

Immune System Interactive Physiology Worksheet

The Immune System: Immune System Overview

1. Pathogens are classified according to their size and where they are located in the body. List the five types of pathogens from largest to smallest:

- _____
- _____
- _____
- _____
- _____

2. Which type of pathogen is always intracellular? _____
 Which type of pathogen is always extracellular? _____

3. Name the three main lines of defense and give an example of each:

Line of defense	Example

4. When the surface barriers (innate external defenses) are penetrated, what is the next line of defense? _____

5. This defense mechanism (named in question 6) identifies enemies by recognizing _____ unique to the pathogens. When they are overwhelmed, they secrete _____ to mobilize the adaptive defenses.

6. Name the four key ways adaptive defenses differ from innate defenses:

- _____
- _____
- _____
- _____