

<b>Microbes, diseases, and antimicrobial chemicals</b>	<b>Vocabulary, concepts, and culture media</b>
<i>Trichinella</i>	Agar (polysaccharide)
<i>Propionibacterium acnes</i>	( $\alpha$ ) Alpha hemolysis
<i>Salmonella enterica</i> Typhi	( $\beta$ ) Beta hemolysis
Typhoid	( $\gamma$ ) Gamma hemolysis
<i>Streptococcus pneumoniae</i>	Erythrocytes
<i>Streptococcus pyogenes</i>	Heme
Strep throat	Biliverdin
Necrotizing fasciitis (NF)	Bilirubin
Jaundice	Urobilinogen
Hyperbilirubinemia	Bili light
Fecal coliforms	Sterilization
<i>E. coli</i>	Disinfection and disinfectants
Gonorrheal neonatal ophthalmia	Antisepsis and antiseptics
H1N1	Degerming
Swine flu, Spanish flu	Sanitization
Oral herpes	Pasteurization
Herpes simplex virus-1 (HSV-1)	Moist heat (steam, boiling water)
Cold sores	Dry heat (oven, incineration)
Genital herpes	Radiation (ultraviolet light, gamma radiation)
HSV-2	Filtration
Chickenpox, shingles	HEPA filter
HSV-3	Osmotic pressure
VZV (varicella-zoster virus)	Estrogen mimic
Lesions	MIC (Minimum inhibitory concentration)
Rash, blisters	Virus, viroid
Mononucleosis	Nucleic acid (DNA or RNA)
"Mono" or "kissing disease"	Virus envelope
HSV-4	Capsid, capsomeres
Warts and papillomas	Helical virus
Human papillomavirus (HPV)	Icosahedral virus
Tumor	Complex virus
Cervical cancer	Hemagglutinin
Viral hepatitis	Neuraminidase
HepA (HAV), HepB (HBV), HepC (HCV)	Antigenic shift
Common cold	Lytic cycle (know the steps)
Rhinovirus	Uncoating
Upper respiratory tract (URT)	Lysis
Flu	Budding
influenza	Latency (know the steps)
Triclosan	Provirus
"Lysol"	Complex media
Chlorhexadine ("Nolvasan")	Chemically-defined media
Alcohols	Selective media
Isopropyl alcohol ("Rubbing alcohol")	Bismuth sulfate agar

Ethanol	Differential media
Hand sanitizers	Blood agar
Tincture	Selective and differential agar
Halogens	MacConkey Agar
Iodine ("Betadine")	
Chlorine ("Clorox")	
Sodium hypochlorite, sodium chloride	
Peroxides	
Hydrogen peroxide	
Benzoyl peroxide	
QUATS (Quaternary ammonium compounds)	
Benzalkonium chloride ("Bactine")	
Heavy metals	
Silver nitrate	
Mercury ("Mercurochrome")	
Zinc chloride	
Aldehydes	
Formaldehyde ("Formalin")	
Glutaraldehyde ("Cidex")	
Ethylene oxide (gaseous agent)	