Systemic circulation

CO_2 is transported dissolved in plasma, bound to hemoglobin, or as HCO_3^-

O_2 diffuses from alveolus to capillary

Cellular respiration determines O_2 consumption/CO_2 production

CO_2 diffuses out of cells

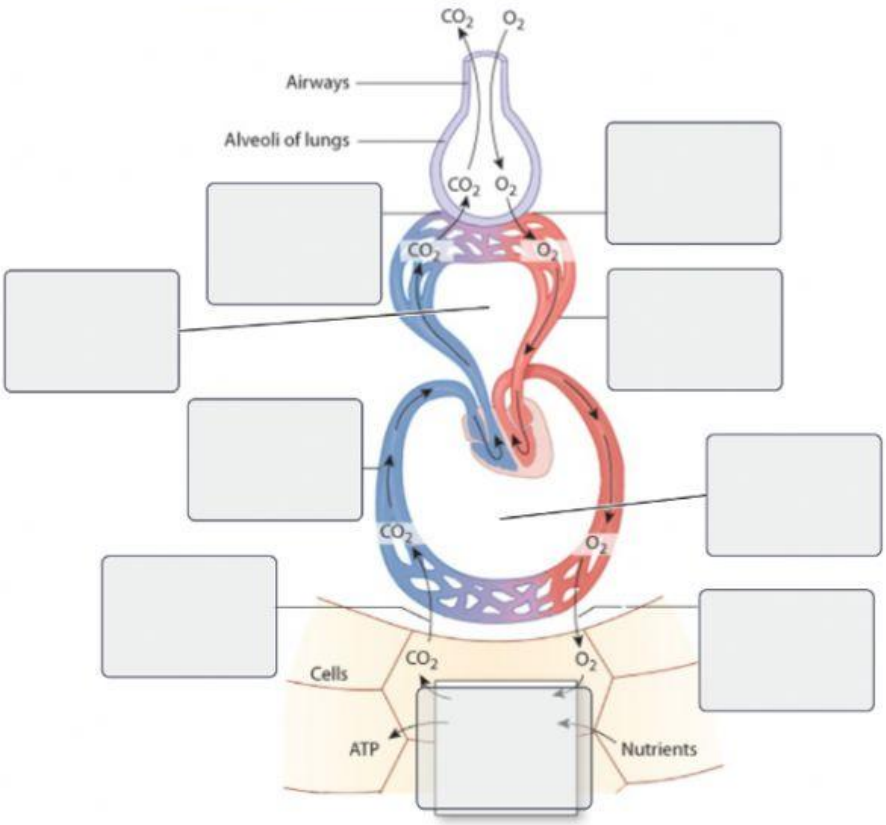
CO_2 enters alveoli

O_2 is transported dissolved in plasma or bound to hemoglobin inside RBCs

O_2 diffuses into cells

Pulmonary circulation

PULMONARY GAS EXCHANGE AND TRANSPORT



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