



Diagram illustrating the process of bacterial transformation and phage infection:

- ADN de ligación** (Ligation DNA) and **Bacterias** (Bacteria) are combined.
- Choque de calor** (Heat shock) is applied.
- Bacteria transformada** (Transformed bacteria) is shown.
- Plásmido** (Plasmid) is extracted from the transformed bacteria.
- Plásmido correcto** (Correct plasmid) is identified.
- Colonia** (Colony) is grown on a plate with **+Antibiótico** (Antibiotic).
- Proteínas** (Proteins) and **Plásmidos** (Plasmids) are shown.

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Diagram illustrating the steps of phage infection:

1. Phage attaches to the bacterial cell.
2. Phage injects its DNA into the bacterial cell.
3. Phage DNA replicates within the bacterial cell.
4. New phage particles are synthesized.
5. New phage particles are released from the bacterial cell.
6. New phage particles infect other bacterial cells.

Legend: ■ Bacterial DNA ■ Viral DNA