

## Epithelial Tissue Flashcards PDF

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What is epithelial tissue?

Epithelial tissue is a type of tissue that forms the protective outer layer of the body and lines internal organs and cavities.

What are the main functions of epithelial tissue?

The main functions of epithelial tissue include protection, absorption, secretion, and sensation.

What are the different types of epithelial tissue?

The different types of epithelial tissue include simple squamous, simple cuboidal, simple columnar, stratified squamous, stratified cuboidal, stratified columnar, transitional, and pseudostratified.

What is the difference between simple and stratified epithelial tissue?

Simple epithelial tissue consists of a single layer of cells, while stratified epithelial tissue consists of multiple layers of cells.

What is the role of cilia in epithelial tissue?

Cilia are hair-like structures on the surface of some epithelial cells that help move substances across the epithelial surface.

What is the basement membrane?

The basement membrane is a thin, fibrous layer that separates epithelial tissue from underlying connective tissue.

How does epithelial tissue receive nutrients?

Epithelial tissue receives nutrients through diffusion from underlying connective tissue, as it is avascular (lacks blood vessels).

What is the significance of tight junctions in epithelial tissue?

The significance of tight junctions in epithelial tissue is to prevent the passage of substances between cells, thus maintaining a selective barrier.

What is the difference between exocrine and endocrine glands?

Exocrine glands secrete their products into ducts or onto surfaces, while endocrine glands secrete hormones directly into the bloodstream.

What is transitional epithelium and where is it found?

Transitional epithelium is a type of stratified epithelium that can stretch and is found in the urinary bladder.