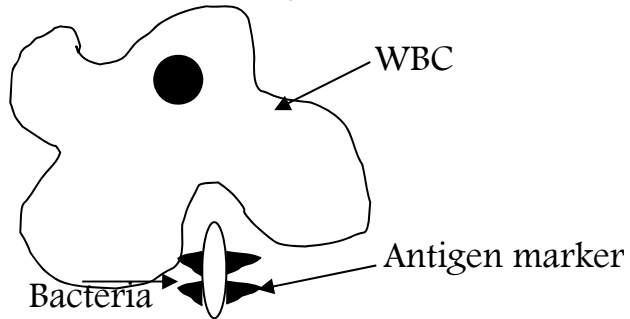
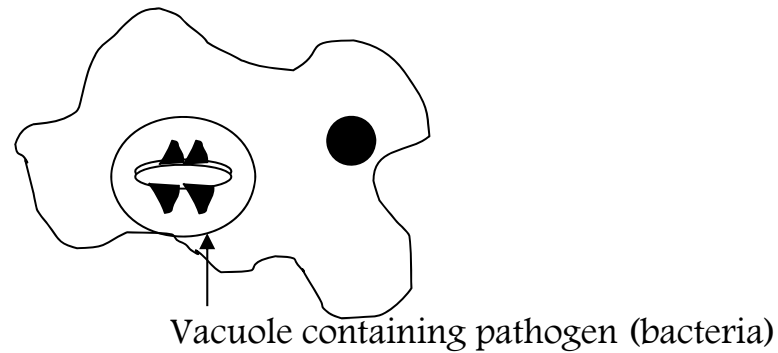


Immune Response

STEP 1: Macrophage recognizes bacteria as foreign by surface antigen markers

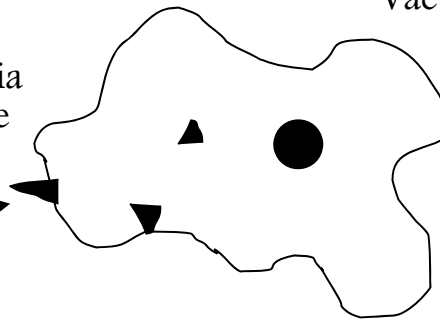


STEP 2: WBC engulfs bacteria and a vacuole around the pathogen



STEP 3: Phagocyte destroys bacteria
Wears the bacterial antigen on the surface of its cell (like a prize)

Antigen marker from destroyed bacteria



Now that the immune system is alerted to the presence of a pathogen inside the body, a specific immune response begins that involves specific **T and B LYMPHOCYTES**.

HELPER T CELL

binds to the bacteria antigen on the surface of the activated phagocyte

