



Endo – biochemistry

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Lecture 7

steroidogenesis

Done by :

Bashar Amer

biochem-lecture (7)

1. Which of the following contain 19 carbon atoms :

- A- Testosterone.
- B- Estrogen.
- C- Progesterone.
- D- Mineralocorticoid.
- E- Cortisol.

Answer: A

2. Deficiency in 11-beta hydroxylase can lead to :

- A- Decrease in aldosterone and cortisol.
- B- Salt wasting hypotension.
- C- Decrease renin.
- D- Decrease in aldosterone only.

Answer: D

3. Deficiency in 21-hydroxylase can lead to all of the following except?

- A) Excess adrenal androgens.
- B) Deficiency in cortisol and aldosterone.
- C) Ambiguous genitals.
- D) adrenogenital syndrome.
- E) Non of the following

Answer: E



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Lecture 8

Regulation of metabolism

Done by :

Bashar Amer

biochem-lecture (8)

1. Which of the following statement is correct about tyrosine kinase receptors :

- A- GRB2 binds to SOS with in turn interacts with the active ras.
- B- The first level of termination signals is degradation of the 2nd messenger.
- C- Ras is connected to the membrane by lipid anchor.
- D- SOS dissociation of GDP from adapter protein.
- E- Dimerization is not necessary to activate the receptor.

Answer: C