

[illegible]

Phagocytosis

Phagocytosis is the process by which a cell engulfs a large particle, such as a bacterium or a dead cell, and digests it. This process is carried out by specialized cells called phagocytes, which include macrophages, neutrophils, and dendritic cells. The process involves the cell membrane extending to surround the particle, forming a vesicle called a phagosome. The phagosome then fuses with a lysosome, which contains digestive enzymes that break down the particle into smaller molecules that can be used by the cell.