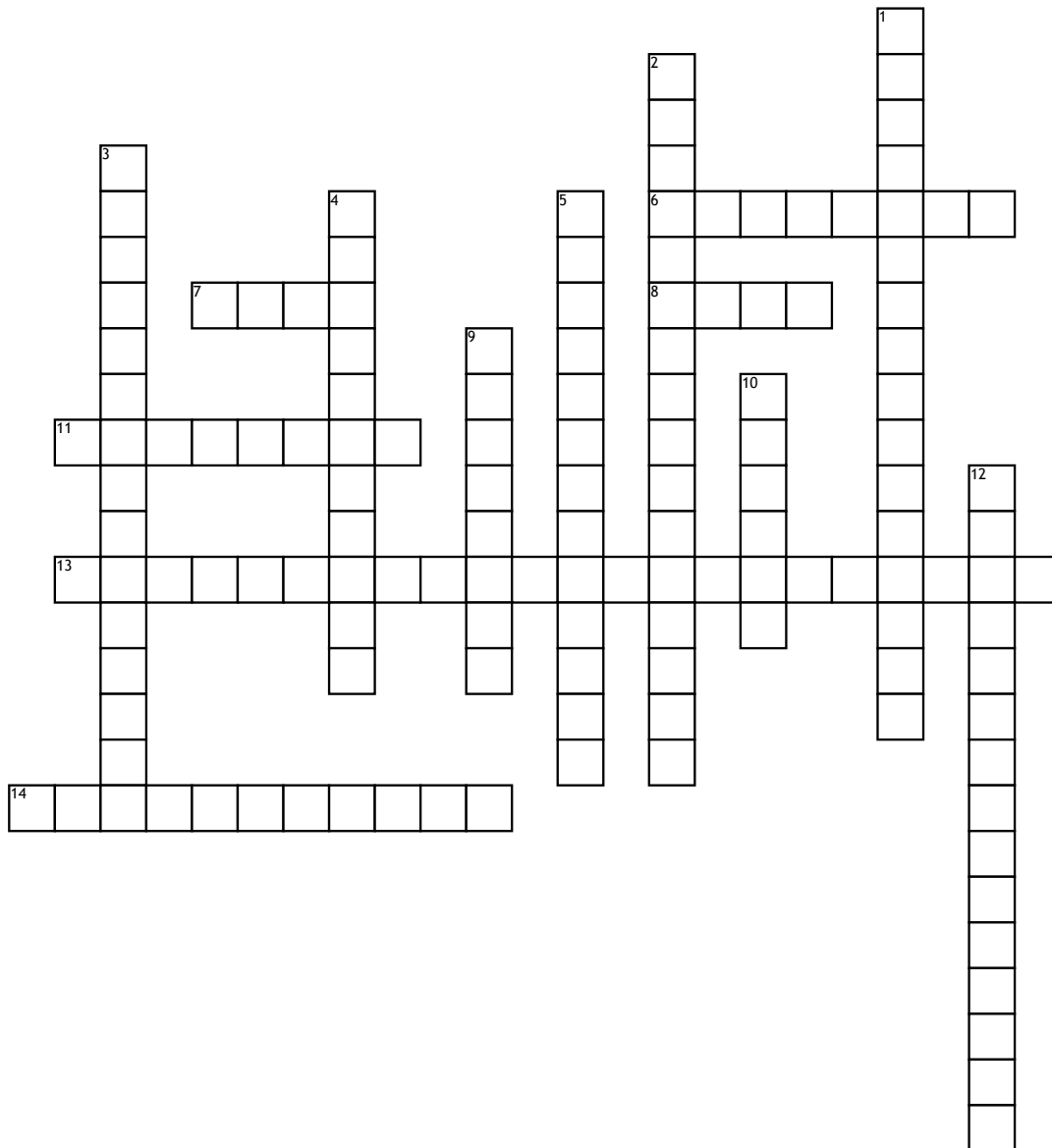


Mechanism of action



Across

6. This is a molecule on the surface of or within a cell that recognizes and binds with specific molecules, producing some effect in the cell.
7. This is a quantity of a drug administered at one time
8. This is the highest level of a drug in the body
11. The time is necessary for the body to eliminate half of the drug in the body at any time is known as?
13. Drugs often act like the chemical messengers described above to exert powerful and specific actions in the body.
14. these drugs do not trigger the cell's response in a manner similar to the action of the body's own chemical messenger.

Down

1. The length of time a drug is at this level is referred to as?
2. Optimum dosage yields a range of therapeutic effects, whereas under-dosing has little effect on the healing process and over-dosing can lead to toxicity and death.
3. Drugs taken orally must pass through the intestinal wall and traverse the liver before reaching systemic sites. This process is referred to?
4. To bind with a specific cell type, the messenger must have a chemical structure that is complementary to the structure of that cell's receptors. This property of a receptor site is known as?
5. As greater doses of a drug are given, a greater response is noted until a point is reached when the response no longer increases with increased dosing.
9. these drugs trigger the cell's response in a manner similar to the action of the body's own chemical messenger.
10. This is the lowest level of a drug in the body known as?
12. The fraction of the administered dose that is available to the target tissues is an expression of what drugs?