

بسم الله الرحمن الرحيم

CELL BIOLOGY (Midterm- 2021)

إعداد:



1- Doctors want to create a treatment that targets the blood vessels of lung without affecting the blood vessels of liver, this represent?

=cell specificity

2-what of these are false about protein kinase?

=it is as second messenger

3-what of these are true about G-protein coupled receptors?

=activated when disconnect GDP

4-tyrosine kinase receptors?

=enzyme-linked receptors

5-ligand-gated ion channels?

=???

(انتوقع polar شي فيه)

6- hydrophilic ligands = transmembrane receptors

hydrophilic ligands = intracellular receptors

7-long-distance ligand= endocrine

8-intercalated disc = electrical synapse(gap junction)

9- cancer في سؤال عن ال-

10-protein in desmosomes?

=cadherin //desmoglein

بس حاس انه الاجابتين صح ؟؟؟؟ cadherin انا جاوبت

12-zonula adherens?

=actin filaments

13-leaky gut syndrome?

=tight junction

14-CAMs with ECM?

=integrin

15-CAMs with ECM?

=heterophilic

16-what of these are false about glycocalyx?

=exist in cytoplasmic side

17-pinocytosis?

-transport fluid in endocytosis

18-regulated secretion?

=stimulus-depended exocytosis

19-fluid mosaic model?

=integral protein floating like iceberg in sea

20-what of these are true about integral protein?

=ناسي الجواب...

21-cholesterol?

=control fluidity

22-what in these are not share between pro/eu-karyotic cells?

=nucleus

23-TEM في صورة الـ23

24-confocal microscope?

=the illumination is laser

25-healthy naked eye?

=0.2mm

26-phase contrast microscope?

=...reflective (اتوقع ---)

27-basement membrane//basal lamina?

=bind epithelial tissue with connective tissue

28-fixation?

=glutaraldehyde

29-coagulation and facilitate sectioning?

=fixation...

30-freezing sections?

=enzymatic studies...

31-orcein stain?

=elastic fibers

32-histochemical stains?

=selective enzyme

33-uses antibodies to check antigens?

immuno-histochemical stains

34-what of these is non basophilic?

=ribosomes

35-DNA-electrophoresis?

=study DNA fragment

36-FISH technique for?

=nucleic acid...

37-سؤال in vivo &in vitro...

38-immortalized cell line?

=proliferate indefinitely

لا يوجد أسئلة على محاضرة 6