

# Week 2 Clinical Tips & Pearls

All Sections

No unread replies.No replies.

Hello NR546 students,

here are some clinical pearls and quiz bank rationales for you.

- G protein linked systems, one of the signal transduction cascades, pass the message from a first receptor to a second messenger .
- Glutamate is an excitatory neurotransmitter. (NEI glutamate video- the glutamate sisters)
- CYP 3A4 is one of the 5 most important NT which include CYP 1A2, 2D6, 2C9, 2C19, 3A4. Dosing adjustments may be required. Stahl p. 46-51.
- Smoking induces CYP1A2. Stahl p.48
- partial agonist- drug does not fully activate receptors; antagonist- drug binds to receptor but does not activate a response; inverse agonist- drug cause opposite effect of the agonist ;agonist- ;agonist- drug binds to the receptor and activates a biological response
- G protein Linked systems and ion channel linked cascades are triggered by neurotransmitters. Stahl p. 11
- Propagation of an action potential to the axon terminal is mediated by