

Scientific names, diseases, and drugs	Vocabulary and concepts
<i>Mycobacterium tuberculosis</i> (tuberculosis)	Simple stain (methylene blue, safranin)
<i>Mycobacterium leprae</i> (leprosy)	Negative stain (India ink, nigrosin)
<i>Clostridium</i>	Differential stain
<i>Bacillus</i>	Gram stain (crystal violet, iodine, alcohol, safranin)
<i>Bacillus anthracis</i> (anthrax)	Mordant
<i>Klebsiella pneumoniae</i> (pneumonia)	Decolorizer
<i>Corynebacterium diphtheriae</i> (diphtheria)	Counterstain
<i>E. coli</i> (EHEC) O157:H7 and O104:H4	Lipolysaccharide (LPS)
<i>Neisseria gonorrhoeae</i> (gonorrhea, an STD)	Acid-fast stain (AF)
<i>Streptococcus mutans</i> (dental caries)	Endospore stain and endospores
<i>Clostridium tetani</i> (tetanus)	Capsule stain and capsules
<i>Clostridium difficile</i> (GI infection)	Flagellar stain and flagella
<i>Clostridium botulinum</i> (botulism, infant hyoptonia)	Motility
<i>Streptomyces griseus</i>	Nucleoid
<i>Streptomyces erythreus</i>	Plasmids
<i>Trichophyton</i> (cutaneous mycosis)	Peptidoglycan
<i>Microsporum</i> (cutaneous mycosis)	Monomorphic and pleomorphic
<i>Epidermophyton</i> (cutaneous mycosis)	Diphtheritic cervical lymphadenopathy
Tinea pedis (athlete's foot)	Pseudomembrane
Tinea capitis (scalp itch)	Enterohemorrhagic
Tinea manuum (hand itch)	Verotoxin
Tinea barbae (beard itch)	H (flagellar proteins)
Tinea cruris (jock itch)	O (cell wall carbohydrates)
<i>Cryptosporidium</i> (Cryptosporidiosis)	Fimbriae
<i>Entamoeba histolytica</i> (Amoebiasis)	Glycocalyx and biofilm
<i>Balantidium coli</i> (Balantidiosis)	Cariogenic
<i>Giardia lamblia</i> (Giardiasis)	Hydrolyze
<i>Trypanosoma</i> (Trypanosomiasis)	Snyder test
<i>Toxoplasma gondii</i> (Toxoplasmosis)	Gnotobiotic rats
<i>Leishmania</i> (Leishmaniasis)	Limulus amoebocyte lysate (LAL) assay
<i>Trichomonas vaginalis</i> (Trichomoniasis)	Dessication
Penicillin	Half-life
Loperamide ("Imodium")	Peroxisomes
Fluoride	Catalase
Botox	Lysosomes
Streptomycin	Phagocytosis
Erythromycin	Ribosomes (30S, 40S, 50S, 60S, 70S, 80S)
Clotrimazole ("Lotrimin")	Svedberg units
Miconazole ("Monistat" and "Desenex")	Biological prospectors
dTap vaccine	Mycoses and dermatophytes
Hemolytic-uremic syndrome (HUS)	Ergosterol and cholesterol
Ringworm	Fontanelle
Diarrhea	Skin turgor
Dysentery	Capillary refill
Gastroenteritis	Tachycardia

Dehydration Amoebic dysentery Balantidial dysentery Chagas disease and Romañas eye Sleeping sickness and Winterbottom’s sign Floppy baby syndrome	Hypotension Tachypnea Oral rehydration therapy (ORT) Tryptophol Kissing bug, tsetse fly, and sand fly
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