

Samples of spoiled
plant-based food



Isolation of bacteria



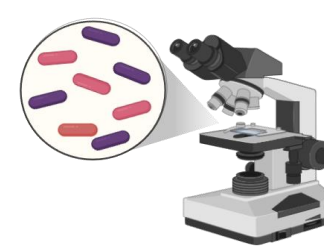
Purification by the
cross-streak method



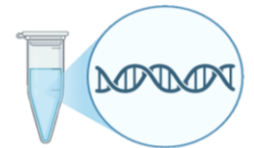
Macroscopic
characterization



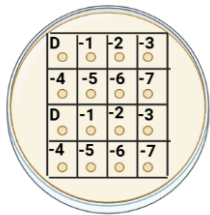
Microscopic
characterization



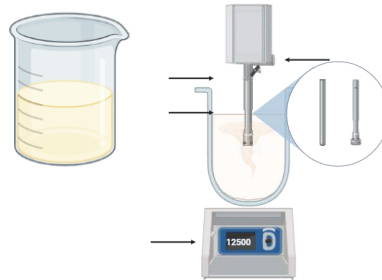
Genomic DNA
extraction



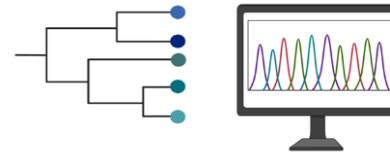
In vitro antibacterial
activity



Preparation of oregano
essential oil emulsion



Phylogenetic analysis based
on partial 16S rRNA gene



PCR amplification
of partial 16S rRNA

