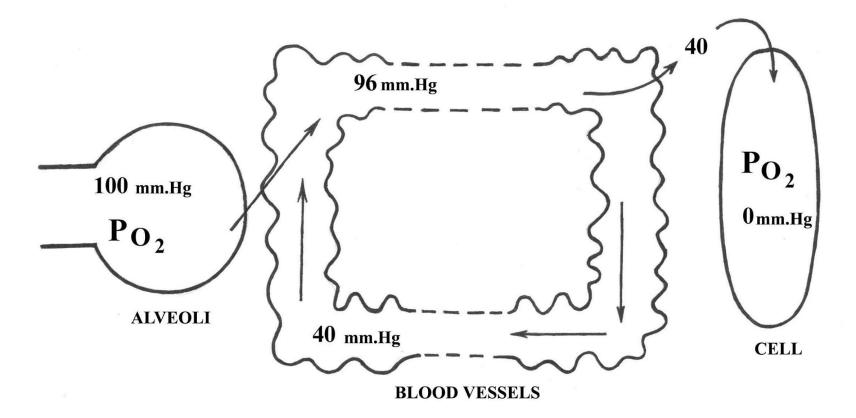
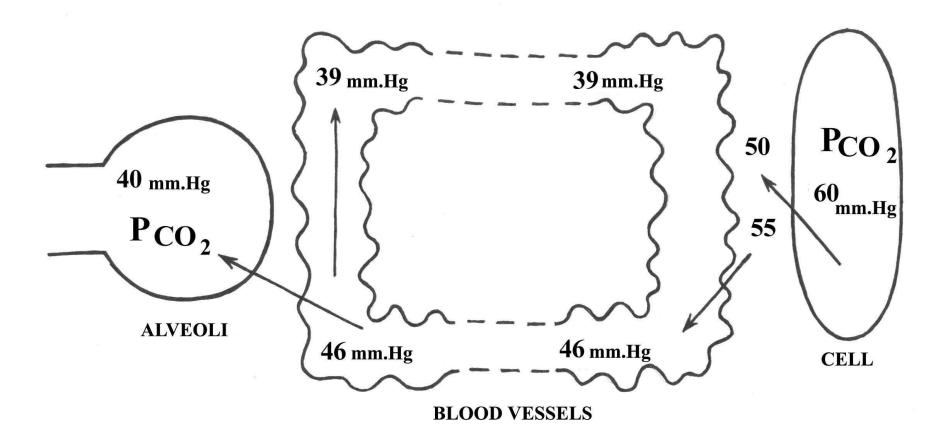
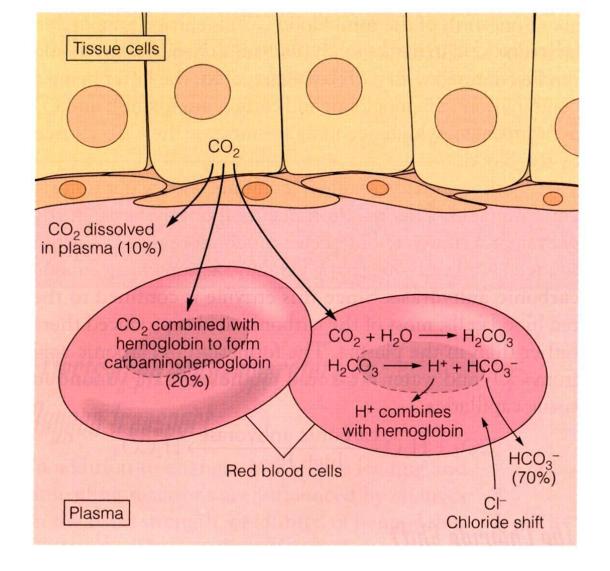
## Transport of gases. Regulation of respiration



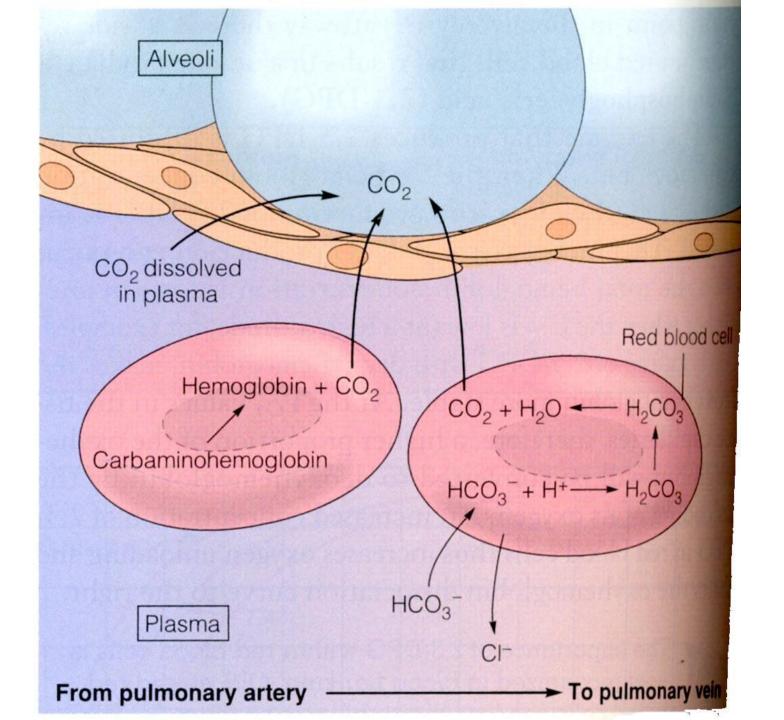
**OXYGEN TRANSPORT BY BLOOD** 



**CARBON DIOXIDE TRANSPORT BY BLOOD** 



An illustration of carbon dioxide transport by the blood and the "chloride shift." Carbon dioxide is transported in three forms: as dissolved  $CO_2$  gas, attached to hemoglobin as carbaminohemoglobin, and as carbonic acid and bicarbonate. Percentages indicate the proportion of  $CO_2$  in each of the forms.



## REGULATION OF RESPIRATION

