Immune System

- 1. Defends against pathogens and distinguish from body cells
- 2. Functional system rather than organ system
- 3. Innate or nonspecific and adaptive or specific defenses
- 4. Innate system
 - a. Surface barriers: skin and mucous membranes
 - b. Antimicrobial proteins and phagocytes
- Internal defenses: natural killer cells, fever, and i. 5. Adaptive(specific immunity) otesale.co.uk
 a. B cells 16.0000
- - B cells (Iu What immunity) and T cells(cellular immunity)
- se and takes longer to activate that innate

system

- c. Pathogen "memory" (ex: vaccination)
- 6. Immune system lines of defenses
 - a. Physical and chemical barriers keep invaders out
 - b. Invaders are "arrested" if the breach
 - c. Specialized forces identify and attack invaders
- 7. Surface barriers(skin)