

Key

Use with textbook pages 112-114.

Disorders of the immune system

Vocabulary

AIDS	dead
allergy	helper T cells
allergen	histamine
allergic reaction	HIV
antibodies	killer T cells
antigens	live
antihistamine	memory
B cells	vaccine
bodily fluids	

Use the terms in the vocabulary box to fill in the blanks. Use each term only once. You will not have to use every term.

1. A(n) vaccine is a weakened or dead form of a disease pathogen that is given to a person by needle or by mouth.
2. Once the vaccine is in the body, the immune system makes antibodies against the antigens in the vaccine.
3. Antibodies made to fight the dead form of a pathogen will defend you if you are exposed to the live form of the pathogen.
4. Sometimes, you are given additional vaccines later in life to help extend the immune system's memory for that antigen.
5. If your immune system is too sensitive you may have a(n) allergy to a substance, such as dust or mould.
6. In a(n) allergic rxn, the immune system releases a chemical called histamine to combat allergens.
7. A(n) antihistamine drug can help reduce the effects of histamine.
8. Any substance that causes an allergic reaction is called a(n) allergen.
9. AIDS is caused by a dangerous pathogen called HIV which attacks the helper T cells.
10. Without the helper T cells, the body cannot trigger the action of the killer T cells or the B cells.

Use with textbook page 114.

True or false?

Read the statements about your immune system given below. If the statement is true, write "T" on the line in front of the statement. If it is false, write "F" and rewrite the statement to make it a true statement.

1. F If you have already been vaccinated, you do not need to be vaccinated again.

"booster" shots

2. F HIV is transmitted only by semen.

semen or blood

3. F A vaccine is a live form of a disease pathogen.

↓
dead

4. F An antigen causes an allergic reaction.

↑
allergen

5. T Histamine makes the nose run and the eyes water.

6. F AIDS is caused by a bacteria called HIV.

virus

7. T There is no known cure for AIDS.

8. T HIV attacks the helper T cells.