

MICROBIOLOGY EXPERIMENT OF BACTERIA

GUIDED BY

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LABORATORY RULES AND REGULATIONS

Safety is the most important when entering the lab and doing microbiological experiments.

LABORATORY RULES AND REGULATIONS

- wear lab coats when entering the lab to protect your clothing from being contaminated
- **do not** eat, drink, or chew gum in the laboratory
- take pens, lab report papers that are necessary for the experiment with you into the lab

LABORATORY RULES AND REGULATIONS

- do the experiment according absolutely to the laboratory regulations and to what the teachers have taught you
- handle all culture media and cultures carefully as potential pathogens
- use alcohol burner carefully to avoid fire hazard
- wash your hands after you finish working

EXPERIMENT 1

Microscopic Morphology of Bacteria

SECTION 1

MORPHOLOGICAL OBSERVATION OF BACTERIAL CELLS

- Individual bacterial cell exhibits various morphologic features typical of their species.

--The measurement unit of bacterial cell is **micrometer** (μm).

--Bacteria are classified into

Cocci, ball-shaped bacteria,

Bacilli ,rod-shaped bacteria,

Spirals, spiral bacteria.

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