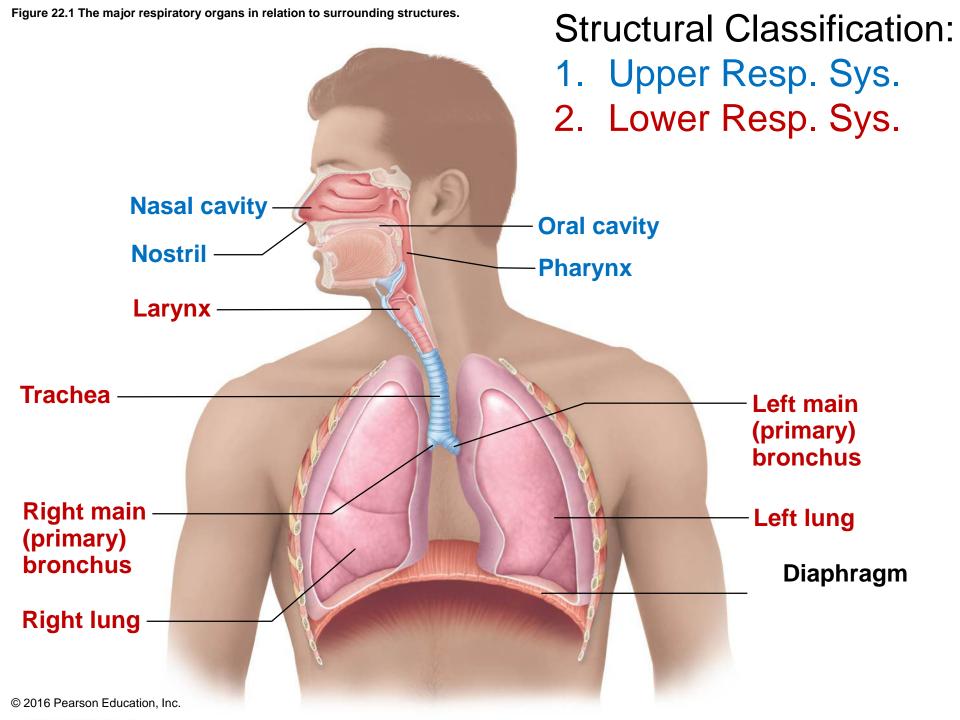
Use the following pictures to help you identify terms from the lab term handout.

***You always only need to know the terms listed in the lab term handout!

Another good resource for histology is the Olexik website: http://faculty.montgomerycollege.edu/wolexik/205 histology page.htm

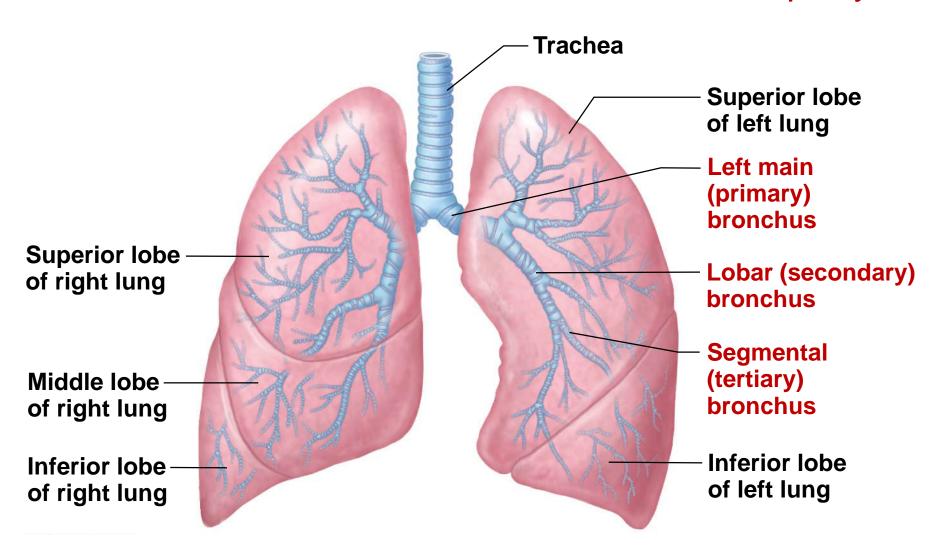
Another good resource is the Visible Body <u>ATLAS</u> app: <u>http://atlas.visiblebody.com</u>

Don't forget that to use the link to download the atlas to a personal device, the device must first be connected to the MCPA Wi-Fi at the Rockville campus.



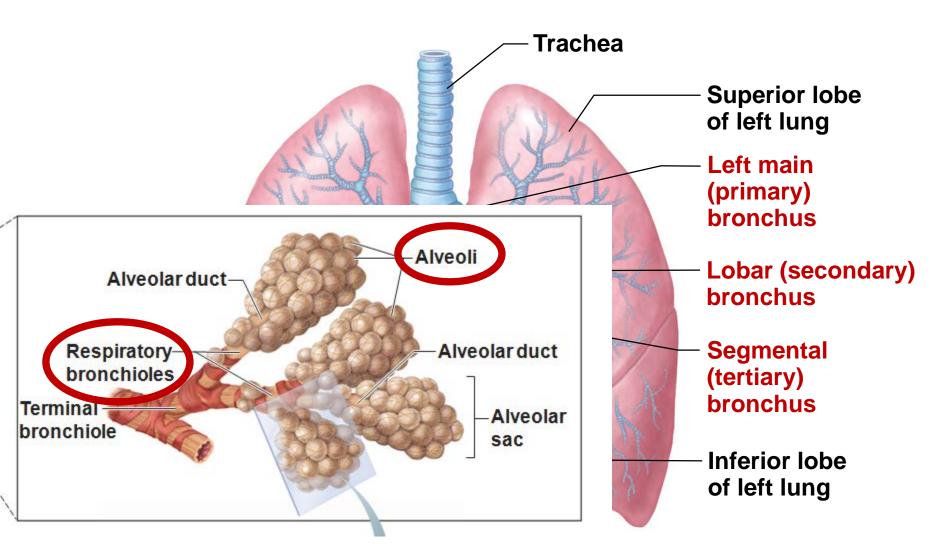
Structural Classification:

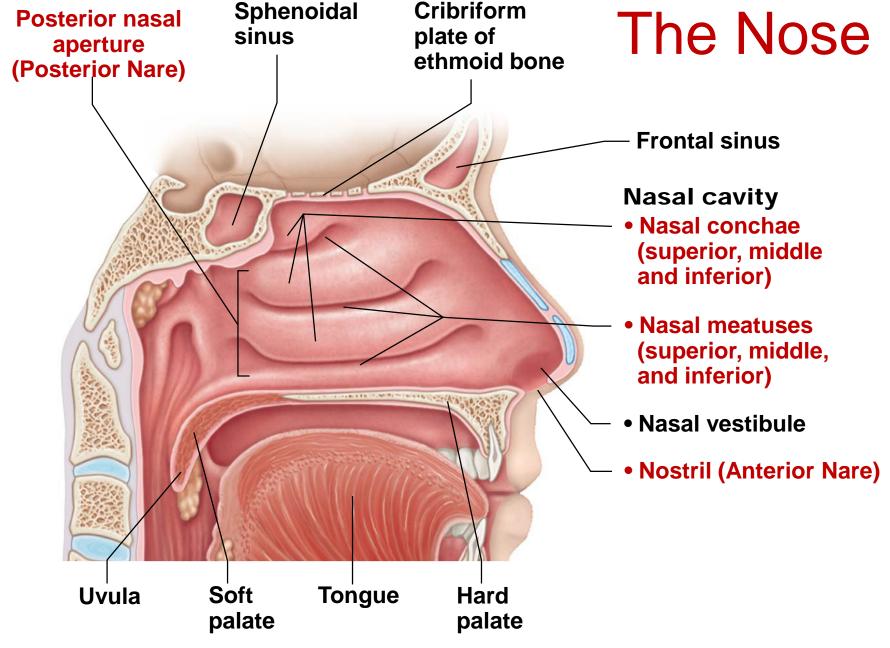
- 1. Upper Resp. Sys.
- 2. Lower Resp. Sys.

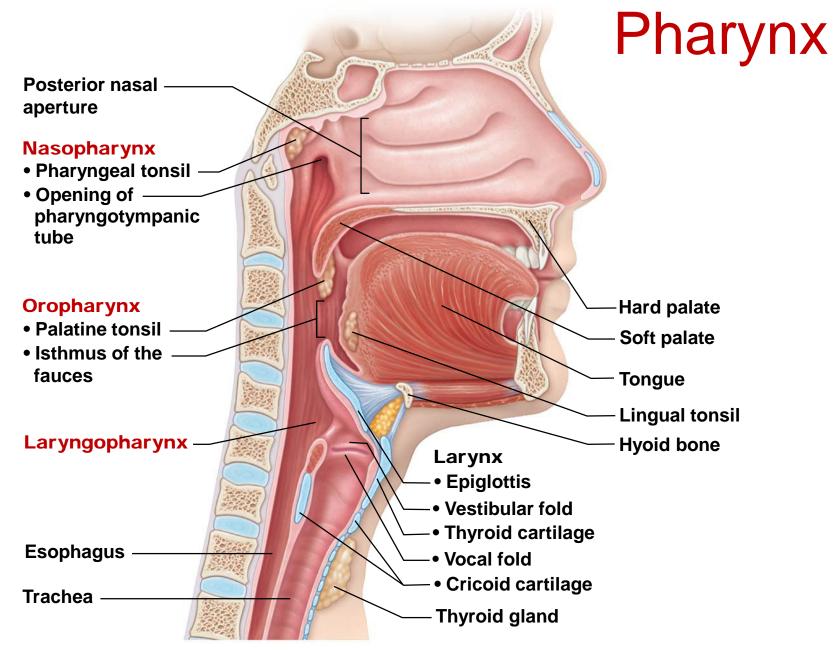


Structural Classification:

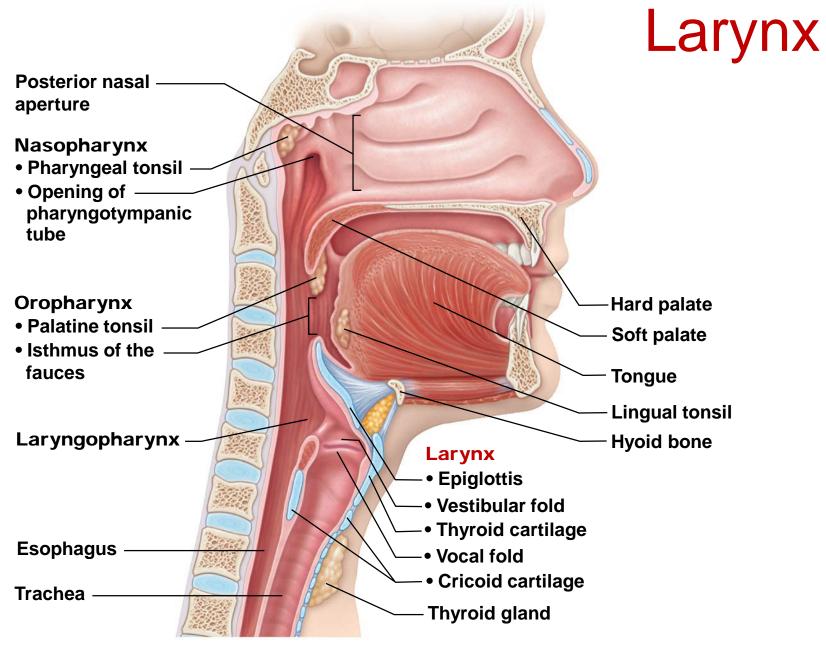
- 1. Upper Resp. Sys.
- 2. Lower Resp. Sys.



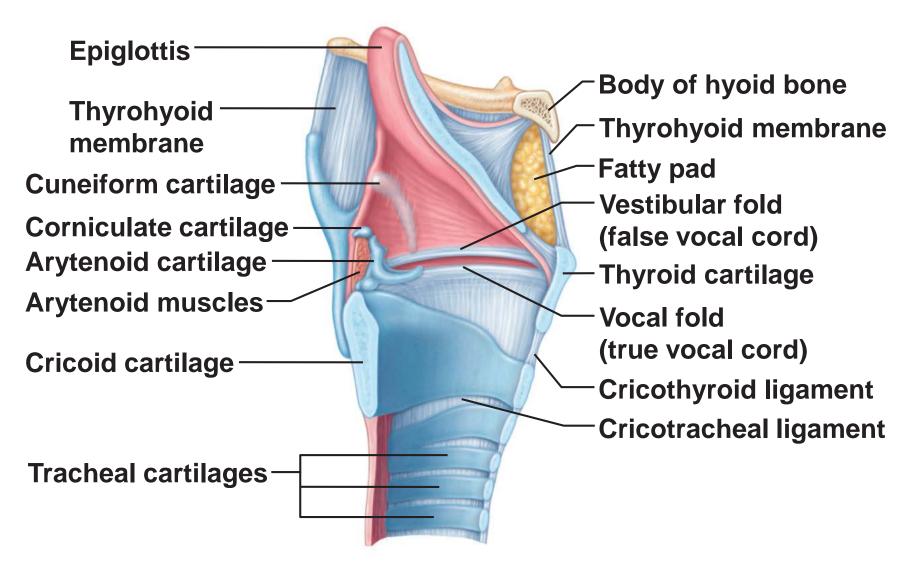




(b) Structures of the pharynx and larynx

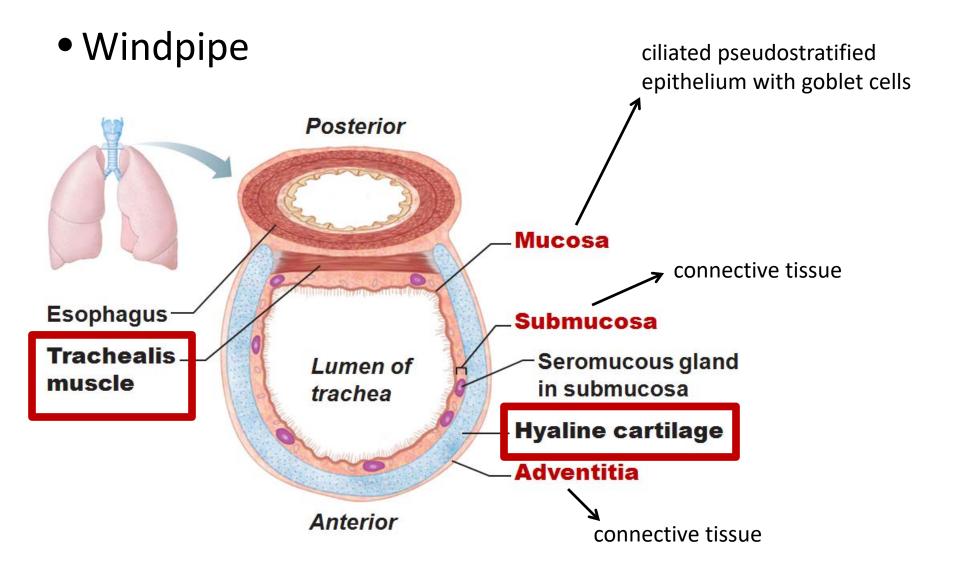


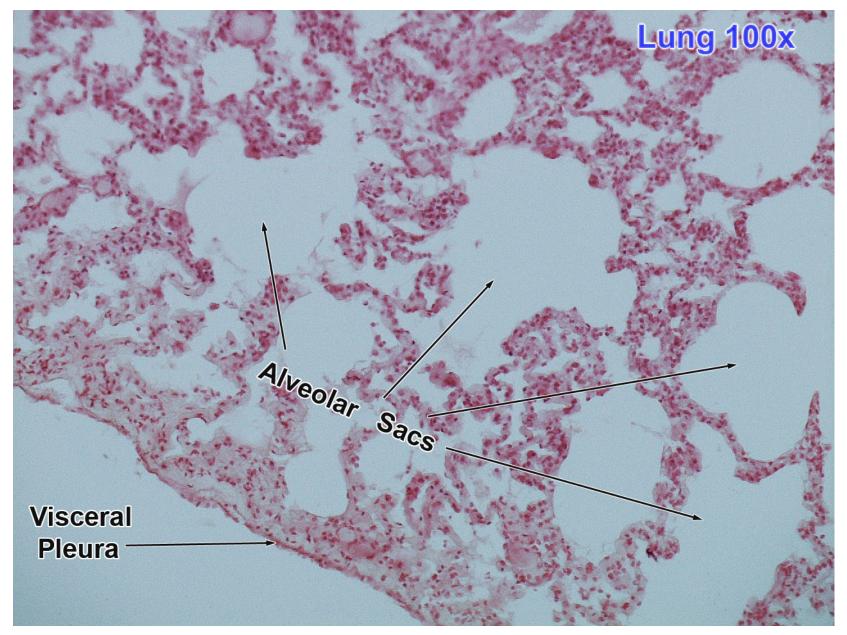
(b) Structures of the pharynx and larynx



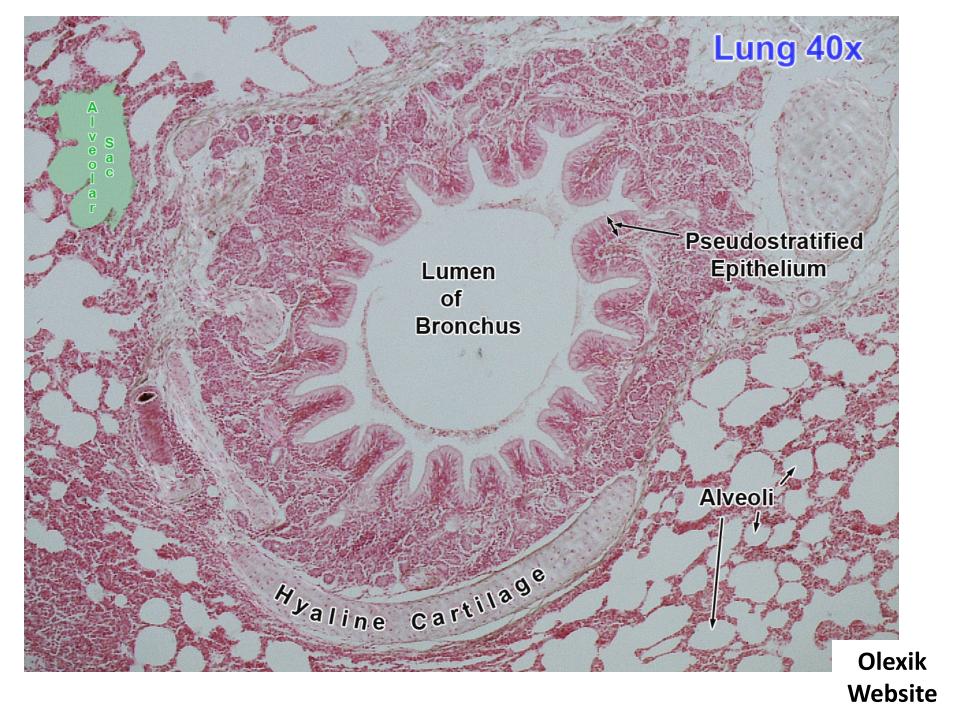
(b) Sagittal view; anterior surface to the right

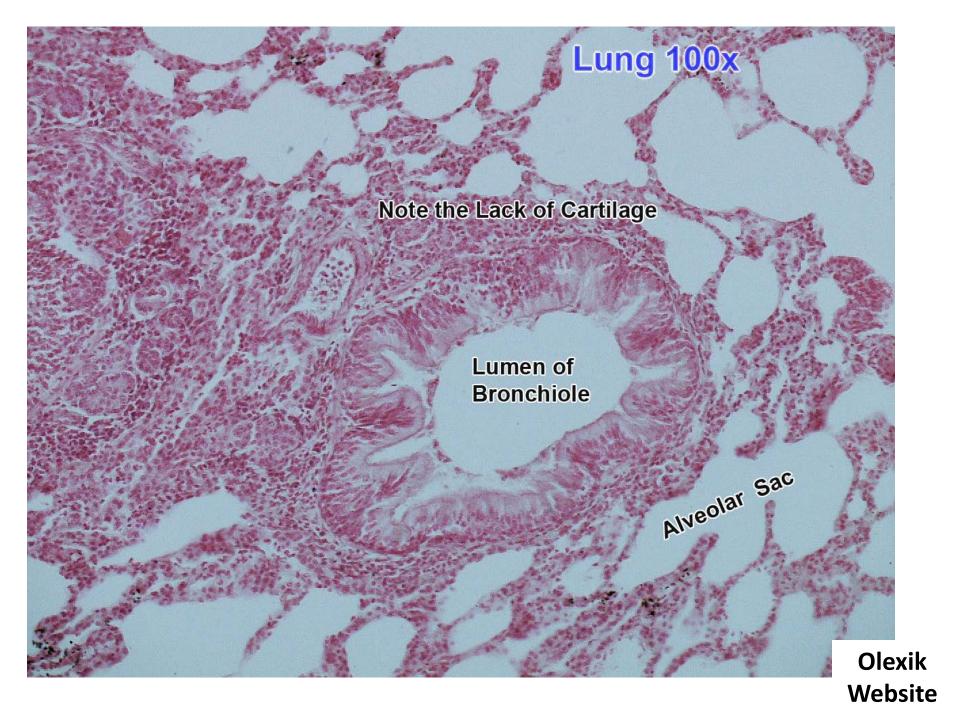
Trachea

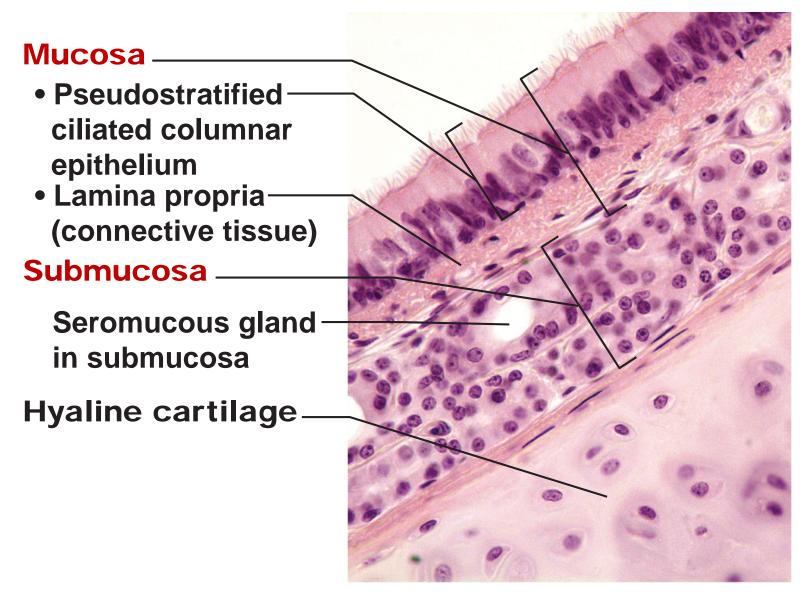




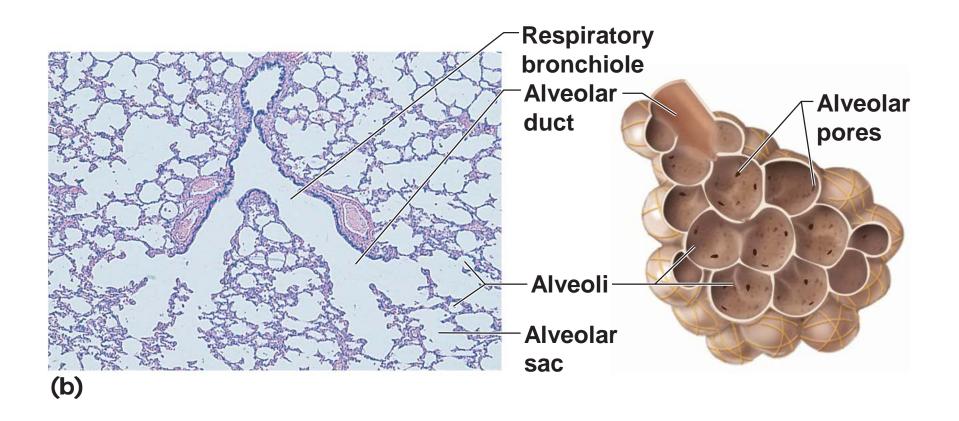
Olexik Website





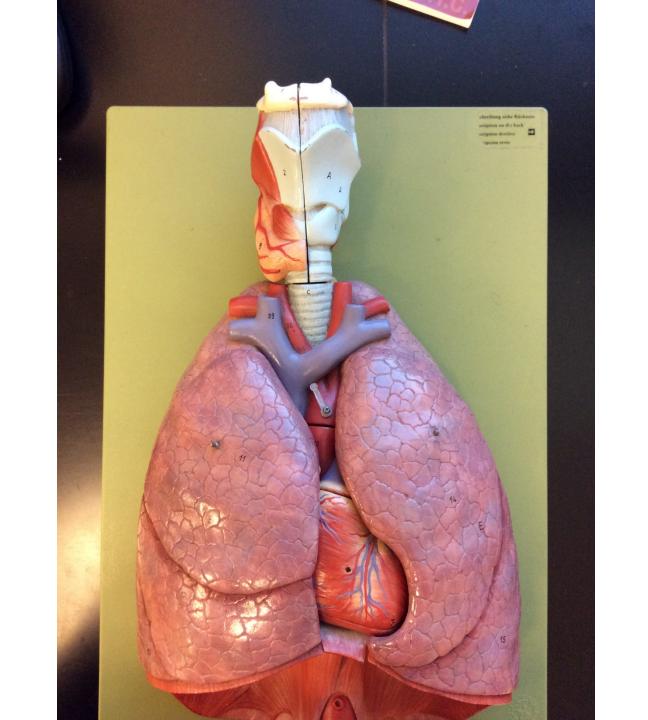


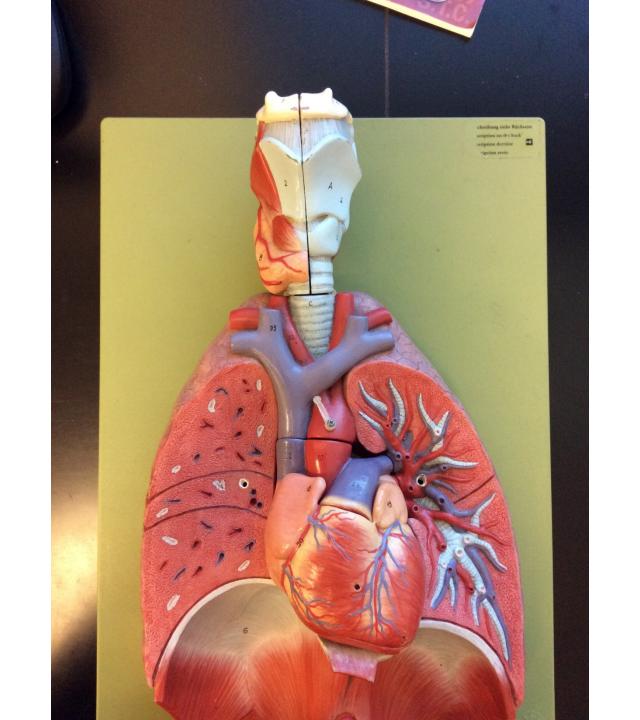
(b) Photomicrograph of the tracheal wall (320x)

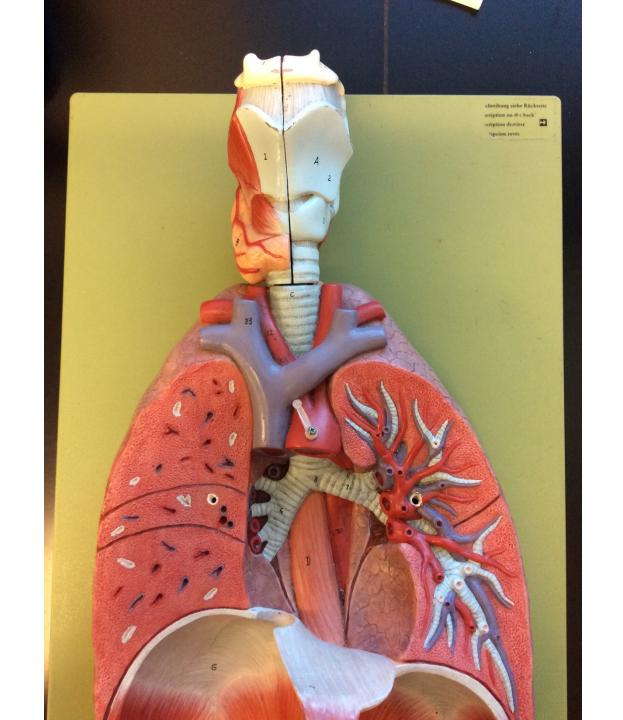


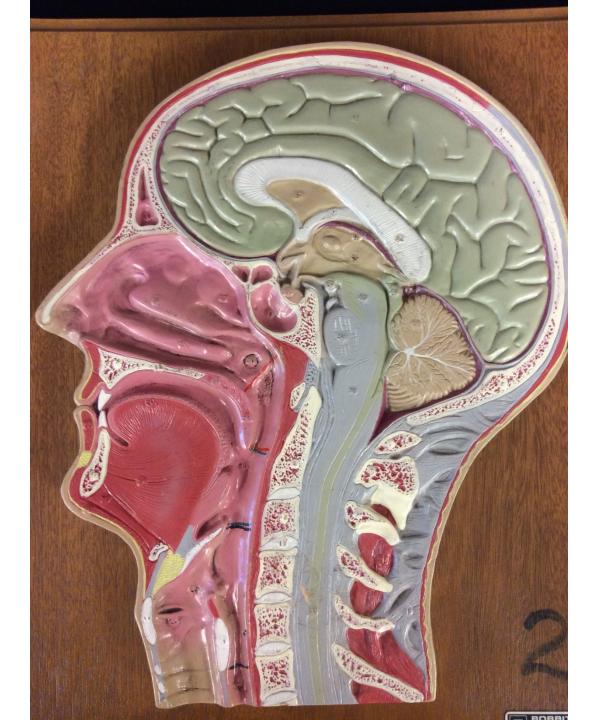
Use the following pictures to help you practice finding the terms from the lab term handout on unlabeled images.

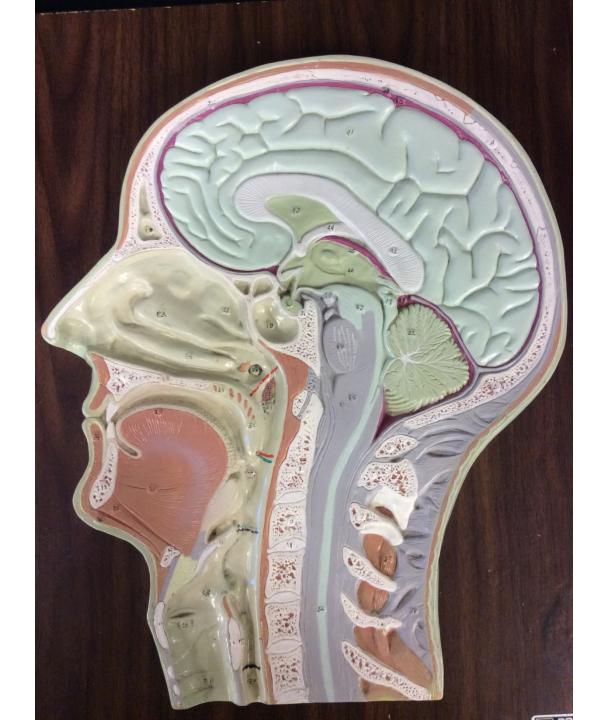
- Remember, you won't learn them if you don't take plenty of time to practice on pictures with NO labels (including no labels for what type of slide it is on histology pictures)!
- Also, be sure to mix up the order once you get comfortable with the unlabeled slides.
- Over the weekend, once you are feeling confident with the pictures here, do the histology quizzes in PAL (from the Pearson website) to get practice with new pictures that you haven't seen.

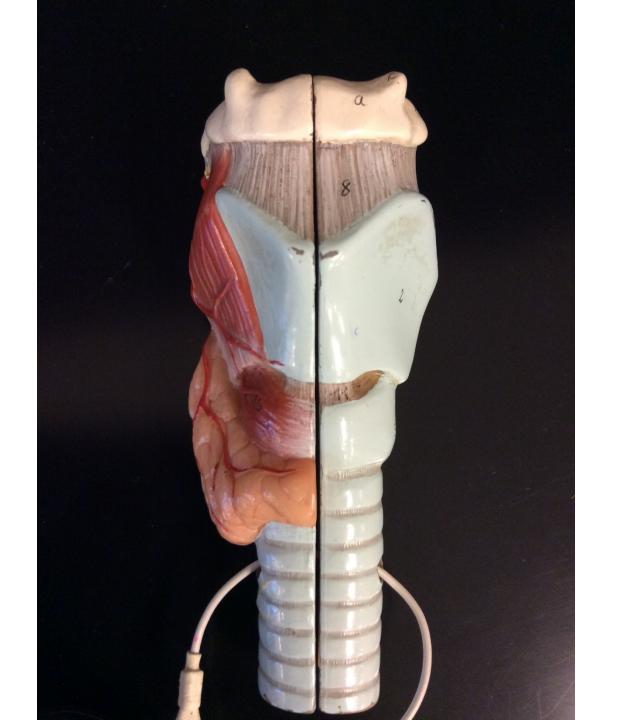


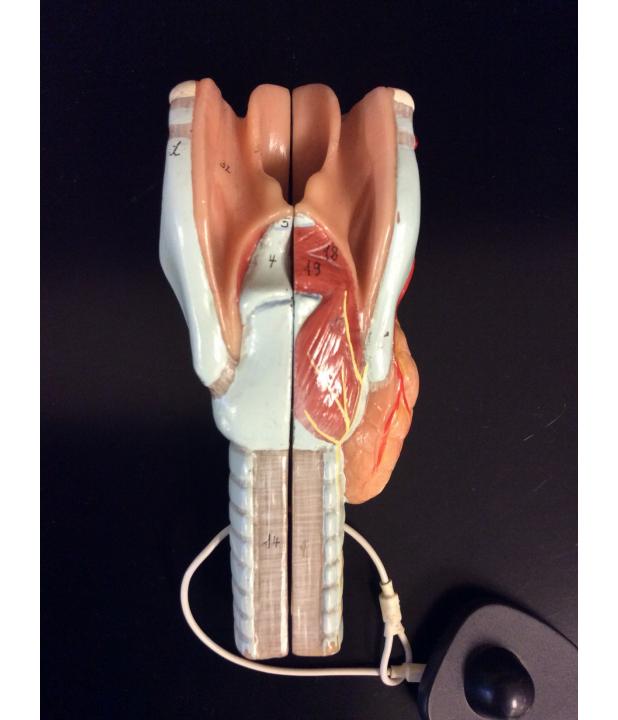




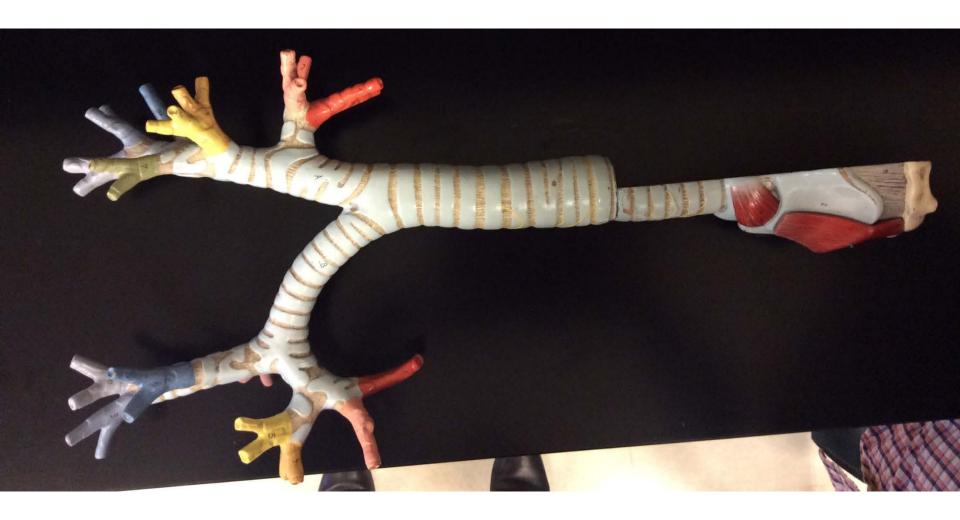


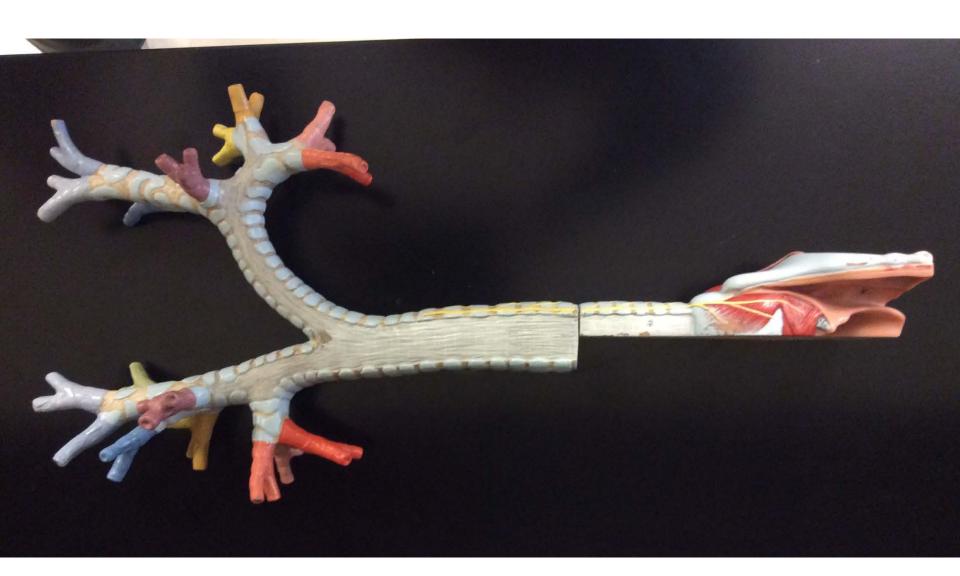


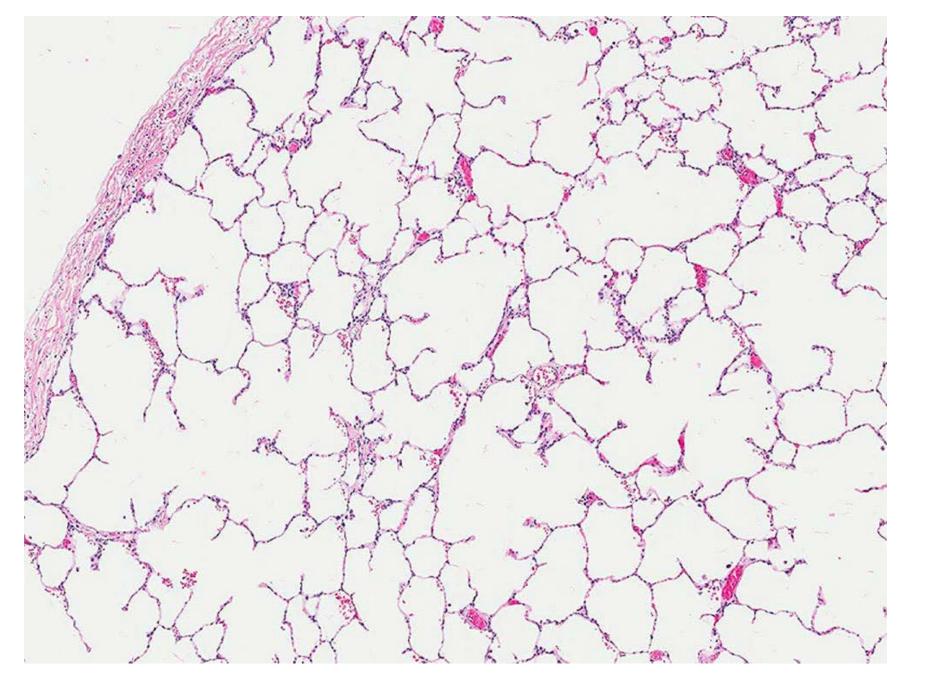


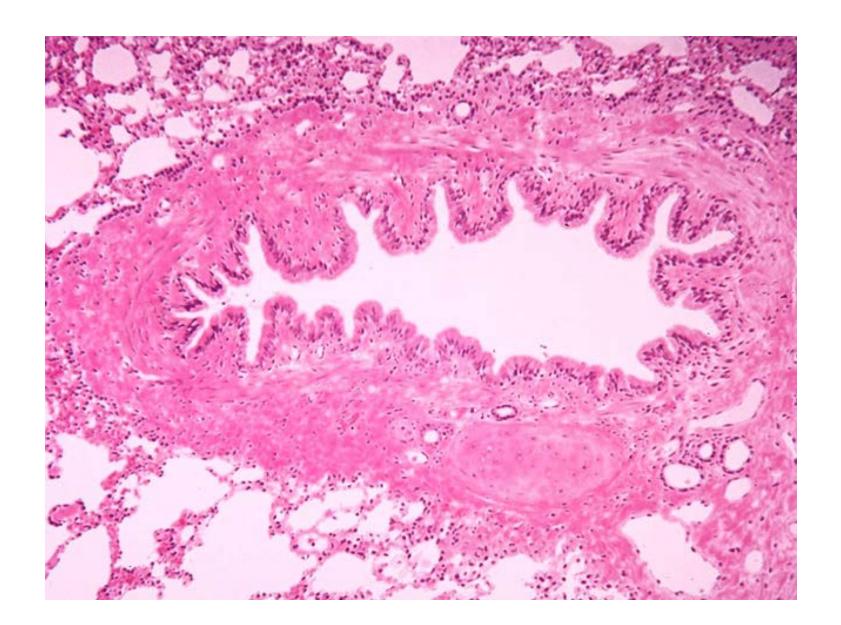


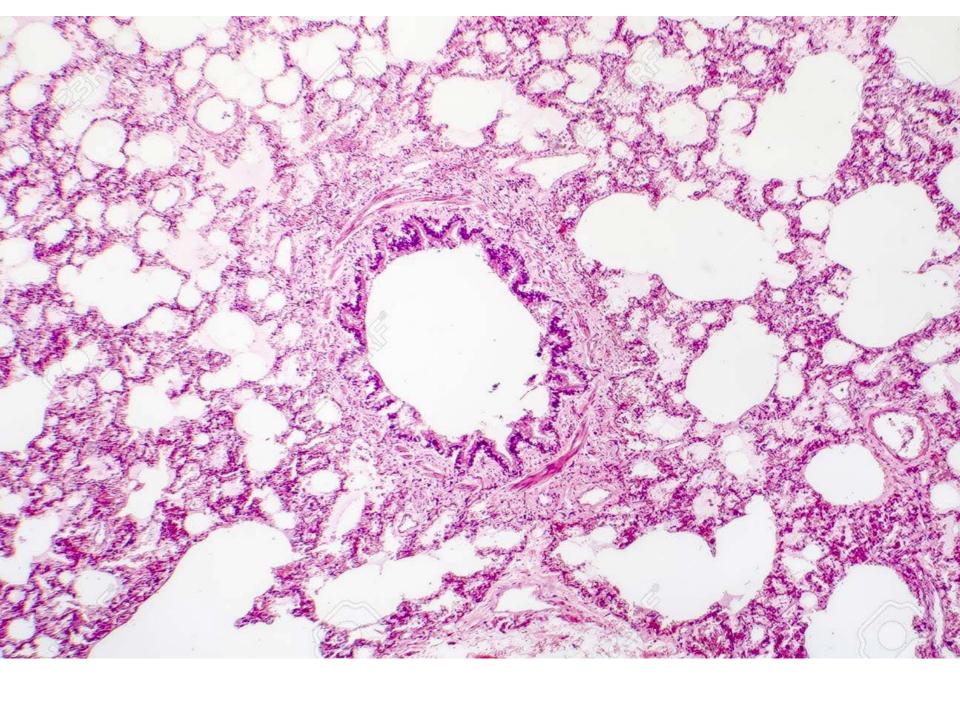


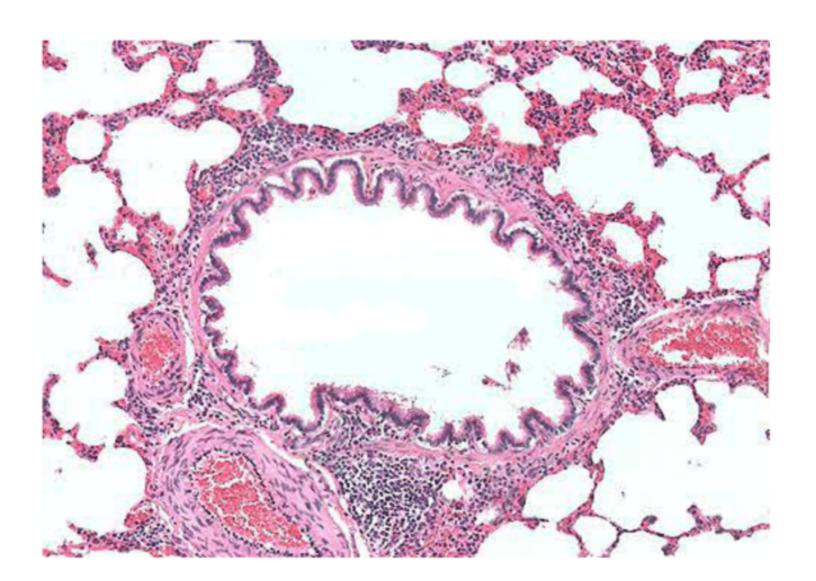


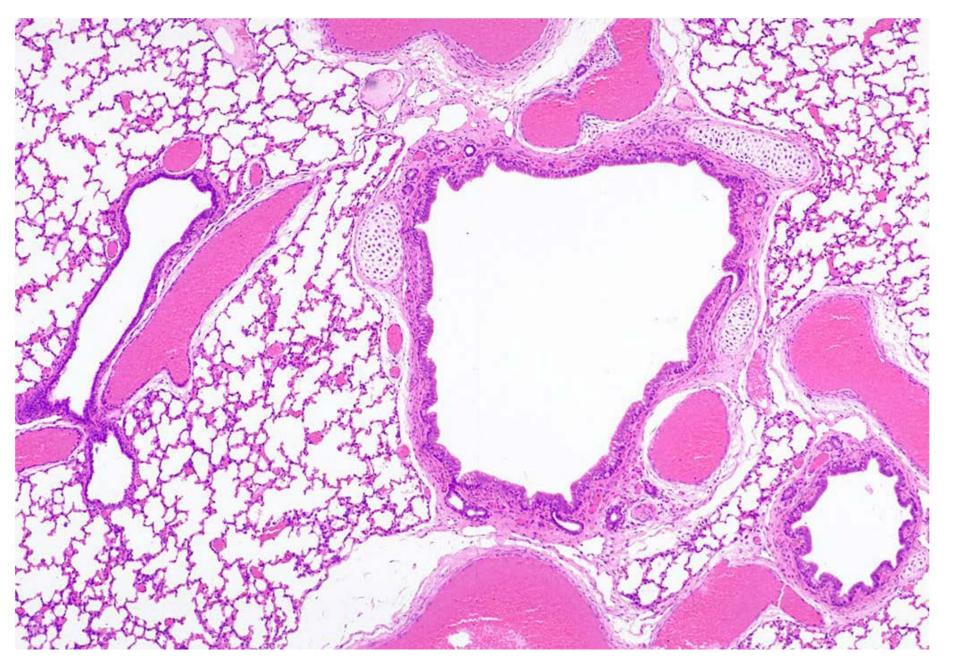




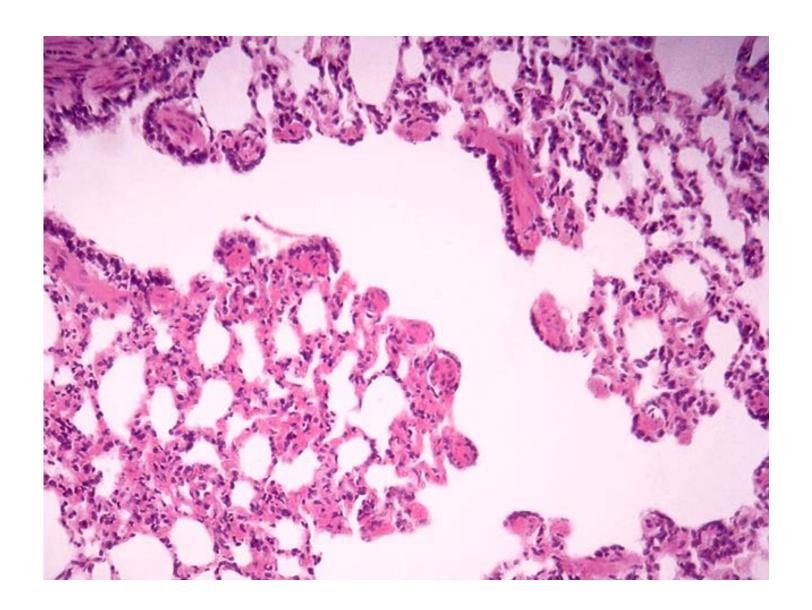


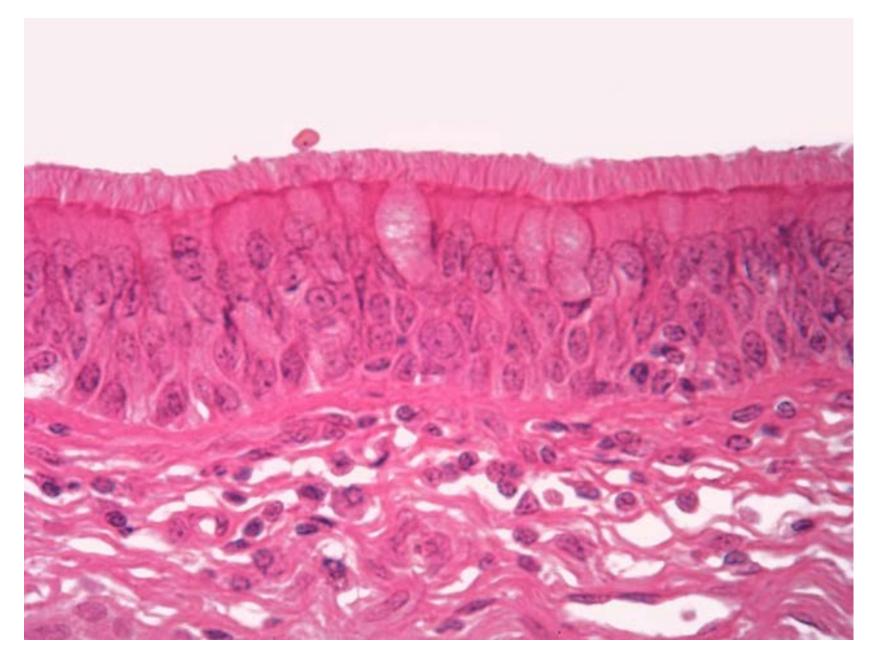






Website with interactive labels: http://medcell.med.yale.edu/histology/respiratory system lab/intrapulmonary air conduits.php





Website with interactive labels: https://medpics.ucsd.edu/index.cfm?curpage=image&course=hist&mode=browse&lesson=45&img=863

Respiratory virtual microscope:

http://aperio.duhs.duke.edu/UMichHistology/Respiratory/130 HISTO 20X.svs/view.apml?

http://141.214.65.171/Histology/Respiratory%20System/132 HISTO 20X.svs/view.apml?

http://141.214.65.171/Histology/Respiratory%20System/132 HISTO 40X.svs/view.apml?

^{**}Make sure Adobe Flash Player is enabled for this website.