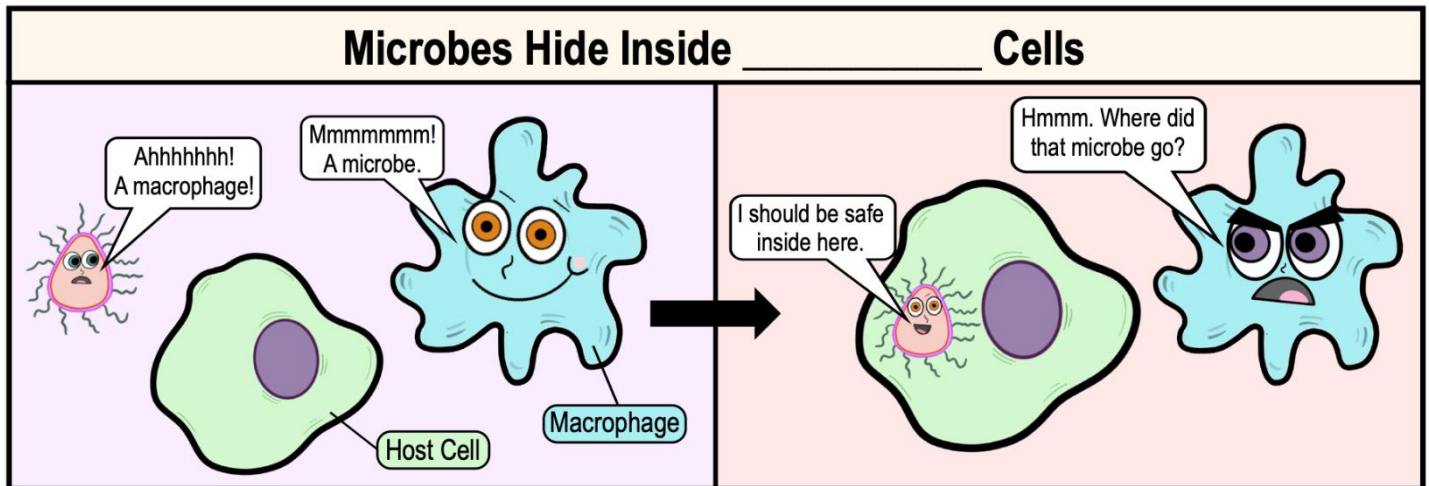


**CONCEPT: 1) HIDE WITHIN HOST CELLS**

- Certain pathogens can evade the host defense mechanisms by \_\_\_\_\_ inside host cells.
  - Protects pathogen from antibodies & phagocytic cells.



**PRACTICE:** Certain pathogens, like *Staphylococcus aureus*, hide within host cells to avoid being phagocytosed by immune cells. What other advantageous reasons would a pathogen have for hiding within host cells?

- Avoid being bound by antibodies.
- Avoid being bound by opsonization proteins like C3b.
- Avoid triggering the complement system.
- The pathogen can lie dormant until an opportune time to cause disease.
- All of the above.

**PRACTICE:** Intracellular pathogenesis refers to:

- The metabolic processes that occur inside of pathogenic bacteria.
- Pathogens establishing an infection within host cells.
- The intracellular defense mechanisms host cells have to prevent infection.
- None of the above.