

Scientific names, diseases, drugs, antimicrobial chemicals	Vocabulary and concepts
<p><i>Streptococcus pneumoniae</i> <i>Limulus</i> <i>Mycobacterium tuberculosis</i> <i>Mycobacterium leprae</i> <i>Streptococcus pyogenes</i> <i>Streptomyces griseus</i> <i>Streptomyces erythreus</i> <i>E. coli</i> <i>Neisseria gonorrhoeae</i> <i>Treponema pallidum</i> <i>Borrelia burgdorferi</i> <i>Mycoplasma</i> <i>Corynebacterium diphtheria</i></p> <p>Gonorrheal neonatal ophthalmia Strep throat Necrotizing fasciitis Syphilis Lyme disease Walking pneumonia Diphtheria Tetanus Pertussis Diphtheritic cervical lymphadenopathy</p> <p>Penicillin Streptomycin Erythromycin Amoxicillin Doxycycline</p> <p>Bisphenolics: Triclosan “Lysol” (o-phenyl-phenol) Phenol “Nolvasan” (Chlorhexadine)</p> <p>Alcohols: “Rubbing alcohol” (isopropyl alcohol) Hand sanitizer “drinking alcohol” (ethyl alcohol) Beer, wine, liquor Tinctures Tincture of iodine and Tincture of propolis</p>	<p>Disinfectant and antiseptic Topical application Oligodynamic action Prokaryotes vs. eukaryotes Binary fission Sexual reproduction Asexual reproduction Generation time Plasmids Chromosomes Antibiotic resistance Transcription and translation DNA, mRNA, amino acids, proteins Enzymes Penicillinase Horizontal gene transfer Nucleoid Nucleus Biofilms Capsules Glycocalyx Griffith’s experiments with mice Virulent Cell walls Peptidoglycan Lipopolysaccharide (LPS) Lipid A Endotoxin Limulus amoebocyte lysate (LAL) assay Mycolic acid M protein Antiphagocytic Phagocytosis Ribosomes 30S, 40S, 50S, 60S, 70S, 80S subunits Svedberg units Half-life (and calculations) Pili Axial filaments Symptoms Signs Erythema migrans FTA-Abs Antibody and antigen</p>

<p>Halogens: “Betadine” Iodine “Clorox” (sodium hypochlorite) Chlorine bleach</p> <p>Oxidizing agents: Hydrogen peroxide “Clearasil” (benzoyl peroxide) Ozone</p> <p>Heavy metals: Silver nitrate “Mercurochrome” (mercury) Zinc chloride</p> <p>Quats (Quaternary ammonium compounds): Bactine” (benzalkonium chloride)</p> <p>Aldehydes: Formaldehyde “Cidex” (glutaraldehyde)</p>	<p>Fluorochromes U.V. light microscope Test strips Lateral flow immunochromatographic assay Test and control lines Metachromatic granules (volutin) DTaP vaccine Pseudomembrane Iditarod race</p>
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