Factors + mechanisms involved in the control of respiration

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

   - Functions control rate or speed of voluntary respiration

Chemoreceptors - can detect changes and respond to it in the partial pressures of oxygen (O₂ + CO₂) 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.