

Scientific Names, Diseases, and Drugs	Vocabulary and Concepts
<i>Streptococcus pneumoniae</i> <i>Streptococcus mutans</i> <i>E.coli</i> O157:H7 (EHEC) <i>E.coli</i> O104:H4 (EHEC) <i>Limulus</i> <i>Mycobacterium</i> <i>Mycoplasma pneumoniae</i> <i>Streptococcus pyogenes</i> <i>Streptomyces griseus</i> <i>Streptomyces erythreus</i> <i>Borrelia burgdorferi</i> <i>Treponema pallidum</i> <i>Candida albicans</i> <i>Epidermophyton</i> <i>Trichophyton</i> <i>Microsporum</i> <i>Malassezia</i> Dental cavities (caries) Shock (hypotension) Hemolytic uremic syndrome (HUS) Fever – pyrexia (know the stages) TB & Hanson's disease Walking pneumonia Strep throat (streptococcal pharyngitis) Necrotizing fasciitis Scarlet fever Lyme disease Erythema migrans AGS (Alpha gal syndrome) Syphilis Rash Lesions Cutaneous mycoses Candidiasis (yeast infection) Tinea pedis (athlete's foot) Tinea cruris (jock itch) Tinea capitis (scalp itch) Tinea barbae (beard itch) Tinea corporis (ringworm) Dandruff Fluoride Penicillin Loperamide ("Imodium AD")	Prokaryotes vs. eukaryotes Nucleoid Chromosome Plasmids Horizontal gene transfer (know the Griffith experiment) Capsules Encapsulated and non-encapsulated Transformation DNA → mRNA → Amino acids (proteins) Transcription Translation Biofilms Cariogenic Lactic acid from <i>S. mutans</i> Gnotobiotic Penicillinase Antibiotic resistance Peptidoglycan Lipopolysaccharide (LPS) Lipid A Toxin Shock Enterohemorrhagic Limulus amoebocyte lysate assay (LAL) O polysaccharide (O) Flagella proteins (H) Mycolic acid Phagocytosis M protein Pyrexia (know stages) Vasoconstriction Vasodilation Ribosomes 30S, 40S, 50S, 60S ribosome subunits Half-life calculations Pili Conjugation Axial filaments Lateral flow immunochromatographic assay Antigens Antibodies Nucleus Paired chromosomes Ergosterol Dermatophytes

Acetaminophen ("Tylenol") Ibuprofen ("Advil") Naproxen ("Aleve") Aspirin Streptomycin Erythromycin Miconazole ("Monistat") Clotrimazole ("Lotrimin") Pyrithione zinc	Phagocytic leukocytes (white blood cells) Chemotaxis
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