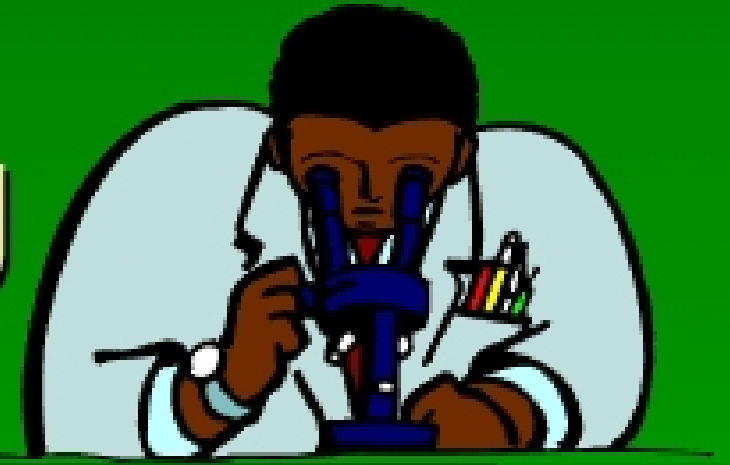


Chapter 14

Infectious & ST Diseases



5 Pathogens (Disease Producing Agents)

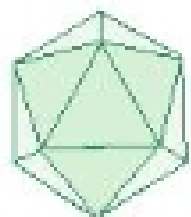


1. Viruses
2. Bacteria
3. Fungi
4. Protozoa
5. Metazoa

Pathogen

Examples

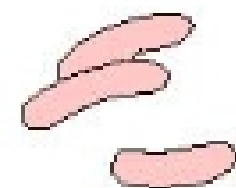
Viruses



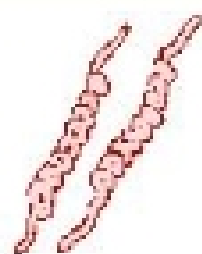
Poliovirus
0.03 micrometers
in diameter

Common cold
Influenza
Poliomyelitis
Hepatitis B
Herpes
HIV/AIDS
Chicken pox
Mononucleosis
(Epstein-Barr)

Bacteria



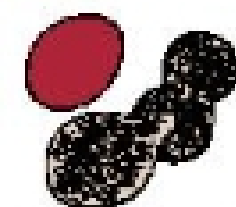
Tuberculosis bacilli:
3 micrometers long



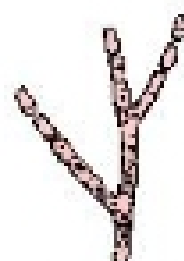
Syphilis spirochetes:
10 micrometers long

Tuberculosis
Strep throat
Gonorrhea
Syphilis
E. coli

Fungi



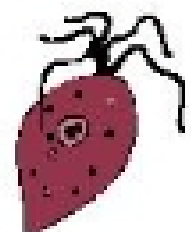
Yeast: causes vaginal
infections; 5-30
micrometers long



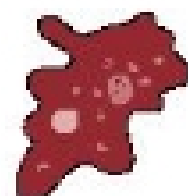
Mold: causes athlete's
foot, ringworm, and
jock itch

Candidiasis
(yeast infection)
Ringworm
Athlete's foot

Protozoa



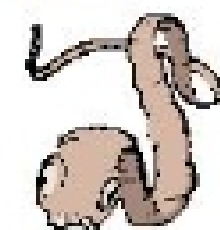
Trichomonas: causes
genital tract infections;
50-100 micrometers long



Amoeba:
causes amoebic
dysentery

Trichomoniasis
(sexually
transmitted
disease)

Metazoa (Helminths or parasitic worms)



Tapeworm
up to several meters long

Pubic lice
Tapeworm

Understanding Infection