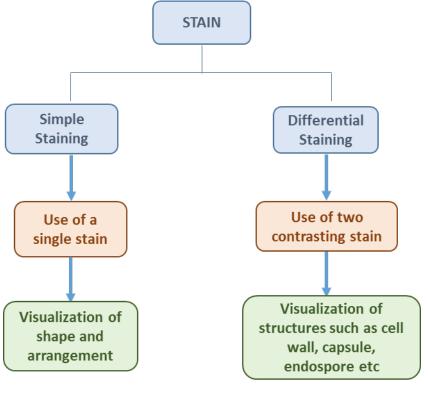
Name:

## Lab 4: Simple Staining

## **Learning Objectives:**

- · To learn about principle of staining
- · To learn the process of simple stain
- To prepare wet mount slides



In light microscopy, colored dyes, called stain contrast between the specimen and the back specimen. Staining makes visualization of the increased contrast. This is crucial for specime transparent. Bacteria, due to their size are dilight microscope without staining. Stains conspecific color. In addition, the stains may bind charges present.

In simple staining, only one type of stain is use allows the user to observe size, shape and are Acidic stains are negatively charged and bind structures in the cells. Basic stains are positive negatively-charged structures, such as nuclei components. Basic stains such as Crystal viole Methylene