

factors + mechanisms involved in the control of respiration

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Medulla oblongata - primary respiratory control center

main function - send signals to the muscle that control respiration to cause breathing.

2 regions - 1 - ventral respiratory group
stimulating expiration

2 - dorsal respiratory group
stimulating inspiration

Pons - located under medulla
- function: control rate or speed of voluntary respiration

Chemoreceptors - can detect changes ~~in~~ + respond to it in the partial pressures of ~~oxygen~~ O_2 + CO_2 in the blood + cerebrospinal fluid

respiratory membrane

What makes up respiratory membrane?

alveolar + capillary walls

What other cells make up the walls of the alveoli + why is it important?

lipid fat molecule, very important in the lung function.