

Keywords and Phrases for Concept Map on the Lysogenic Life Cycle of Bacteriophages

A bacteriophage-coded lysozyme breaks down the bacterial peptidoglycan causing osmotic lysis and release of the intact bacteriophages.

Attachment sites on the bacteriophage adsorb to receptor sites on the host bacterium.

Bacteriophage genes are activated and new phages are produced by the lytic life cycle.

Temperate bacteriophages

The bacteriophage replicates its genome and uses the bacterium's metabolic machinery to synthesize phage enzymes and phage structural components.

The bacteriophage DNA inserts or integrates into the host bacterium's DNA.

The bacteriophage injects its genome into the bacterial cytoplasm.

The bacteriophage parts assemble around the genomes.