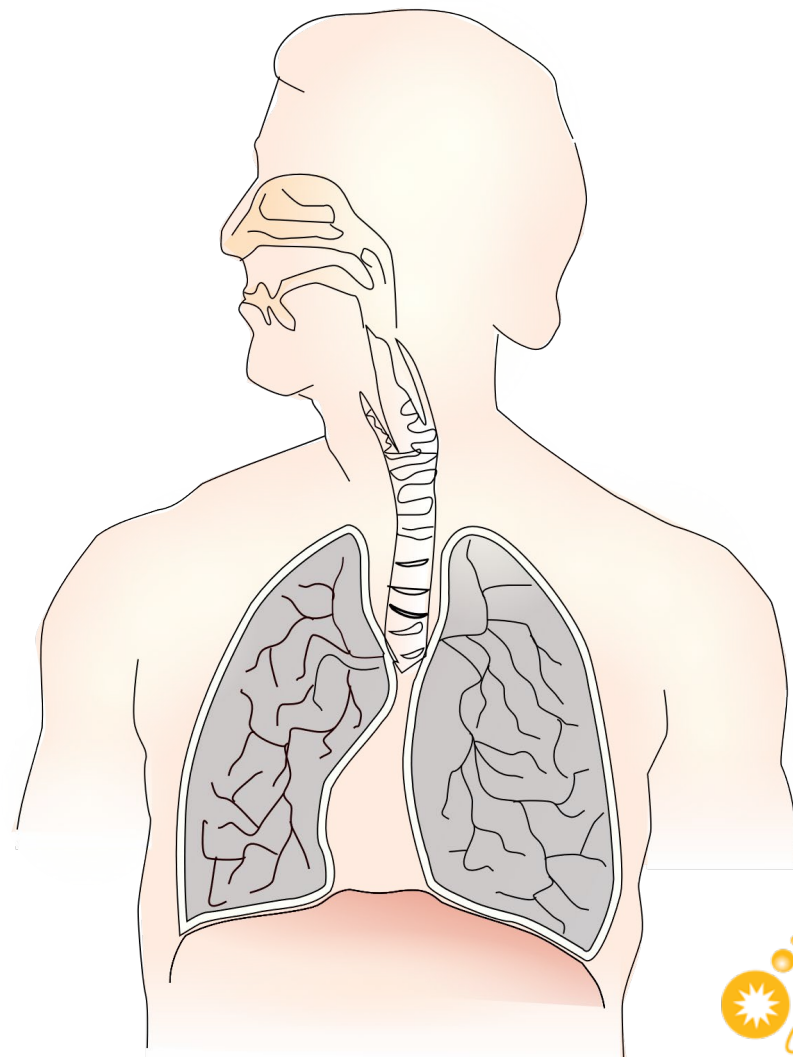
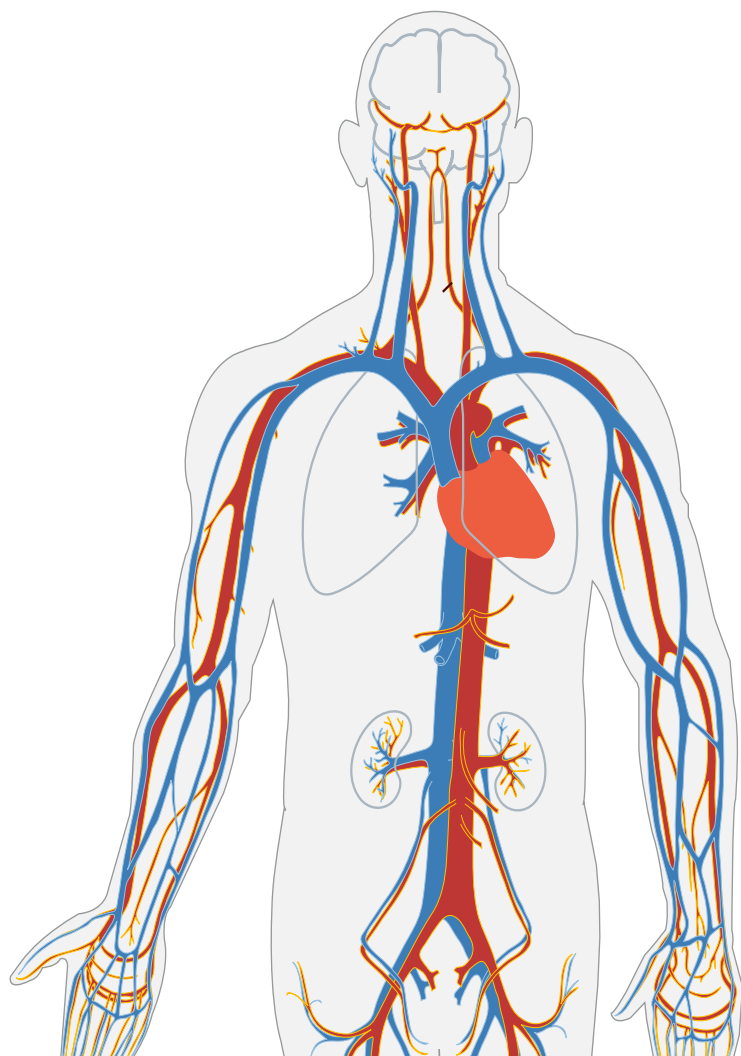
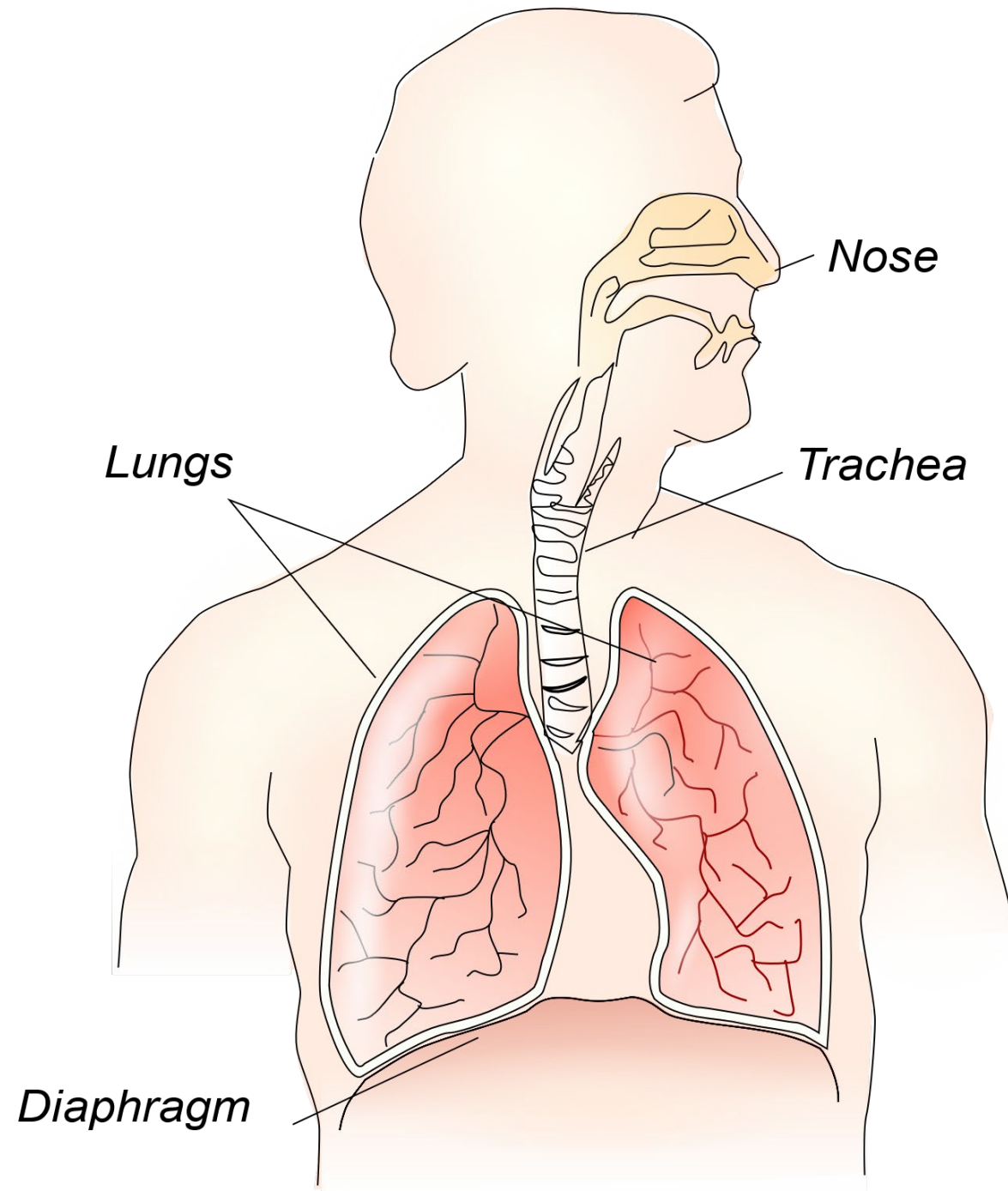


Cell Organization in the Human Body

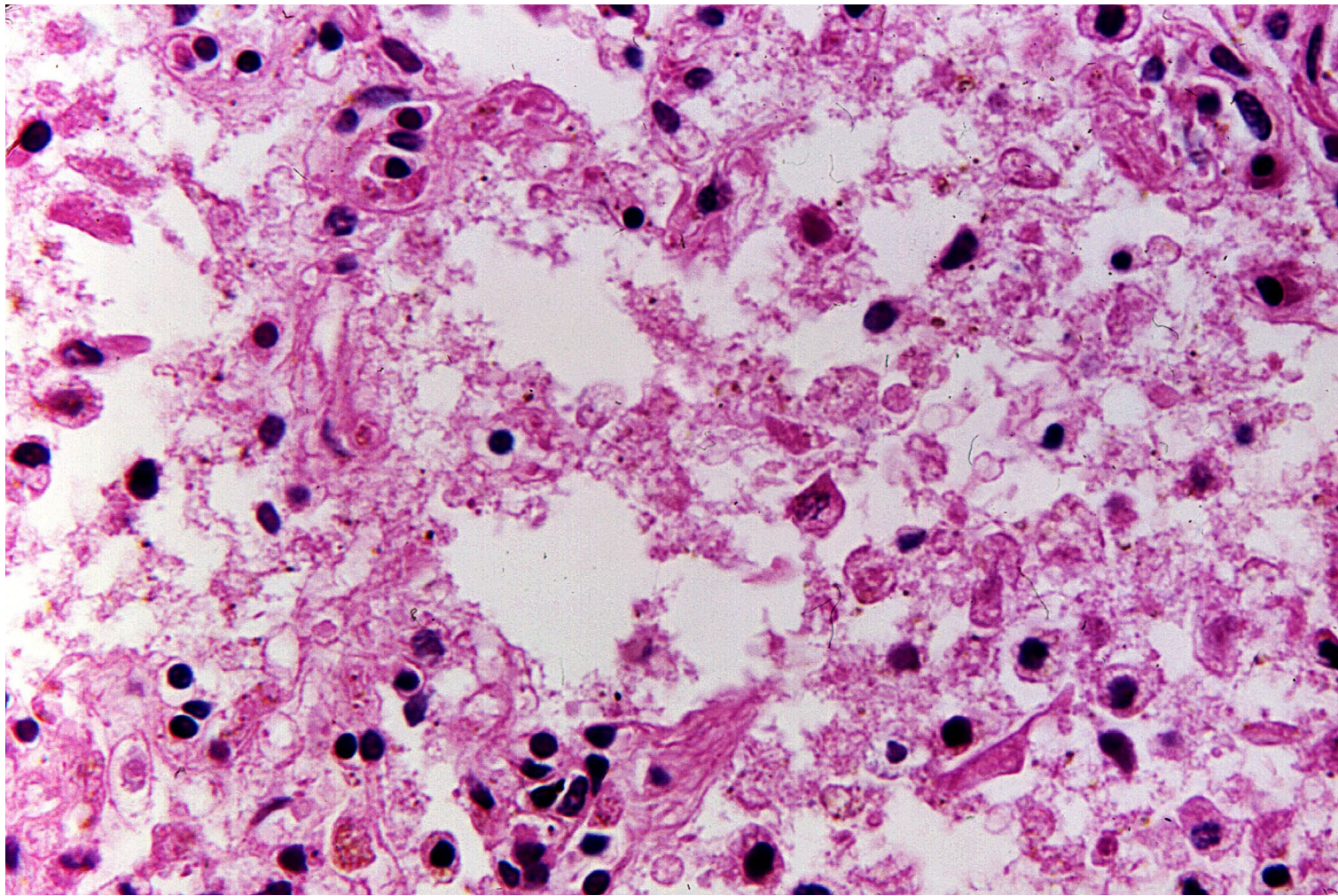






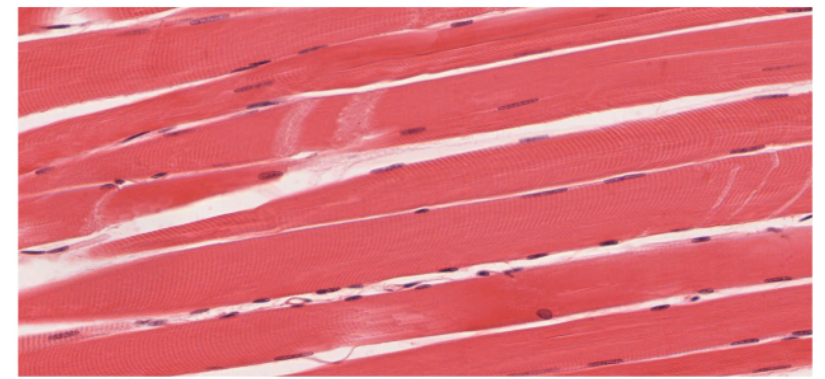
	Model	Function
Respiratory system		
Nose (and mouth)	End of the straw	
Trachea (or windpipe)	Drinking straw	
Bronchi	Branched-off drinking straws	
Lungs	Balloons	
Diaphragm	Balloon membrane with knot	

	Model	Function
Respiratory system		
Nose (and mouth)	End of the straw	Opening that allows air to flow in and out.
Trachea (or windpipe)	Drinking straw	Channels airflow toward and from the lungs to the nose (and mouth).
Bronchi	Branched-off drinking straws	Channel the airflow toward or from one of the two lungs.
Lungs	Balloons	Allow exchange of oxygen and carbon dioxide with blood.
Diaphragm	Balloon membrane with knot	Allows an increase and decrease in the volume of the lungs so air flows in and out.

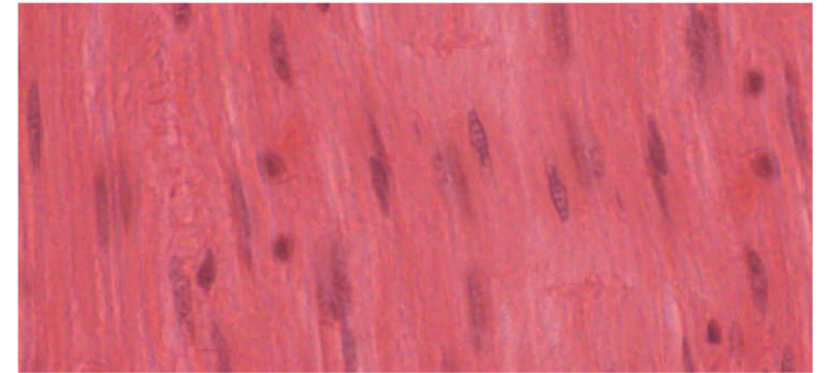


Lung tissue (Photo by [Dr. Brachman, USCDCP](#) on [Pixnio](#))

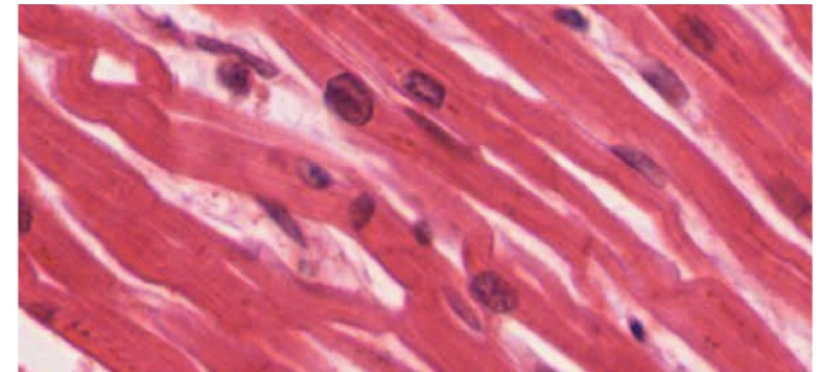
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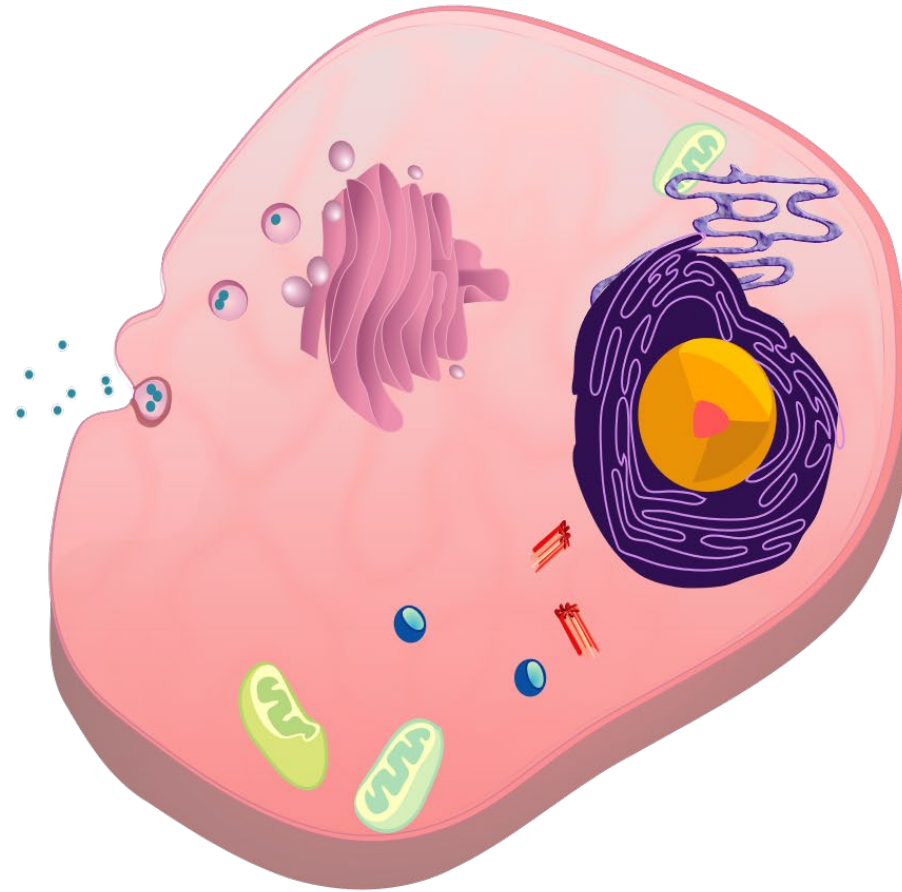
(a) Skeletal muscle tissue



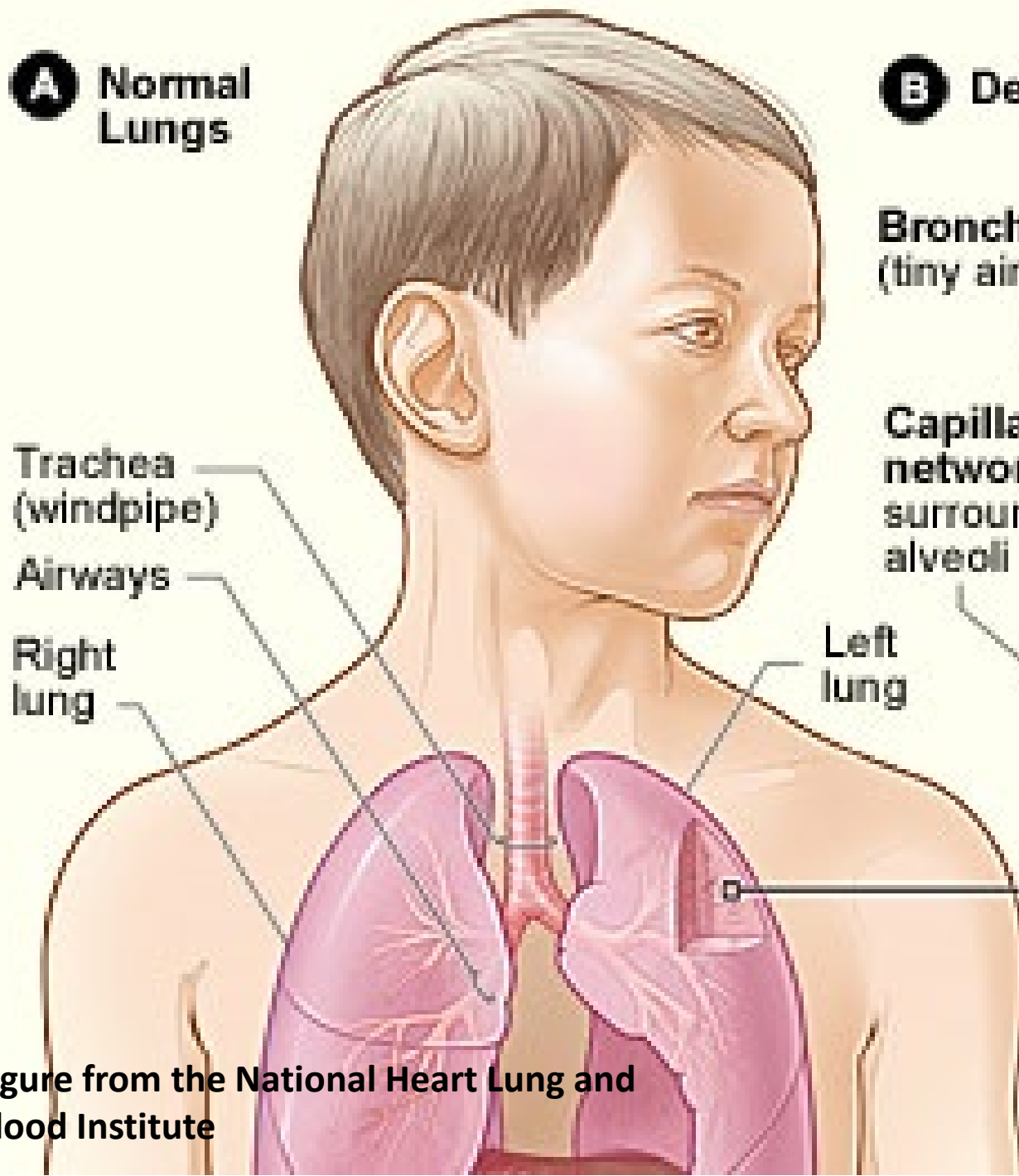
(b) Smooth muscle tissue



(c) Cardiac muscle tissue



A Normal Lungs



B Detailed View of Lung Cross-Section

