

ANATOMY



Respiratory System	
Trachea	Windpipe
Bronchi	Branching airways
Lungs	Organs for gas exchange
Diaphragm	Muscle for breathing
Alveoli	Small air sacs
Capillaries	Blood vessels for gas exchange
Mucous Membrane	Lining of the respiratory tract
Cilia	Hair-like structures for mucus movement
Cartilage	Supportive tissue in the trachea
Connective Tissue	Supports the bronchi
Smooth Muscle	Found in the walls of the bronchi
Epithelium	Outer layer of cells
Basophilic Granules	Found in certain cells
Chloride Ions	Present in the mucus
Water	Component of mucus
Mucus	Substance that traps particles
Protein	Component of mucus
Carbohydrate	Component of mucus
Lipid	Component of mucus
Electrolyte	Substances in mucus
Antibodies	Proteins in mucus
Enzymes	Substances in mucus
Cells	Present in mucus
Microbes	Can be trapped in mucus
Dust	Can be trapped in mucus
Debris	Can be trapped in mucus
Foreign Particles	Can be trapped in mucus
Pathogens	Can be trapped in mucus
Toxins	Can be trapped in mucus
Drugs	Can be trapped in mucus
Chemicals	Can be trapped in mucus
Acids	Can be trapped in mucus
Bases	Can be trapped in mucus
Salts	Can be trapped in mucus
Sugars	Can be trapped in mucus
Alcohols	Can be trapped in mucus
Hydrocarbons	Can be trapped in mucus
Organic Compounds	Can be trapped in mucus
Inorganic Compounds	Can be trapped in mucus
Metals	Can be trapped in mucus
Non-metals	Can be trapped in mucus
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