Part I: Introduction to Immunity

1) What is the function of the immune system?

2) What is an antigen? A pathogen?

3) Compare specific and non-specific defenses.

4) Why is skin considered a non-specific defense?

5) In what two ways does fever help the body fight infection?

6) Why should people wash breaks in the skin with soap and water?

7) Compare active and passive immunity.
Macrophage destroying invading bacteria through phagocytosis

1. Macrophage membrane fusing with pseudopodium.
2. Bacteria contained within pseudopodium.
3. Bacteria destroyed and digested within phagolysosome.
4. Lysosome fusing with pseudopodium.
5. Bacteria destroyed and released with phagolysosome.
6. Bacteria remain inside pseudopodium.

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