

الوقت المتبقي 04:01

The basal bodies are MTOC associated with cilia and flagella, while the centrioles are MTOC associated with spindle apparatus formation. both basal bodies and centrioles are nine-triplets microtubules

اختر واحداً:

☐ صح

☐ خطأ

الصفحة التالية

Assembly and disassembly of α - β tubulin heterodimers occur more rapidly at the plus end than the negative end

إختار واحداً:

☐ صح

☐ خطأ

سؤال 1

غير مجاب عليه بعد

الدرجة من 1.00

علم هذا السؤال

The two largest compartments
in eukaryotic cells are the lumen
and the cytosol

إختر واحداً:

☐ صح

☐ خطأ

الوقت المتبقي 0:03:33

Proteins and lipids are modified into glycoprotein and a glycolipid, respectively, during their transit from the cis region to the trans region of the Golgi apparatus.

سؤال 1

غير مجاب عليه
بعد

الدرجة من 1.00

٣ علم هذا
السؤال

إختر واحداً:

☐ صح

☐ خطأ

الصفحة التالية

غير مجاب عليه بعد

الدرجة من 1.00

علم هذا السؤال

The walls of microtubules consist of longitudinal arrays of 13 protofilaments that arranged side by side to form the straight hollow rods of the microtubule structure.

إختبر واحداً:

☐ صح

☐ خطأ

الوقت المتبقي 03:20

The higher the ratio of volume to surface area the more efficient is the cell in exchanging a lot of material with their surroundings

اختر واحداً:

☐ صح

☐ خطأ

الوقت المتبقي 0:03:16

Dynein protein moves organelles toward the MTOC while Kinesin proteins move them away from the MTOC

إحتر واحداً:

☐ صح

☐ خطأ

الصفحة التالية

The larger the resolution, the better is the resolving power of the microscope

اختر واحداً:

صح ☐

خطأ ☐

الوقت المتبقي 0:02:49

Cytosolic microtubules could be found as singlets, doublets, or triplets, while axonemal microtubules exist as singlets and doublets only

إختار واحداً:

☐ صح

☐ خطأ

You are given a tissue of an unknown organism to study under the light microscope and find that it has no nuclear envelope or mitochondria. Without further investigation, which of the following would you expect it has?

none of the choices is correct .a ☐

lysosomes .b ☐

Endoplasmic reticulum .c ☐

chloroplasts .d ☐

centrosome .e ☐

Golgi apparatus .f ☐

ribosomes .g ☐

centrosomes .h ☐

علم هذا السؤال

Euchromatin are less compacted regions of eukaryotic chromosomes that represents the whole chromosome except centromere and telomeres.

Euchromatin are Transcriptionally active

إختتر واحداً:

☐ صح

☐ خطأ

Basal bodies are most closely associated with which one of the following cell components?

microfilaments .a ☐

ribosomes .b ☐

nucleus .c ☐

nucleolus .d ☐

Golgi apparatus .e ☐

mitochondria .f ☐

None of the choices is correct .g ☐



الوقت المتبقي 0:07:44

Basal bodies are most closely associated with cilia and flagella of animal cells and have similar structure of centrioles

إختر واحداً:

☐ صح

☐ خطأ

Larger cells have more surface area per unit of volume than smaller ones

إختار واحداً:

صح ☐

خطأ ☒

الوقت المتبقي 0:06:09

Mitochondria, chloroplasts, cytoplasm, and rough endoplasmic reticulum are possible sites of protein synthesis in a normal eukaryotic cell

إختر واحداً:

☐ صح

☐ خطأ

α -and β -tubulin subunits are fibrous proteins that noncovalently bound to form α - β -tubulin heterodimer for synthesis and polymerization of microtubules

إختار واحداً:

☐ صح

☐ خطأ

الوقت المتبقي 0:05:45

The walls of microtubules consist of longitudinal arrays of 13 protofilaments that arranged side by side to form the straight hollow rods of the microtubule structure.

إحتر واحداً:

☐ صح

☐ خطأ

الوقت المتبقي 0:03:59

The plasma membrane of a prokaryotic cell carries out some of the functions organelles perform in eukaryotic cells.

إحتر واحدًا:

☐ صح

☐ خطأ



In extending a cell membrane,
molecules that found on the
inside face of Golgi cis sac will
end up on the outside face
of Golgi trans sac

إِخْتَرِ وَاحِدًا:

صح ☐

خطأ ☐

Log phase is the fastest phase in microtubule synthesis

إختَر واحدًا:

صح ☒

خطأ ☐

The movement of eukaryotic flagellum is changed from slid into beating or wave movement due to a motor protein called radial spokes.

إختار واحداً:

☐ صح

☐ خطأ



smooth endoplasmic reticulum is abundant in pancreatic cells that synthesize large amounts of phospholipids

اختر واحداً:

☐ صح

☐ خطأ

الوقت المتبقي 0:02:31

Larger cells have more surface area per unit of volume than smaller ones

إختار واحداً:

☐ صح

☐ خطأ

سؤال 10

الوقت المتبقي 0:01:52

غير مجاب عليه بعد

الدرجة من 1.00

علم هذا السؤال

The ER is a network of flattened sacs and branching tubules that all interconnected by a single continuous membrane forming only one large cisternal space

إختار واحداً:

☐ صح

☐ خطأ

الوقت المتبقي 0:01:42

Smooth endoplasmic reticulum has the ability to sequester intracellular Ca^{2+} to more than 100 times the cytosolic Ca^{2+} concentration and then pumping it to extracellular region

إجتر واحداً:

☐ صح

☐ خطأ

العودة

الوقت المتبقي 0:01:12

Archaea is more closely related on a molecular basis, DNA replication . and protein synthesis systems to bacterial than eukaryotes

إختبر واحداً:

☐ صح

☐ خطأ

سؤال 9

غير محاب عليه
بعد

الدرجة من 1.00

٣ علم هذا
السؤال

الوقت المتبقي 0:07:33

Smooth endoplasmic reticulum has the ability to sequester intracellular Ca^{2+} to more than 100 times the cytosolic Ca^{2+} concentration and then pumping it to extracellular region

إختتر واحداً:

صح ☐

خطأ ☒

الصفحة التالية

الوقت المتبقي 0:06:40

proteins synthesis is performed by bound and free ribosomes that are interchangeable but having identical Svedberg sedimentation coefficient

إختَر واحدًا:

صح ☒

خطأ ☐

الصفحة التالية

الوقت المتبقي 0:07:48

α -and β -tubulin subunits are fibrous proteins that noncovalently bound to form α - β -tubulin heterodimer for synthesis and polymerization of microtubules

إختر واحداً:

صح ☐

خطأ ☒

الصفحة التالية

الوقت المتبقي 0:05:09

Mitochondria, chloroplasts, cytoplasm, and rough endoplasmic reticulum are possible sites of protein synthesis in a normal eukaryotic cell

إختَر واحدًا:

صح ☒

خطأ ☐

إنهاء المحاولة ...

الوقت المتبقي 0:06:19

Microtubules polymerize by the addition of α - β tubulin heterodimers at the plus end, while depolymerize by the breakdown of α - β tubulin heterodimers at the minus end

إختر واحداً:

صح ☐

خطأ ☒

الصفحة التالية

Dynein protein moves organelles toward the MTOC while Kinesin proteins move them away from the MTOC

إختَر واحدًا:

صح ☐

خطأ ☐

Proteins and lipids are modified into glycoprotein and a glycolipid, respectively, during their transit from the cis region to the trans region of the Golgi apparatus.

إختر واحداً:

☐ صح

☐ خطأ