

Bacteria and Fungi via Urogenital Tract

1. Introduction
2. Urinary Tract Infections (UTI's) (pp. 749 - 768)
 - *Escherichia coli*
 - A. Urethritis (p. 752)
 - B. Cystitis (p. 752)
 - C. Urethrocystitis
 - D. Prostatitis
 - E. Pyelonephritis (p. 752)
 - Glomerulonephritis
 - G. Vaginitis
 - H. Toxic Shock Syndrome
 - i. *Staphylococcus aureus*
3. Non Sexually Transmitted Disease Producing Organisms
 - A. *Trichomonas vaginalis* (p. 766 - 768)
 - i. Trichomoniasis

4. Sexually Transmitted Disease Producing Organisms

A. *Neisseria gonorrhoeae* (pp. 754 - 756)

- i. General Characteristics - Gm (-)
- ii. Diseases
 - a. Females
 - Pelvic Inflammatory Disease (p. 755)
 - Salpingitis (p. 758)
 - b. Males
 - Dysuria
 - c. Infants - Gonorrheal Ophthalmia Neonatorum
 - d. Other complications
- vi. Chemotherapy and Resistance
- vii. Vaccine

B. *Treponema pallidum* (pp. 758 - 762)

- i. Syphilis Primary Stage - Chancre

- ii. Syphilis Secondary Stage
 - a. Latent Period

- iii. Syphilis Tertiary Stage
 - a. Gummas

- iv. Congenital Syphilis

C. *Haemophilus ducreyi* (p. 762)

- i. Cancroid

5. Sexually Transmitted Viral Diseases

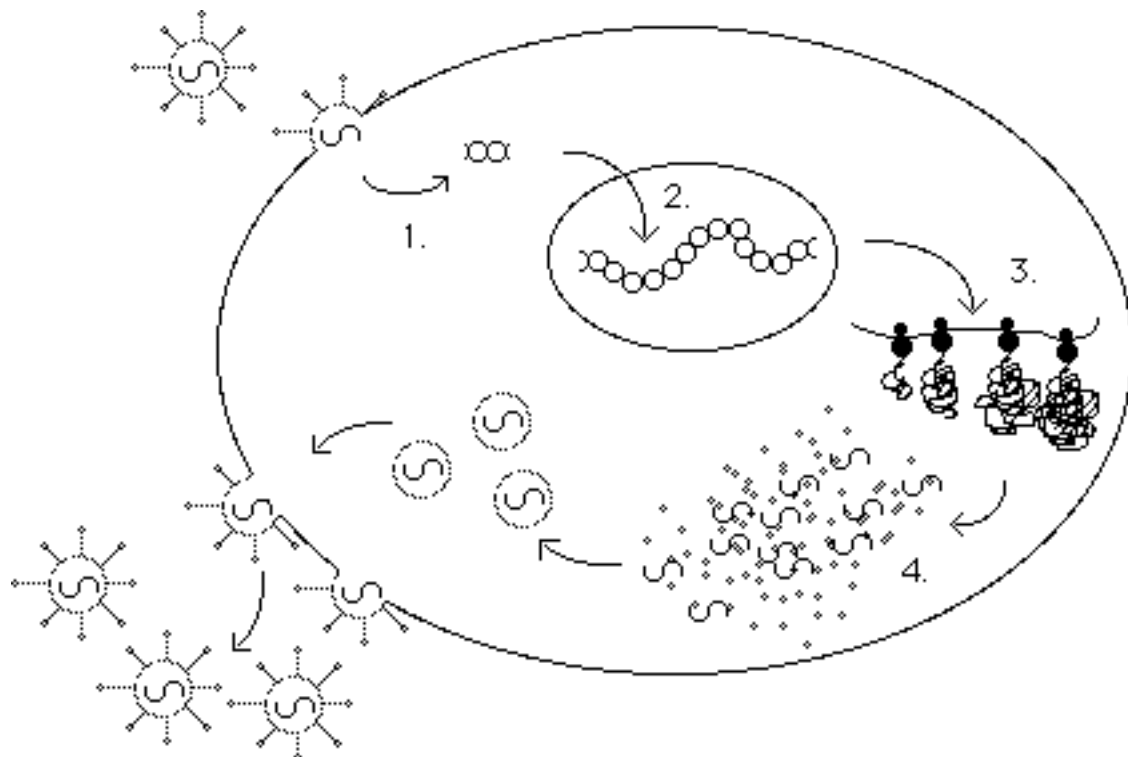
A. Herpes Simples Virus Type 1 (HSV-1) and Type 2 (HSV-2)

(p.763 - 764)

B. Human Immunodeficiency Virus (HIV) (pp. 545 - 554) -

i. Introduction

ii. Viral Cycle and Chemotherapy



iii. Chemotherapy

- a. Protease inhibitors
- b. Reverse transcriptase Inhibitors
- c. Integrase Inhibitors

iii. Stages of Disease

- a. Stage 1
 - Acute Infection
- b. Stage 2
 - Asymptomatic
- c. Stage 3
 - Persistent Generalized Lymphadenopathy
- d. Stage 4
 - Symptomatic HIV Infection
 - Acquired Immune Deficiency Syndrome (AIDS)

5. Fungal Diseases

- A. *Candida albicans* (pp. 765 - 766)