

الطب البشري / الطب البشري - قسم عام / علم الأنسجة
21_20 / الطب البشري / الطب البشري - قسم عام / علم الأنسجة
?In situ hybridization is a histologic technique used to visualize what type of macromolecule

- a. ☐ Certain enzymes
- b. ☐ Lipids
- c. ☐ Carbohydrates
- d. ☐ Proteins
- e. ☐ Nucleic acids

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1
out of
question

Regarding Collagen, All true except

A

- ☐ a. type II is the main type in bone
 - ☐ b. is one of the matrix component of osteoid
 - ☐ c. type III is the main type in reticular fibers
 - ☐ d. is secreted by fibroblasts as procollagen molecules
 - ☐ e. type I is the main collagen in tendons
- 

regarding paracrine glands

- a ☐ classified as endocrine glands
- b ☒ secretions reach the target cells by diffusion
- c ☐ secretions reach the blood stream
- d ☐ they are holocrine
- e ☐ classified as exocrine glands

b

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A

The following is true about apoptosis except

- a ☐ It occurs due to hypoxia or cell injury
- b ☐ It is required for normal growth and development
- c ☐ It occurs in infants and adult
- d ☐ It is not associated with inflammation
- e ☐ It is usually associated with nuclear condensation

سؤال 6

غير محاب عليه
بعد

الدرجة من 1.00

٣ عليم هذا
السؤال

Time left 0:18:05

Molecules of cholesterol, insert at varying densities among the closely-packed phospholipid fatty acids of the cell membrane restricting their movements and modulating the fluidity of all membrane components.

Select one:

☐ True

☐ False

True

Next page

Which one of the following structures is visible in the light microscope

mitochondrion .a ☐

ribosomes .b ☐

tight junction .c ☒

smooth endoplasmic reticulum .d ☐

basement membrane .e ☐

أخلى اختياري

E

Time left 0:22:54

Endothelium and mesothelium form cellular membranes which have the same histologic structure as

- ☐ a. simple columnar epithelium
- ☐ b. simple cuboidal

- ☐ c.
- ☐ d.
- ☐ e.

d

☐ stratified squamous epithelium
simple squamous epithelium
stratified cuboidal epithelium

سؤال 22

غير محسوب عليه بعد

الدرجة من 1.00

علم هذا السؤال

What is the first step of collagen production that occurs after the protein undergoes ?exocytosis

a Removal of the terminal nonhelical domains by peptidases

b Assembly of subunits to form a larger structure

c Disulfide bond formation

d Hydroxylation of lysine and proline

e Cross-linking of collagen fibrils with a short-linking collagen



الصفحة التالية



علم الأنسجة

English (en) / الطب البشري - قسم عام / الطب البشري / الفصل الثاني 21_20 / My courses

Desmosome has the following characters except

- ☐ a. is located only between epithelial cells
- ☐ b. is called macula adherens
- ☐ c. intermediate filaments inserted into the cytoplasmic face and protein plaque
- ☒ d. is a disk like attachment between cells
- ☐ e. is specialized for adhesion

Clear my choice

A



midterm histology ...



علم الأنسجة

الطب البشري - قسم عام / الطب البشري / الفصل الثاني 21_20 / My courses

Microscopic autoradiography is a method of localizing newly synthesized macromolecules in cells or tissue sections

Select one:

☐ True

☐ False

True

Type here to search



midterm histology ...

مسجة العام

قرراتي الدراسية / الفصل الثاني 21_20 / الطب البشري / الطب البشري - قسم عام /

Glycoproteins found in the matrix include all the following except

- .a ☐ tenascin
- .b ☐ chondronectin
- .c ☐ fibronectin
- .d ☐ dermatan sulfate
- .e ☐ laminin

D

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ENG

علم الأنسجة العام

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E

Gap junctions

- ☐ a. permit the passage of large proteins from cell to cell
- ☐ b. form part of the classical junctional complex
- ☐ c. exist only between epithelial cells
- ☐ d. have claudin proteins
- ☐ e. are areas of low resistance for nerve stimulation

earch



midterm histology ...



The function of free ribosomes is to synthesize

C

all of the above .A ☐

lipid .B ☐

cytoplasmic protein necessary for the cell own existence .C ☐

protein that will be secreted by the cell .D ☐

carbohydrate .E ☐

Which of the following connective tissue components is located in the ECM but not in the ground substance.

C

- Hyaluronan ☐ a
- GAGs ☐ b
- Collagen bundles ☒ c
- Fibronectin ☐ d
- Proteoglycans ☐ e

12

مادة علمية

من 1.00

تم هذا

ال

What is an important part of the role played by macrophages during main

- ☐ a. Secretion of MMPs
- ☐ b. Production of specific collagen subunits
- ☒ c. A sentinel function against invaders entering the ECM
- ☐ d. Storage for a major energy source needed for ECM maintenance
- ☐ e. Presentation of antigens important for assembly of collagen bundle

[Clear my choice](#)

مبدئياً A

Time left 0:05:43

Regarding simple columnar epithelium which statement is least descriptive?

- ☒ a.
- ☐ b.
- ☐ c.
- ☐ d.
- ☐ e.

Clear my choice

A

- may be keratinized
- the height of each cell is typically greater than its width
- may exhibit a microvillous border
- may contain goblet cells
- may have motile cilia

الوقت المتبقي 23:10

At the shaft of cilia or flagella there is an axoneme which is formed of nine pairs (doublets) and 2 central (singlet) microtubule

True

سؤال 5

غير محاب عليه
بعد

الدرجة من 1.00

٣ عليم هذا
السؤال

إختر واحداً:

☐ صح

☐ خطأ

الصفحة التالية

Ciliated stratified columnar epithelium is found in fornices of the conjunctiva

False

☐ a. false

☐ b. true

سؤال 1

غير مجاب عليه

عد

الدرجة من 1.00

٣ عليم هذا

السؤال

الوقت المتبقي 25:21

Exocrine glands producing largely enzymes (proteins) are called mucous glands and stain darkly with H&E due to the cells' content of RER and secretory granules.

False

true .a ☐

false .b ☐

الصفحة التالية



سؤال 2

غير مجاب عليه
بعد

الدرجة من 1.00

٣ عليم هذا
السؤال

Cytoplasmic basophilia is characteristic of cells that

- a. ☐ have abundant DNA in the cytoplasm
- b. ☐ are in the S stage
- c. ☐ are synthesizing large amounts of protein
- d. ☐ exhibit a well developed Golgi complex
- e. ☐ are actively producing steroid hormones

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ENG

11:32 AM
4/11/2021

2

الوقت المتبقي 0:26:42

Which one of the following junctions is characterized by the fusion of the outer leaflets of the cell membranes of adjacent cells?

a. ☐ macula adherens

b. ☐ tight junctions (zonula occludens)

c. ☐ desmosomes

d. ☐ zonula adherens

e. ☐ gap junctions

b

الصفحة التالية

الوقت المتبقي 0:20:13

Cells of stratified squamous epithelia move gradually from the basal to the surface layers, changing shape and becoming filled with keratin intermediate filaments.



True

☐ a. true

☐ b. false

سؤال 8

غير مجاب عليه
بعد

الدرجة من 1.00

٣ عليم هذا
السؤال

الصفحة التالية

عبطنا