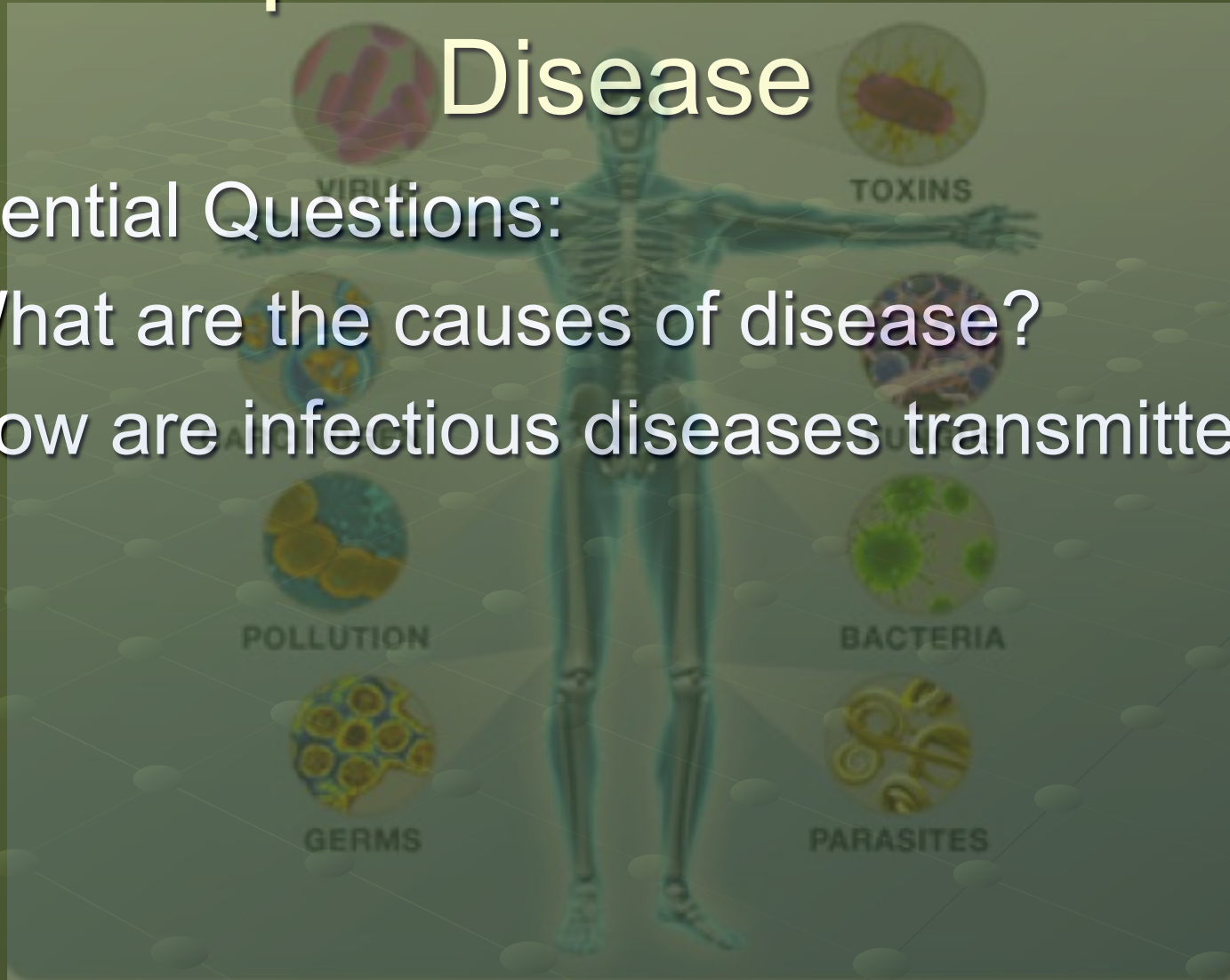


Chapter 40-1: Infectious

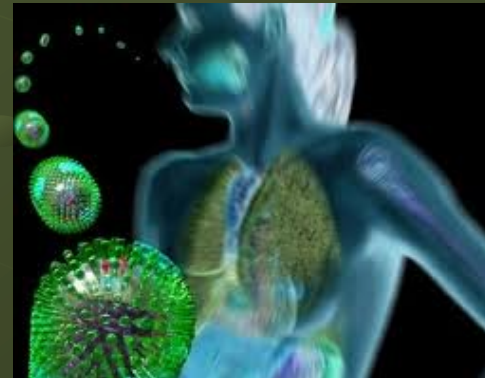
Disease

Essential Questions:

- What are the causes of disease?
- How are infectious diseases transmitted?



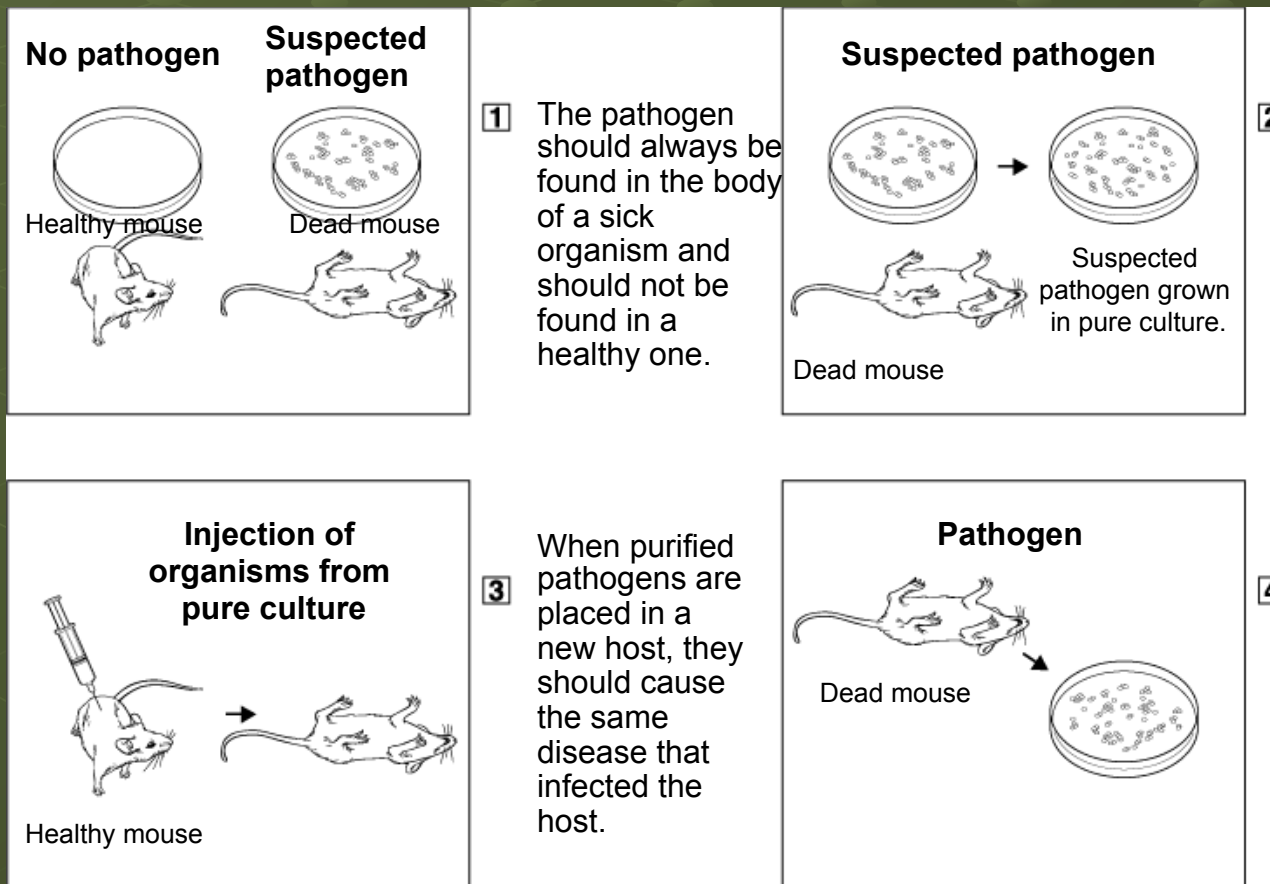
- Disease: any change besides injury that disrupts normal body function
 - Inherited
 - caused by environmental factors (toxins)
 - caused by agents (bacteria/virus/fungus)
 - *pathogens*



● Germ theory of disease

■ Diseases caused by microorganisms (germs)

● Koch's postulates



● Agents of disease

- Viruses
- Bacteria
- Protists
- Worms
- Fungi



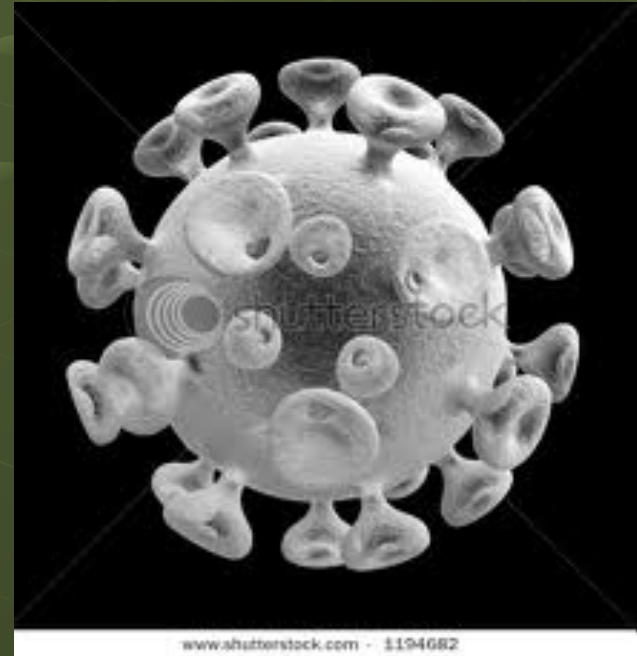
- How diseases are spread
 - Cough or physical contact
 - contaminated food or water
 - infected animals
 - Vectors



■ Sexually transmitted diseases

- Bacterial

- viral



● Fighting infectious diseases

- Prevention!
- Antibiotics
- Antivirals

