

# HLS-Pharmacology

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Archive

Lecture 8

anti-neoplastic drugs  
(part 2)

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# HLS- Pharmacology **Lecture 8**

المحاضرة كانت لدكتور يوسف السنة الماضية لهيك في اختلاف في بعض الاسئلة  
بس في اسئلة معنا

1) Which drug is most appropriate for a 65-year-old female patient with an estrogen-sensitive tumor and an allergy to aromatase inhibitors (AIs)?

- a. Tamoxifen
- b. Cisplatin
- c. Letrozole

**Ans: a**

مفروض ملغي

2) All the following about Trastuzumab are true EXCEPT?

- a. It antagonizes the vascular endothelial growth factor receptor.
- b. It is used for the treatment of metastatic breast cancer.
- c. It is administered intravenously.
- d. It's adverse effects include congestive heart failure, fever, and chills
- e. It induces cellular cytotoxicity

**Ans: a**

3) What monoclonal antibody is against vascular endothelial growth factor?

**Bevacizumab**

4) Which drug causes an increase in polymerization of tubulin?

**Paclitaxel**

5) Tyrosine kinase inhibitor?

**Imatinib**

# HLS- Pharmacology **Lecture 8**

6) A child with hearing loss after using an anti-neoplastic drug; this areflexia is associated with:

- a. Vincristine
- b. Vinblastine
- c. Cisplatin

**Ans: c**

7) One of these paired cytotoxic agents have similar mechanism of action?

- a. Vincristine and paclitaxel.
- b. Etoposide and paclitaxel.
- c. Docetaxel and paclitaxel.
- d. Docetaxel and etoposide.
- e. Vincristine and etoposide.

both ending with taxel

**Ans: c**

8) One of these cytotoxic agents shows high emetogenic potential?

- a. Vincristine.
- b. Chlorambucil.
- c. 6-Mercaptopurine.
- d. Cisplatin.
- e. None of the selection.

**Ans: d**

9) Vinca alkaloids exert antitumor activity by?

- a. Activating topoisomerase II to cause breaks in DNA strands.
- b. Crosslinking DNA strands.
- c. Inhibiting DNA mediated RNA synthesis.

# HLS- Pharmacology **Lecture 8**

d. Inhibiting polymerization of tubulin to form intracellular microtubules.

e. None of the selection.

**Ans: d**

10) Which of the following agents used in drug combination regimens to treat testicular carcinoma is most likely to cause nephrotoxicity?

a. Bleomycin.

b. Leuprolide.

c. Cisplatin.

d. Vinblastine.

e. Etoposide.

**Ans: c**

3) Which one the following is a Tyrosine kinase inhibitor?

a. Cisplatin

b. Tamoxifen

c. Irinotecan

d. Gefitinib

e. Paclitaxel

**Ans:d**