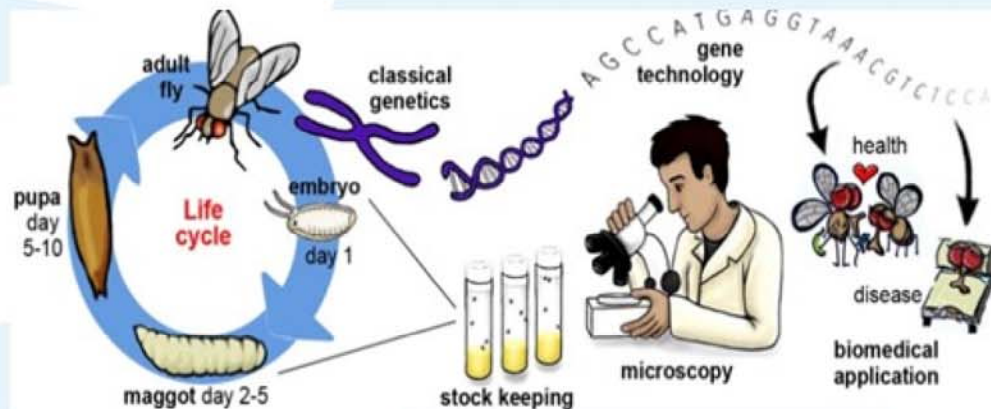


The Effects of the Microbiome on Epigenetics in *Drosophila*

This study focuses on investigating the effect of microbiome on the epigenetic changes in the fruit fly *Drosophila melanogaster*. The flies will be fed with specific bacterial strains then analyzed for methylation patterns on the DNA using a tool called Nanopore Sequencing. This study is important to the scientific community because it is finding out how the microbiome influences the health of individuals.

This image offers a small summary of what the daily life is like in the lab, from caring for the flies to sequencing their DNA to look for answers to some diseases.



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