EPITHELIAL TISSUE

Histological investigation of the tissue revealed absence of blood vessels in it and tight connections between the cells with formation of layers. What tissue is it?

A. \*Epithelial

B. Cartilage

C. Bone

D. Nervous

E. Muscle

In the experiment tight connections between the epitheliocytes were damaged. What function of the epithelium will be disordered?

A. \*Mechanical

B. Absorption

C. Vitamin D production

D. Secretory

E. Excretory

Histological investigation of the tissue revealed absence of blood vessels in it and tight connections between the cells with formation of layers. What tissue is it?

A. \*Epithelial

B. Cartilage

C. Bone

D. Nervous

E. Muscle

On the electron microphotograph of epithelial tissue under epitheliocytes damaging of the basal membrane were revealed. What main function of the epithelium is disordered?

A. \*Barrier

B. Absorption

C. Regeneration

D. Secretory

E. Exocytose

Study of a tubular organ revealed that its median membrane consists of solid hyaline rings. What epithelium lines mucous membrane of this organ?

A \*Multinuclear prismatic ciliated

B Monostratal prismatic glandular

C Monostratal prismatic with a border

D Multistratal squamous nonkeratinizing

E Monostratal cubical

Tunica intima of the vessel is lined with epithelium. Name it.

A. \*Endothelium

B. Mesothelium

C. Epidermis

D. Transitional epithelium

E. Pseudostratified epithelium

In a histological specimen the gland adenomeres should be determined. They are formed by the cells with central round nucleus and basophilic cytoplasma. Determine the type of adenomeres:

A \*Serous

B Mucous

C Combined

D Sebaceous

E Seromucous

In a histological specimen of the small intestine villi were determined. They are covered with tissue which has only cells that rest on the basal membrane. There are no blood vessels. What tissue covers the villi?

A. \*Epithelial tissue

B. Dense irregular connective tissue

C. Loose connective tissue

D. Smooth muscle

E. Reticular tissue

In the study of the epithelium revealed that it is composed of several layers of cells. Epithelial cells of the outer layer have no nuclei. What kind of epithelium is this?

A \* Keratinizing stratified squamous epithelium

B Non-keratinizing stratified squamous epithelium

C Transitional

D Stratified columnar ciliated epithelium

E Stratified cuboidal epithelium

The rounded bodies that indicate that the cells were taken from the female mouth were revealed during the studies of the oral cavity epithelial cells. What is the formation of chromatin?

A \*Barr bodies

B Lyon bodies

C Decondensed chromatin

D Euchromatin

E Pacinian corpuscles

EPITHELIAL TISSUE.

The villus of the small intestine is covered by the tissue that consists only of the cells, which form a layer on the basement membrane. The tissue does not contain blood vessels. What tissue does the surface of the villus cover?

A \* Epithelial tissue

B Cemented irregular fibrous connective tissue

C Dense irregular connective tissue

D Smooth muscle tissue

E Reticular tissue

The structures of tight junction between the epithelial cells were affected during the experiment. What function of the epithelium will be disordered?

A \* Mechanical

B Absorption

C Vitamin D-producing

D Secretory

E Excretory

EPITHELIAL TISSUE. GLANDULAR EPITHELIUM.

A slide contains the preparation of a gland composed of several secretory saccule-shaped parts that open in the common excretory duct. What gland is it?

A \*Simple branched alveolar gland

B Compound branched alveolar gland

C Simple unbranched alveolar gland

D Compound unbranched alveolar gland

E Simple branched tubular gland

The secretory parts of the apocrine glands contain myoepithelial cells. What is the function of these cells?

A \*Contractive

B Secretory

C Protective

D Regenerative

E Supporting

A diagram shows an exocrine gland that has unbranched excretory duct with a terminal part in form of a saccule opening into the duct. How is this gland called according to the morphological classification of exocrine glands?

A \*Simple unbranched alveolar

B Compound branched alveolar

C Simple branched tubular

D Compound unbranched alveolar

E Compound unbranched alveolar tubular

The gland that consists of two acinar secretory parts which open into common excretory duct was found in the skin. What kind of a gland is this?

A \*Simple branched alveolar gland

B Compound branched alveolar gland

C Simple unbranched alveolar gland

D Compound unbranched alveolar gland

E Simple branched tubular gland